

YRC Worldwide Inc.
Form 424B5
December 03, 2013
Table of Contents

Filed Pursuant to Rule 424(b)(5)
Registration No. 333-190079

Prospectus Supplement

(To Prospectus Dated August 29, 2013)

Up to 3,000,000 Shares

YRC Worldwide Inc.

Common Stock

This prospectus supplement relates to the issuance and sale of up to 3,000,000 shares of our common stock from time to time through our sales agent, MLV & Co., LLC. These sales, if any, will be made pursuant to the terms of a sales agreement, as entered into between us and the sales agent.

Sales of shares of our common stock under this prospectus supplement, if any, may be made by any method deemed to be an at the market offering as defined in Rule 415 under the Securities Act of 1933, or the Securities Act, which includes sales made directly on NASDAQ, the existing trading market for our common stock sales made to or through a market maker other than on an exchange or otherwise, in negotiated transactions at market prices, and/or any other method permitted by law. The sales agent will make all sales on a best efforts basis using commercially reasonable efforts consistent with its normal trading and sales practices, on mutually agreed terms between the sales agent and us.

Our common stock trades on the NASDAQ Global Select Market (NASDAQ) under the symbol YRCW. On December 2, 2013, the last reported sales price of our common stock on NASDAQ was \$9.58 per share.

The compensation to the sales agent for sales of common stock sold pursuant to the sales agreement will be an aggregate of 3% of the gross proceeds of the sales price of common stock sold. The net proceeds from any sales under this prospectus supplement will be used as described under Use of Proceeds. The net proceeds that we receive from sales of our common stock will depend on the number of shares actually sold and the offering price of such shares. There is no arrangement for the net proceeds to be received in an escrow, trust or similar account.

In connection with the sale of common stock on our behalf, the sales agent may be deemed to be an underwriter within the meaning of the Securities Act, and the compensation of the sales agent may be deemed to be underwriting commissions or discounts. We have agreed to provide indemnification and contribution to the sales agent against certain liabilities, including liabilities under the Securities Act.

You should read carefully and consider the Risk Factors beginning on page S-3 of this prospectus supplement, page 4 of the accompanying prospectus, and the risk factors described in other documents incorporated by reference herein.

Neither the SEC nor any state securities commission has approved or disapproved of these securities or determined that this prospectus supplement or the accompanying prospectus is accurate or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus supplement is December 3, 2013.

Table of Contents

TABLE OF CONTENTS

Prospectus Supplement

| | Page |
|---|-------------|
| <u>ABOUT THIS PROSPECTUS SUPPLEMENT</u> | S-i |
| <u>WHERE YOU CAN FIND MORE INFORMATION</u> | S-i |
| <u>INCORPORATION OF CERTAIN INFORMATION BY REFERENCE</u> | S-ii |
| <u>PROSPECTUS SUPPLEMENT SUMMARY</u> | S-1 |
| <u>RISK FACTORS</u> | S-3 |
| <u>FORWARD-LOOKING STATEMENTS</u> | S-16 |
| <u>USE OF PROCEEDS</u> | S-18 |
| <u>CAPITALIZATION</u> | S-19 |
| <u>DILUTION</u> | S-21 |
| <u>PRICE RANGE OF COMMON STOCK AND DIVIDEND POLICY</u> | S-22 |
| <u>PLAN OF DISTRIBUTION</u> | S-23 |
| <u>CERTAIN U.S. FEDERAL INCOME TAX CONSIDERATIONS FOR NON-U.S. HOLDERS</u> | S-24 |
| <u>LEGAL MATTERS</u> | S-28 |
| <u>EXPERTS</u> | S-28 |

Prospectus

| | Page |
|--|-------------|
| <u>ABOUT THIS PROSPECTUS</u> | i |
| <u>WHERE YOU CAN FIND MORE INFORMATION</u> | ii |
| <u>INCORPORATION OF CERTAIN INFORMATION BY REFERENCE</u> | ii |
| <u>FORWARD-LOOKING STATEMENTS</u> | iii |
| <u>OUR COMPANY</u> | 1 |
| <u>RISK FACTORS</u> | 5 |
| <u>USE OF PROCEEDS</u> | 5 |
| <u>RATIO OF EARNINGS TO FIXED CHARGES</u> | 5 |
| <u>DESCRIPTION OF DEBT SECURITIES AND GUARANTEES</u> | 6 |
| <u>DESCRIPTION OF OUR CAPITAL STOCK</u> | 22 |
| <u>DESCRIPTION OF DEPOSITARY SHARES</u> | 27 |
| <u>DESCRIPTION OF WARRANTS</u> | 30 |
| <u>DESCRIPTION OF PURCHASE CONTRACTS AND PURCHASE UNITS</u> | 32 |
| <u>DESCRIPTION OF UNITS</u> | 33 |
| <u>DESCRIPTION OF SUBSCRIPTION RIGHTS</u> | 34 |
| <u>PLAN OF DISTRIBUTION</u> | 36 |
| <u>LEGAL MATTERS</u> | 38 |
| <u>EXPERTS</u> | 38 |

You should rely only on the information contained in this document or to which we have referred you. We have not authorized anyone to provide you with information that is different. This document may only be used where it is legal to sell these securities. The information in this document may only be accurate on the date of this document.

Table of Contents

ABOUT THIS PROSPECTUS SUPPLEMENT

This document consists of two parts. The first part is this prospectus supplement, which describes the specific terms of this offering. The second part, the accompanying prospectus, gives more general information, some of which may not apply to this offering. Generally, when we refer only to the prospectus, we are referring to both parts combined. This prospectus supplement may add to, update or change information in the accompanying prospectus and the documents incorporated by reference into this prospectus supplement or the accompanying prospectus.

If information in this prospectus supplement is inconsistent with the accompanying prospectus, you should rely on this prospectus supplement. This prospectus supplement, the accompanying prospectus and the documents incorporated into each by reference include important information about us, the shares being offered and other information you should know before investing in our common stock.

You should rely only on this prospectus supplement, the accompanying prospectus and the information incorporated or deemed to be incorporated by reference in this prospectus supplement and the accompanying prospectus. We have not, and the sales agent has not, authorized anyone to provide you with information that is in addition to or different from that contained or incorporated by reference in this prospectus supplement and the accompanying prospectus. If anyone provides you with different or inconsistent information, you should not rely on it. We are not, and the sales agent is not, offering to sell these securities in any jurisdiction where the offer or sale is not permitted. You should not assume that the information contained or incorporated by reference in this prospectus supplement or the accompanying prospectus is accurate as of any date other than as of the date of this prospectus supplement or the accompanying prospectus, as the case may be, or in the case of the documents incorporated by reference, the date of such documents regardless of the time of delivery of this prospectus supplement and the accompanying prospectus or any sale of our common stock. Our business, financial condition, liquidity, results of operations and prospects may have changed since those dates.

All references in this prospectus supplement or the accompanying prospectus to YRCW, the Company, we, us, or mean YRC Worldwide Inc. and its subsidiaries, unless we state otherwise or the context otherwise requires.

WHERE YOU CAN FIND MORE INFORMATION

This prospectus supplement and the accompanying prospectus are part of a Registration Statement on Form S-3 under the Securities Act of 1933, as amended (the Securities Act), which we have filed with the SEC to register the shares of common stock offered hereby. This prospectus supplement does not contain all of the information in the registration statement and its exhibits. For further information regarding us and our securities, please see the registration statement and our other filings with the SEC, including our annual, quarterly and current reports and proxy statements, which you may read and copy at the Public Reference Room maintained by the SEC at 100 F Street, N.E., Washington, D.C. 20549. You may obtain information about the Public Reference Room by calling the SEC at 1-800-SEC-0330.

Our common stock is traded on NASDAQ under the symbol YRCW.

Our SEC filings are also available to the public on the SEC's internet website at <http://www.sec.gov> and on our website at <http://www.yrcw.com>. Information contained on our internet website is not a part of this prospectus.

Table of Contents

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to incorporate by reference information into this prospectus supplement, which means that we can disclose important information about us by referring you to another document filed separately with the SEC. The information incorporated by reference is considered to be a part of this prospectus supplement. This prospectus supplement incorporates by reference the documents and reports listed below (other than portions of these documents that are either (1) described in paragraph (e) of Item 201 of Registration S-K or paragraphs (d)(1)-(3) and (e)(5) of Item 407 of Regulation S-K promulgated by the SEC or (2) furnished under Item 2.02 or Item 7.01 of a Current Report on Form 8-K (including any exhibits included with such items)):

our Annual Report on Form 10-K for the fiscal year ended December 31, 2012 filed with the SEC on February 21, 2013, including the information specifically incorporated in our Annual Report on Form 10-K from our Definitive Proxy Statement on Schedule 14A filed with the SEC on March 20, 2013;

our Quarterly Reports on Form 10-Q for the fiscal quarters ended March 31, June 30 and September 30, 2013 filed with the SEC on May 3, August 7 and November 12, 2013, respectively;

our Current Reports on Form 8-K filed with the SEC on March 19 and September 20, 2013; and

the description of the number of authorized shares of our capital stock as set forth in Exhibit 3.1 to our Current Report on Form 8-K filed with the SEC on December 1, 2011, and the description of our common stock, par value \$0.01 per share, contained in our Registration Statement on Form 10 filed with the SEC under the Exchange Act of 1934, as amended (the Exchange Act) (Commission File No. 1-2255).

We also incorporate by reference the information contained in all other documents we file with the SEC pursuant to Sections 13 (a), 13(c), 14 or 15(d) of the Exchange Act (other than portions of these documents that are either (1) described in paragraph (e) of Item 201 of Registration S-K or paragraphs (d)(1)-(3) and (e)(5) of Item 407 of Regulation S-K promulgated by the SEC or (2) furnished under Item 2.02 or Item 7.01 of a Current Report on Form 8-K, unless otherwise indicated therein) after the date of this prospectus and prior to the termination of the offerings under this prospectus supplement. The information contained in any such document will be considered part of this prospectus supplement from the date the document is filed with the SEC.

Any statement contained in a document incorporated or deemed to be incorporated by reference in this prospectus supplement will be deemed to be modified or superseded to the extent that a statement contained herein or in any other subsequently filed document that also is or is deemed to be incorporated by reference in this prospectus supplement modifies or supersedes that statement. Any statement so modified or superseded will not be deemed, except as so modified or superseded, to constitute a part of this prospectus supplement.

If you make a request for such information in writing or by telephone, we will provide you, without charge, a copy of any or all of the information incorporated by reference into this prospectus supplement. Any such request should be directed to:

Michelle A. Friel

Edgar Filing: YRC Worldwide Inc. - Form 424B5

Corporate Secretary

YRC Worldwide Inc.

10990 Roe Avenue

Overland Park, Kansas 66211

(913) 696-6100

S-ii

Table of Contents

PROSPECTUS SUPPLEMENT SUMMARY

*This summary contains a general overview of the information contained or incorporated by reference in this prospectus supplement. This summary may not contain all of the information that is important to you, and it is qualified in its entirety by the more detailed information and financial statements and related notes, as filed with the SEC and incorporated by reference in this prospectus supplement and the accompanying prospectus. You should carefully consider the information contained in or incorporated by reference in this prospectus supplement and accompanying prospectus, including the information set forth under the heading *Risk Factors* in this prospectus supplement and accompanying prospectus and in our Annual Report on Form 10-K for the fiscal year ended December 31, 2012 filed with the SEC on February 21, 2013 and in our Quarterly Reports on Form 10-Q for the three months ended March 31, June 30 and September 30, 2013 filed with the SEC on May 3, August 7 and November 12, 2013, respectively.*

Our Company

YRC Worldwide is a holding company that, through wholly owned operating subsidiaries and its interest in a Chinese joint venture, offers its customers a wide range of transportation services. We have one of the largest, most comprehensive less-than-truckload (LTL) networks in North America with local, regional, national and international capabilities. Through our team of experienced service professionals, we offer expertise in heavyweight shipments and flexible supply chain solutions, ensuring customers can ship industrial, commercial and retail goods with confidence. Our reporting segments include the following:

YRC Freight is the reporting segment focused on business opportunities in national, regional and international services. YRC Freight provides for the movement of industrial, commercial and retail goods, primarily through centralized management and customer facing organizations. This segment includes our LTL subsidiary YRC Inc. (YRC Freight) and Reimer Express (YRC Reimer), a subsidiary located in Canada that specializes in shipments into, across and out of Canada. In addition to the United States and Canada, YRC Freight also serves parts of Mexico, Puerto Rico and Guam.

Regional Transportation is the reporting segment for our transportation service providers focused on business opportunities in the regional and next-day delivery markets. Regional Transportation is comprised of USF Holland (Holland), New Penn Motor Express (New Penn) and USF Reddaway (Reddaway). These companies each provide regional, next-day ground services in their respective regions through a network of facilities located across the United States, Canada, Mexico and Puerto Rico.

In 2011 and 2010, we reported Truckload as a separate segment, which consisted of Glen Moore, a former domestic truckload carrier. On December 15, 2011, we sold the majority of Glen Moore's assets to a third party and concluded its operations.

YRC Worldwide Inc. was incorporated in Delaware in 1983, and we are headquartered in Overland Park, Kansas. We employed approximately 32,000 people as of December 31, 2012. The mailing address of our headquarters is 10990 Roe Avenue, Overland Park, Kansas 66211, and our telephone number is (913) 696-6100. Our Internet website is www.yrcw.com. Information contained on our website is not part of this prospectus supplement.

S-1

Table of Contents

The Offering

The following summary contains basic information about our common stock and the offering and is not intended to be complete. It does not contain all the information that may be important to you. For a more complete understanding of our common stock, you should read the section of the accompanying prospectus entitled "Description of Our Capital Stock."

| | |
|----------------------|--|
| Issuer | YRC Worldwide Inc. |
| Common Stock Offered | Up to 3,000,000 shares. |
| Manner of Offering | At the market offering that may be made from time to time on NASDAQ or other market for our common stock in the United States through MLV & Co., LLC as our sales agent. See "Plan of Distribution" on page S-23 of this prospectus supplement. |
| Risk Factors | Your investment in our common stock involves substantial risks. You should consider the "Risk Factors" included and incorporated by reference in this prospectus supplement and the accompanying prospectus, including the risk factors incorporated by reference from our filings with the SEC. |
| Use of Proceeds | We intend to use the net proceeds from this offering for the repayment of a portion of the \$69.4 million aggregate principal amount of our 6% Convertible Senior Notes due 2014 (the "6% Notes") on or prior to their scheduled maturity on February 15, 2014 and thereafter for general corporate and working capital purposes, which may include the repayment of indebtedness. See "Use of Proceeds" on page S-18 of this prospectus supplement. |
| NASDAQ Symbol | YRCW |

Table of Contents

RISK FACTORS

*An investment in our common stock involves risks. Before deciding whether to purchase any shares of common stock, you should consider the risks discussed below or elsewhere in this prospectus supplement or the accompanying prospectus, including those set forth under the heading **Forward-Looking Statements** and in our filings with the SEC that we have incorporated by reference in this prospectus supplement. Additional risks and uncertainties not presently known to us or that we currently believe to be immaterial may also impair our business operations.*

Any of the risks discussed below or elsewhere in this prospectus supplement or the accompanying prospectus or in our SEC filings incorporated by reference, and other risks we have not anticipated or discussed, could have a material adverse effect on our business, financial condition and results of operations. In that case, the trading price of our common stock could decline substantially.

Business Risks

We are a holding company and we are dependent on the ability of our subsidiaries to distribute funds to us.

We are a holding company and our subsidiaries conduct substantially all of our consolidated operations and own substantially all of our consolidated assets. Consequently, our cash flow and our ability to make payments on our indebtedness substantially depends upon our subsidiaries' cash flow and payments of funds to us by our subsidiaries. Our subsidiaries' ability to make any advances, distributions or other payments to us may be restricted by, among other things, debt instruments, tax considerations and legal restrictions. If we are unable to obtain funds from our subsidiaries as a result of these restrictions, we may not be able to pay principal of, or cash interest on, our indebtedness when due, and we cannot assure you that we will be able to obtain the necessary funds from other sources.

We are subject to general economic factors that are largely out of our control, any of which could have a material adverse effect on our business, financial condition and results of operations.

Our business is subject to a number of general economic factors that may adversely affect our business, financial condition and results of operations, many of which are largely out of our control. These factors include recessionary economic cycles and downturns in customers' business cycles and changes in their business practices, particularly in market segments and industries, such as retail and manufacturing, where we have a significant concentration of customers. Economic conditions may adversely affect our customers' business levels, the amount of transportation services they need and their ability to pay for our services. Because a portion of our costs are fixed, it may be difficult for us to quickly adjust these fixed costs proportionally with fluctuations in volume levels. Customers encountering adverse economic conditions represent a greater potential for loss, and we may be required to increase our reserve for bad-debt losses. Further, we depend on our suppliers for equipment, parts and services that are critical to our business. A disruption in the availability of these supplies or a material increase in their cost due to adverse economic conditions or financial constraints of our suppliers could adversely impact our business, results of operations and liquidity.

We are subject to business risks and increasing costs associated with the transportation industry that are largely out of our control, any of which could have a material adverse effect on our business, financial condition and results of operations.

We are subject to business risks and increasing costs associated with the transportation industry that are largely out of our control, any of which could adversely affect our business, financial condition and results of operations. The

factors contributing to these risks and costs include weather, excess capacity in the transportation industry, interest rates, fuel prices and taxes, fuel surcharge collection, terrorist attacks, license and registration fees, insurance premiums and self-insurance levels, difficulty in recruiting and retaining qualified drivers, the risk of widespread disruption of our technology systems, and increasing equipment and operational costs. Our

S-3

Table of Contents

results of operations may also be adversely affected by seasonal factors. Further, the future availability and support available for our current technology may make it necessary for us to upgrade or change these systems, which may be costly and could disrupt or reduce the efficiency of our operations.

We operate in a highly competitive industry, and our business will suffer if we are unable to adequately address potential downward pricing pressures and other factors that could have a material adverse effect on our business, financial condition and results of operations.

Numerous competitive factors could adversely affect our business, financial condition and results of operations. These factors include the following:

We compete with many other transportation service providers of varying sizes and types, some of which have a lower cost structure, more equipment and greater capital resources than we do or have other competitive advantages;

Some of our competitors periodically reduce their prices to gain business, especially during times of reduced growth rates in the economy, which limits our ability to maintain or increase prices or maintain or grow our business;

Our customers may negotiate rates or contracts that minimize or eliminate our ability to offset fuel price increases through a fuel surcharge on our customers;

Many customers reduce the number of carriers they use by selecting so-called core carriers as approved transportation service providers, and in some instances, we may not be selected;

Many customers periodically accept bids from multiple carriers for their shipping needs, and this process may depress prices or result in the loss of some business to competitors;

The trend towards consolidation in the ground transportation industry may create other large carriers with greater financial resources and other competitive advantages relating to their size;

Advances in technology require increased investments to remain competitive, and our customers may not be willing to accept higher prices to cover the cost of these investments; and

Competition from non-asset-based logistics and freight brokerage companies may adversely affect our customer relationships and prices.

If we are unable to extend our existing union agreements, we may be unable to refinance or restructure the portions of our debt which mature in 2014, which would have a material adverse effect on our business, financial condition and results of operations. Any deterioration in our relationship with our unions could also place us at a

disadvantage relative to our nonunion competitors.

Virtually all of our operating subsidiaries have employees who are represented by the International Brotherhood of Teamsters (IBT). These employees represent the majority of our workforce at December 31, 2012. Salaries, wages and employee benefits composes over half of our operating costs.

Each of our YRC Freight, New Penn, and Holland subsidiaries employ most of their unionized employees under the terms of a common national master freight agreement with the IBT, as supplemented by additional regional supplements and local agreements, a significant majority of which will expire on March 31, 2015. If we are unable to restructure or refinance our maturing debt, we will not have sufficient assets to repay the amounts owed, which would materially and adversely affect our financial condition and our ability to continue to operate our business in the ordinary course. The IBT also represents a number of employees at Reddaway, and YRC Reimer under more localized agreements, which have wages, benefit contributions and other terms and conditions that better fit the cost structure and operating models of these business units.

We are currently seeking to extend or amend our current agreements with the IBT in order to extend their maturity through at least 2019. There can be no assurance that we will be able to extend such agreements on acceptable terms or at all. To the extent we are not able to extend these agreements on acceptable terms, we may

Table of Contents

be unable to restructure or refinance the portions of our debt which will mature in September of 2014 and March of 2015. See **Liquidity Risks** We face significant liquidity challenges in the near term, which could adversely affect our financial condition.

Our subsidiaries are regularly subject to grievances, arbitration proceedings and other claims concerning alleged past and current non-compliance with applicable labor law and collective bargaining agreements.

Neither we nor any of our subsidiaries can predict the outcome of any of these matters. These matters, if resolved in a manner unfavorable to us, could have a material adverse effect on our business, financial condition, liquidity and results of operations, and place us at a disadvantage relative to our nonunion competitors.

Our pension expense and funding obligations could increase significantly and have a material adverse effect on our business, financial condition and results of operations.

Our future funding obligations for our U.S. single-employer defined benefit pension plans qualified with the Internal Revenue Service (the **IRS**) depend upon their funded status, the future performance of assets set aside in trusts for these plans, the level of interest rates used to determine funding levels and actuarial experience and any changes in government laws and regulations.

Our subsidiaries began making contributions to most of the multi-employer pension funds (the **funds**) for the month beginning June 1, 2011 at the rate of 25% of the contribution rate in effect on July 1, 2009. A fund that did not allow the Company's subsidiaries to begin to make contributions at a reduced rate to the fund elected to either (i) apply the amount of the contributions toward paying down previously deferred contributions under our Contribution Deferral Agreement, or (ii) have the amount of the contributions placed in escrow until such time when the fund is able to accept re-entry at the reduced rate.

If the funding of the funds does not reach certain goals (including those required not to enter endangered or critical status or those required by a fund's funding improvement or rehabilitation plan), our pension expenses and required cash contributions could further increase upon the expiration of our collective bargaining agreements and, as a result, could materially adversely affect our business, financial condition and results of operations. Decreases in investment returns that are not offset by contributions could also increase our obligations under such plans.

We believe that based on information obtained from public filings and from plan administrators and trustees, our portion of the contingent liability in the case of a full withdrawal or termination from all of the multi-employer pension plans would be an estimated \$10 billion on a pre-tax basis. If we were subject to withdrawal liability with respect to a plan, ERISA provides that a withdrawing employer can pay the obligation in a lump sum or over time based upon an annual payment that is the product of the highest contribution rate to the relevant plan multiplied by the average of the three highest consecutive years measured in contribution base units, which, in some cases, could be up to 20 years. Even so, our applicable subsidiaries have no current intention of taking any action that would subject us to payment of material withdrawal obligations, however we cannot provide any assurance that such obligations will not arise in the future which would have a material adverse effect on our business, financial condition, liquidity and results of operations.

Ongoing self-insurance and claims expenses could have a material adverse effect on our business, financial condition and results of operations.

Our future insurance and claims expenses might exceed historical levels. We currently self-insure for a majority of our claims exposure resulting from cargo loss, personal injury, property damage and workers' compensation. If the number

or severity of claims for which we are self-insured increases, our business, financial condition and results of operations could be adversely affected, and we may have to post additional letters of credit or cash collateral to state workers' compensation authorities or insurers to support our insurance policies, which may adversely affect our liquidity. If we lose our ability to self insure, our insurance costs could materially increase, and we may find it difficult to obtain adequate levels of insurance coverage.

S-5

Table of Contents

We have significant ongoing capital expenditure requirements that could have a material adverse effect on our business, financial condition and results of operations if we are unable to generate sufficient cash from operations.

Our business is capital intensive. Our capital expenditures focus primarily on revenue equipment replacement, land and structures and investments in information technology. In light of our operating results over the past few years and our liquidity needs, we have deferred certain capital expenditures and expect to continue to do so for the foreseeable future, including the next twelve months. As a result, the average age of our fleet has increased and we will need to update our fleet periodically. If we are unable to generate sufficient cash from operations to fund our capital requirements, we may have to limit our growth, utilize our existing liquidity, or enter into additional financing arrangements, including leasing arrangements, or operate our revenue equipment (including tractors and trailers) for longer periods resulting in increased maintenance costs, any of which could reduce our operating income. If our cash from operations and existing financing arrangements are not sufficient to fund our capital expenditure requirements, we may not be able to obtain additional financing at all or on terms acceptable to us. In addition, our credit facilities contain provisions that limit our level of annual capital expenditures.

We operate in an industry subject to extensive government regulations, and costs of compliance with, or liability for violation of, existing or future regulations could significantly increase our costs of doing business.

The U.S. Departments of Transportation and Homeland Security and various federal, state, local and foreign agencies exercise broad powers over our business, generally governing such activities as authorization to engage in motor carrier operations, safety and permits to conduct transportation business. Our drivers are also subject to hours-of-service rules from the Federal Motor Carrier Safety Administration (FMCSA). In the future, we may become subject to new or more restrictive regulations that the FMSCA, Departments of Transportation and Homeland Security, the Occupational Safety and Health Administration, the Environmental Protection Agency or other authorities impose, including regulations relating to engine exhaust emissions, the hours of service that our drivers may provide in any one time period, security and other matters. Compliance with these regulations could substantially impair equipment productivity and increase our costs.

We are subject to various environmental laws and regulations, and costs of compliance with, or liabilities for violations of, existing or future laws and regulations could significantly increase our costs of doing business.

Our operations are subject to environmental laws and regulations dealing with, among other things, the handling of hazardous materials, underground fuel storage tanks and discharge and retention of storm water. We operate in industrial areas, where truck terminals and other industrial activities are located, and where groundwater or other forms of environmental contamination may have occurred. Our operations involve the risks of fuel spillage or seepage, environmental damage and hazardous waste disposal, among others. If we are involved in a spill or other accident involving hazardous substances, or if we are found to be in violation of applicable environmental laws or regulations, it could significantly increase our cost of doing business. Under specific environmental laws and regulations, we could be held responsible for all of the costs relating to any contamination at our past or present terminals and at third-party waste disposal sites. If we fail to comply with applicable environmental laws and regulations, we could be subject to substantial fines or penalties and to civil and criminal liability.

In addition, as climate change initiatives become more prevalent, federal, state and local governments and our customers are beginning to promulgate solutions for these issues. This increased focus on greenhouse gas emission reductions and corporate environmental sustainability may result in new regulations and customer requirements that could negatively affect us. This could cause us to incur additional direct costs or to make changes to our operations in order to comply with any new regulations and customer requirements, as well as increased indirect costs or loss of revenue resulting from, among other things, our customers incurring additional compliance costs that affect our costs

and revenues. We could also lose revenue if our customers divert business

S-6

Table of Contents

from us because we haven't complied with their sustainability requirements. These costs, changes and loss of revenue could have a material adverse effect on our business, financial condition, liquidity and results of operations.

Our business may be harmed by anti-terrorism measures.

In the aftermath of the terrorist attacks on the United States, federal, state and municipal authorities have implemented and are implementing various security measures, including checkpoints and travel restrictions on large trucks. Although many companies will be adversely affected by any slowdown in the availability of freight transportation, the negative impact could affect our business disproportionately. For example, we offer specialized services that guarantee on-time delivery. If the security measures disrupt or impede the timing of our deliveries, we may fail to meet the needs of our customers, or may incur increased expenses to do so. We cannot assure you that these measures will not significantly increase our costs and reduce our operating margins and income.

The outcome of IRS audits to which the Company and its subsidiaries are a party could have a material adverse effect on our businesses, financial condition and results of operations.

The IRS may issue adverse tax determinations in connection with its audit of our prior year tax returns. See the Income Taxes footnote to our consolidated financial statements included in our Annual Reports on Form 10-K and Quarterly Reports on Form 10-Q that are incorporated by reference into this prospectus. We may incur significant expenses defending ourselves in these audits. We may be required to pay significant taxes and/or interest to resolve these audits. These costs could have a material adverse effect on our businesses, financial condition, liquidity and results of operations.

Current or future litigation may adversely affect our business, financial condition, liquidity or results of operations.

We have been and continue to be involved in legal proceedings, claims and other litigation that arise in the ordinary course of business. Litigation may be related to labor and employment, competitive matters, personal injury, property damage, safety and contract compliance, environmental liability, our past financial restructurings and other matters. We are currently subject to litigation in connection with modifications to our national master freight agreement with the IBT and putative class action litigation in connection with our financial restructuring in 2009. We discuss legal proceedings in the Commitments, Contingencies and Uncertainties footnote to our consolidated financial statements included in our Annual Reports on Form 10-K and Quarterly Reports on Form 10-Q that are incorporated by reference into this prospectus. Some or all of our expenditures to defend, settle or litigate these matters may not be covered by insurance or could impact our cost and ability to obtain insurance in the future. Litigation can be expensive, lengthy and disruptive to normal business operations, including to our management due to the increased time and resources required to respond to and address the litigation. The results of complex legal proceedings are often uncertain and difficult to predict. An unfavorable outcome of any particular matter or any future legal proceedings could have a material adverse effect on our business, financial condition, liquidity or results of operations. In the future, we could incur judgments or enter into settlements of claims that could harm our financial position, liquidity and results of operations.

We may not obtain further benefits and cost savings from operational changes and performance improvement initiatives.

In response to our business environment, we initiated operational changes and process improvements to reduce costs and improve financial performance. The changes and initiatives include evaluating management talent, reducing overhead costs, closing redundant facilities, making upgrades to our technology, eliminating unnecessary activities

and implementing changes of operations under our labor agreements. There is no assurance that these changes and improvements will be successful, that their implementation may not have an

S-7

Table of Contents

adverse impact on our operating results or that we will not have to initiate additional changes and improvements in order to achieve the projected benefits and cost savings.

We may be unable to remedy declines in service levels at YRC Freight, which may lead to further declines in operational performance.

In May 2013, our YRC Freight reporting segment commenced its plan to optimize its freight network. This optimization reduced the number of handling and relay locations. In the third quarter of 2013, driven, in part, by a decline of our service levels due to driver shortages and transition issues related to the network optimization plan, our YRC Freight reporting segment experienced decreases in our year-over-year financial performance and relative to our management forecast.

As a consequence of YRC Freight's performance, we made leadership changes in late September. Our renewed objective is to increase process discipline, execution and accountability at YRC Freight. Going forward, our focus will be on growing the business by aggressively pursuing new and profitable accounts while controlling our costs and improving our service levels. If we are unable to improve performance at YRC Freight in the near term, however, it may continue to have an adverse impact on our operating results and prevent us from achieving the intended benefits and cost savings of our optimization plan.

Our actual operating results may differ significantly from our projections.

From time to time, we use projections regarding our future performance. These projections, which are forward-looking statements, are prepared by our management and are qualified by, and subject to, the assumptions and the other information contained or referred to under the caption "Forward-Looking Statements" in this prospectus supplement or in similar cautionary statements regarding forward-looking statements in our filings with the SEC, the risk factors contained in this prospectus supplement, the accompanying prospectus and the risk factors included in our Annual Reports on Form 10-K and Quarterly Reports on Form 10-Q that we file with the SEC. Our projections are not prepared with a view toward compliance with published guidelines of the American Institute of Certified Public Accountants, and neither our registered public accountants nor any other independent expert or outside party compiles or examines the projections and, accordingly, no such person expresses any opinion or any other form of assurance with respect thereto.

Projections are based upon a number of assumptions and estimates that, while presented with numerical specificity, are inherently subject to significant business, economic and competitive uncertainties and contingencies, many of which are beyond our control and are based upon specific assumptions with respect to future business decisions, some of which will change.

Projections are necessarily speculative in nature, and it can be expected that some or all of the assumptions and estimates relating to the projections furnished by us will not materialize or will vary significantly from actual results. Accordingly, our projections are only an estimate of what management believes is realizable as of the date of release. Actual results will vary from the projections and the variations may be material. Investors should also recognize that the reliability of any forecasted financial data diminishes the farther in the future that the data is projected. In light of the foregoing, investors are urged not to rely upon, or otherwise consider, our projections in making investment decisions in respect of our securities.

Any failure to successfully implement our operating strategy, the failure of some or all of the assumptions and estimates relating to the projections used by us or the occurrence of any of the adverse events or circumstances described under the caption "Risk Factors" in this prospectus supplement, the accompanying prospectus and in our other

filings with the SEC could result in the actual operating results being different from the projections, and such differences may be adverse and material.

S-8

Table of Contents

Liquidity Risks

Our substantial indebtedness and cash interest payment obligations, lease obligations and pension funding obligations could adversely affect our financial flexibility and our competitive position.

As of September 30, 2013, we had \$1,361.0 million in aggregate principal of outstanding indebtedness, which may increase over time as \$209.0 million in aggregate principal amount of our debt as of September 30, 2013 is held in the form of senior convertible secured notes which accrues paid-in-kind interest. We also have, and will continue to have, significant lease obligations. We plan to procure substantially all of our new revenue equipment using operating leases in 2014 and beyond. As of September 30, 2013, our minimum rental expense under operating leases for the remainder of the year is \$13.3 million. As of September 30, 2013, our operating lease obligations through 2025 totaled \$165.6 million and are expected to increase as we lease additional revenue equipment. As of September 30, 2013, we expect our funding obligations in the remainder of 2013 under our single-employer pension plans and the multi-employer pension funds will be approximately \$13.7 million and \$22.5 million, respectively. Our substantial indebtedness, lease obligations and pension funding obligations could have a significant impact on our business.

For example, it could:

increase our vulnerability to adverse changes or sustained slow growth in general economic, industry and competitive conditions;

require us to dedicate a substantial portion of our cash flow from operations to make payments on our indebtedness, leases and pension funding obligations, thereby reducing the availability of our cash flow to fund working capital, capital expenditures and other general corporate purposes;

limit our flexibility in planning for, or reacting to, changes in our business and the industry in which we operate;

restrict us from taking advantage of business opportunities;

make it more difficult to satisfy our financial obligations;

place us at a competitive disadvantage compared to our competitors that have less debt, lease obligations, and pension funding obligations; and

limit our ability to borrow additional funds for working capital, capital expenditures, acquisitions, debt service requirements, execution of our business strategy or other general corporate purposes on satisfactory terms or at all.

In addition, the indenture governing our Series B Notes and our credit facilities contain restrictive covenants that will limit our ability to engage in activities that may be in our long-term best interests. Our failure to comply with those

covenants could result in an event of default which, if not cured or waived, could result in the acceleration of all of our indebtedness.

Despite current indebtedness levels, we and our subsidiaries may still be able to incur more debt. This could increase the risks associated with our substantial leverage.

We and our subsidiaries may be able to incur additional indebtedness in the future. Although covenants under the indenture governing the Series B Notes, our amended and restated credit agreement and other agreements limit our ability and the ability of our present and future subsidiaries to incur additional indebtedness, the terms of the indenture governing the Series B Notes, our amended and restated credit agreement and other agreements do permit us to incur additional indebtedness or other obligations under certain circumstances. To the extent that we incur additional indebtedness or such other obligations, the risks associated with our substantial indebtedness described above, including those affecting our ability to service our debt, will increase.

Table of Contents

Our ability to make payments on and to refinance our indebtedness and to fund working capital needs and capital expenditures will depend on our ability to generate cash in the future.

Our ability to generate cash in the future, to a certain extent, is subject to general economic, financial, competitive, business, legislative, regulatory and other factors that are beyond our control. If we are unable to meet our debt service obligations under our existing and future indebtedness, the holders of such indebtedness would have the right, following any applicable cure period, to cause the entire principal amount thereof to become immediately due and payable. If our outstanding indebtedness was accelerated, our assets will likely not be sufficient to repay in full the money owed.

We have a considerable amount of indebtedness, of which \$69.4 million matures on February 15, 2014, \$325.5 million matures on September 30, 2014 and \$664.7 million matures on March 31, 2015. We intend to restructure or refinance the portions of our debt which will mature in September of 2014 and March of 2015. Our ability to refinance our indebtedness will depend on the condition of the capital markets and our financial condition. Our recent operating results may have an adverse effect on our ability to complete such restructuring or refinancing. The refinancing of these debt obligations is outside of our control and there can be no assurance that such transactions will occur, or if it does occur, on what terms. Any refinancing of our debt could be at higher interest rates and may require us to comply with more onerous covenants, which could further restrict our business operations. The terms of existing or future debt instruments, including the indentures governing the convertible notes, and the credit agreement governing our credit facilities, may limit or prevent us from taking any of these actions.

In connection with its audit of our financial statements for the year ending December 31, 2013, our independent registered public accounting firm will analyze our liquidity and our ability to continue as a going concern, taking into consideration, among other things, our need to restructure or refinance our near-term maturing debt. In the event we are not able to restructure or refinance our near-term maturing debt before filing our 2013 Form 10-K, our independent registered public accounting firm's audit report accompanying our audited financial statements for the year ending December 31, 2013 may include going concern language. Such going concern language could harm our credit rating and our ability to refinance our near-term maturing debt or otherwise obtain additional financing on acceptable terms. The occurrence of any of these events could have an adverse effect, which could be material, on our financial condition and liquidity.

In addition, any failure to make scheduled payments of interest and principal on our outstanding indebtedness would likely result in a reduction of our credit rating, which could harm our ability to incur additional indebtedness on commercially reasonable terms or at all. Our inability to generate sufficient cash flow to satisfy our debt service obligations, or to refinance or restructure our obligations on commercially reasonable terms or at all, would have an adverse effect, which could be material, on our business, financial condition, liquidity and results of operations.

We incurred net losses in each of fiscal 2012, 2011 and 2010 and for the nine-month period ended September 30, 2013. We may not obtain the projected benefits and cost savings from productivity and efficiency initiatives. If we incur future net losses we may need additional capital to meet our future cash requirements and execute our business strategy.

Our business experienced net losses in each of fiscal 2012, 2011 and 2010 and for the nine-month period ended September 30, 2013. Net losses in fiscal 2012, 2011 and 2010 were \$136.5 million, \$354.4 million and \$327.8 million, respectively. Net loss was \$84.0 million for the nine-months ended September 30, 2013. Contributing factors to our net losses in fiscal 2012, 2011 and 2010 were the challenges facing transportation services generally as a result of the prolonged slow economic recovery, competitive pressures in the LTL industry stemming from excess capacity that resulted in lower profit margins, interest expense and financing costs, and our operating cost structure. In each of

2009 and 2011, we implemented financial restructurings to improve our balance sheet and to provide additional operating liquidity. Since our restructuring

S-10

Table of Contents

in 2011, our senior management team and board of directors have put strategies in place that are focused on driving productivity and efficiency improvements. These efforts have been concentrated on improving pricing and shipping volumes as well as customer mix, redeploying shared services and, in turn, driving more autonomy, responsibility and accountability to our operating companies, streamlining operations and our transportation network, and divesting non-core assets. There is no assurance that these changes and improvements will be successful, that their implementation will have a positive impact on our operating results or that we will not have to initiate additional changes and improvements in order to achieve the projected benefits and cost savings. For example, our recently reported operating results have been adversely affected by driver shortages and challenges in implementing our network optimization. If we incur future net losses, we may experience liquidity challenges and we may need to raise additional capital to meet our future cash requirements and to execute our business strategy.

We face significant liquidity challenges in the near term, which could adversely affect our financial condition.

Our ability to continue as a going concern over the next twelve months is dependent on a number of factors, many of which are outside of our control. In the near term, we must repay or refinance our 6% Convertible Senior Notes prior to February 1, 2014 in order to comply with the terms of our Amended Credit Agreement and thereafter we will need to refinance or restructure our other debt obligations prior to their upcoming maturities in 2014 and 2015. Other factors include:

achieving forecasted results in order to comply with covenants and other terms of our credit facilities so as to have access to the borrowings available to us under our credit facilities;

securing suitable lease financing arrangements to replace revenue equipment;

generating operating cash flows that are sufficient to meet the minimum cash balance requirement under our credit facilities, cash requirements for pension contributions to our single-employer pension plan and our multi-employer pension funds, cash interest and principal payments on our funded debt, payments on our equipment leases, letter of credit fees under our credit facilities and for capital expenditures or additional lease payments for new revenue equipment.

There can be no assurance that management will be successful or that such plans will be achieved.

A failure to satisfy our short-term liquidity needs would materially and adversely affect our financial condition and our ability to continue to operate our business in the ordinary course.

Restrictive covenants in the documents governing our existing and future indebtedness may limit our current and future operations, particularly our ability to respond to changes in our business or to pursue our business strategies.

The documents governing our existing indebtedness contain, and the documents governing any future indebtedness will likely contain, a number of restrictive covenants that impose significant operating and financial restrictions, including restrictions on our ability to take actions that we believe may be in our interest. The documents governing our existing indebtedness, among other things, limit our ability to:

incur additional indebtedness and guarantee indebtedness;

pay dividends on or make distributions in respect of capital stock or make certain other restricted payments or investments;

enter into agreements that restrict distributions from restricted subsidiaries;

sell or otherwise dispose of assets, including capital stock of restricted subsidiaries;

enter into transactions with affiliates;

S-11

Table of Contents

create or incur liens;

enter into sale/leaseback transactions;

merge, consolidate or sell substantially all of our assets;

make investments and acquire assets; and

make certain payments on indebtedness.

The restrictions could adversely affect our ability to:

finance our operations;

make strategic acquisitions or investments or enter into alliances;

withstand a future downturn in our business or the economy in general;

engage in business activities, including future opportunities, that may be in our interest; and

plan for or react to market conditions or otherwise execute our business strategies.

Our ability to obtain future financing or to sell assets could be adversely affected because substantially all of our assets have been secured as collateral for the benefit of the holders of our indebtedness.

Our failure to comply with the covenants in the documents governing our existing and future indebtedness could materially adversely affect our financial condition and liquidity.

The documents governing our indebtedness contain financial covenants, covenants requiring us to take certain actions and negative covenants restricting our ability to take certain actions. If we are unsuccessful in meeting our financial covenants, we will need to seek an amendment or waiver from our lenders or otherwise we will be in default under our credit facilities, which would enable lenders thereunder to accelerate the repayment of amounts outstanding and exercise remedies with respect to collateral. If our lenders under our credit facilities demand payment, we will not have sufficient cash and cash flows from operations to repay such indebtedness. In addition, a default under our credit facilities or the lenders exercising their remedies thereunder would trigger cross-default provisions in our other indebtedness and certain other operating agreements. Our ability to amend our credit facilities or otherwise obtain waivers from our lenders depends on matters that are outside of our control and there can be no assurance that we will be successful in that regard. In addition, any covenant breach or event of default could harm our credit rating and our ability to obtain additional financing on acceptable terms. The occurrence of any of these events could have a material adverse effect on our financial condition and liquidity.

Risks Related to this Offering and Our Common Stock

The price of our common stock may fluctuate significantly, and this may make it difficult for you to resell our common stock when you want or at prices you find attractive.

The market price for our common stock has been highly volatile and subject to wide fluctuations. During the period from July 22, 2011 following the completion of our restructuring until December 2, 2013, the market price of our common stock ranged from \$303.00 (as adjusted to give retroactive effect to our December 1, 2011 one-for-three hundred reverse stock split) to \$4.56 per share. From January 1, 2013 to December 2, 2013, the market price of our common stock ranged from \$5.75 to \$36.99 per share. The closing market price of our common stock on December 2, 2013 was \$9.58 per share. We expect the market price of our common stock to continue to be volatile and subject to wide fluctuations in response to a wide variety of factors, including the following:

fluctuations in stock market prices and trading volumes of securities of similar companies;

general market conditions and overall fluctuations in U.S. equity markets;

S-12

Table of Contents

variations in our operating results, or the operating results of our competitors;

changes in our financial guidance or securities analysts' estimates of our financial performance;

changes in accounting principles;

sales of large blocks of our common stock, including sales by our executive officers, directors and significant stockholders;

additions or departures of any of our key personnel;

announcements related to litigation;

changing legal or regulatory developments in the U.S. and other countries; and

discussion of us or our stock price by the financial press and in online investor communities.

In addition, the stock markets from time to time experience price and volume fluctuations that may be unrelated or disproportionate to the operating performance of companies and that may be extreme. These fluctuations may adversely affect the trading price of our common stock, regardless of our actual operating performance.

We issued a substantial number of notes convertible into our common stock in connection with our July 2011 financial restructuring, which could lead to significant sales of our common stock.

On July 22, 2011, we completed our financial restructuring. In connection with our restructuring, we issued a substantial number of shares of our common stock. We also issued \$140.0 million in aggregate principal amount of our 10% Series A Convertible Senior Secured Notes due 2015 ("Series A Notes") and \$100.0 million in aggregate principal amount of our 10% Series B Convertible Senior Secured Notes due 2015 (the "Series B Notes" and, together with the Series A Notes, the "convertible notes"). Our Series A Notes were convertible into our common stock beginning after July 22, 2013 at the conversion price per share of \$34.0059 and a conversion rate of 29.4067 common shares per \$1,000 of Series A Notes. As of September 30, 2013, there was \$173.5 million in aggregate principal amount of Series A Notes outstanding that are convertible into approximately 5.6 million shares of our common stock. Our Series B Notes are convertible into our common stock, at any time, at the conversion price per share of approximately \$18.5334 and a conversion rate of 53.9567 common shares per \$1,000 of the Series B Notes (such conversion price and conversion rate applying also to the Series B Notes make whole premium). As of September 30, 2013, the effective conversion price and conversion rate for our Series B Notes due 2015 (after taking into account the make whole premium) was \$16.0056 and 62.4781 common shares per \$1,000 of Series B Notes, respectively. As of September 30, 2013, there was \$68.2 million of Series B Notes outstanding that are convertible into approximately 4.3 million shares of our common stock (including a make whole premium for our Series B Notes payable in common stock), after giving effect to Series B Notes that have already been converted into our common stock.

We cannot predict what the demand for our common stock will be in the future, how many shares of our common stock will be offered for sale or be sold in the future, or the price at which our common stock will trade in the future. Some of our investors may not be able to or may be unwilling to hold equity securities and may therefore seek to sell their shares of common stock or the shares of common stock they receive upon conversion of the convertible notes. There are no agreements or other restrictions that prevent the sale of a large number of our shares of our common stock. The issuance of the shares of common stock upon the conversion of the convertible notes has been registered with the SEC. As a consequence, those securities and the common stock into which they are convertible will, in general, be freely tradable. Sales of a large number of such securities or shares of common stock in the future could materially depress the trading price of such securities or our common stock.

S-13

Table of Contents

Future issuances of our common stock or equity-related securities in the public market could adversely affect the trading price of our common stock and the value of the convertible notes and our ability to raise funds in new stock offerings.

In the future, we may issue significant numbers of additional shares of our common stock to raise capital or in connection with a restructuring or refinancing of our maturing indebtedness. In addition, shares of our common stock are reserved for issuance on conversion of our convertible notes, exercise of outstanding stock options and vesting of outstanding share units. As of September 30, 2013, we had outstanding options to purchase an aggregate of 834,400 shares of common stock, outstanding share units representing the right to receive a total of 766,900 shares of common stock upon vesting and an aggregate of 937,127 shares of our common stock was reserved for future issuance under our 2011 Incentive and Equity Award Plan (the 2011 Plan). We have registered under the Securities Act all of the shares of common stock that we may issue upon the exercise of our outstanding options and the vesting of outstanding share units and on account of future awards made under the 2011 Plan. All of these registered shares can be freely sold in the public market upon issuance, except for shares issued to our directors and executive officers, which sales are subject to certain volume restrictions. If a large number of these shares are sold in the public market, the sales could reduce the trading price of our common stock.

We cannot predict the size of future issuances or the effect, if any, that such issuances may have on the market price for our common stock. Sales of significant amounts of our common stock or equity-related securities in the public market, or the perception that such sales may occur, could adversely affect prevailing trading prices of our common stock and the value of the convertible notes and could impair our ability to raise capital through future offerings of equity or equity-related securities. Further sales of shares of our common stock or the availability of shares of our common stock for future sale, including sales of our common stock by investors who view the convertible notes as a more attractive means of equity participation in our Company or in connection with hedging and arbitrage activity that may develop with respect to our common stock, could adversely affect the trading price of our common stock.

A refinancing or restructuring of our maturing indebtedness may involve a debt-for-equity exchange, in which case we may be required to issue to the holders of our maturing indebtedness shares of our common stock representing a significant portion of the equity ownership of our Company. In such an event, the equity ownership of our existing stockholders would be substantially diluted. We also cannot predict what the demand for our common stock will be following any debt-for-equity exchange, how many shares of our common stock will be offered for sale or be sold following any such exchange or the price at which our common stock will trade following any such exchange. Sales of a large number of shares of common stock after any such exchange could materially depress the trading price of our common stock.

We are subject to restrictions on paying dividends on our common stock and we do not intend to pay dividends on our common stock in the foreseeable future.

We do not anticipate that we will be able to pay any dividends on shares of our common stock in the foreseeable future. We intend to retain any future earnings to fund operations, to service debt and to use for other corporate needs. In addition, our amended and restated credit agreement restricts the payment of dividends on our common stock other than in additional shares of our common stock.

We can issue shares of preferred stock that may adversely affect your rights as a holder of our common stock.

Our certificate of incorporation currently authorizes the issuance of five million shares of preferred stock. Our board of directors is authorized to approve the issuance of one or more series of preferred stock without further authorization of our shareholders and to fix the number of shares, the designations, the relative rights and the limitations of any

series of preferred stock. As a result, our board, without shareholder approval, could authorize the issuance of preferred stock with voting, conversion and other rights that could proportionately

S-14

Table of Contents

reduce, minimize or otherwise adversely affect the voting power and other rights of holders of our common stock or other series of preferred stock or that could have the effect of delaying, deferring or preventing a change in our control.

You will experience immediate and substantial dilution in the net tangible book value per share of the common stock you purchase.

You will suffer substantial dilution in the net tangible book value of the common stock you purchase in this offering because the expected price per share of our common stock being offered hereby is substantially higher than the book value per share of our common stock. Assuming all shares in the offering are sold at \$9.58 per share, the last reported sale price of our common stock on NASDAQ on December 2, 2013, if you purchase shares of common stock in this offering you will suffer immediate and substantial dilution of \$61.44 per share in the net tangible book value of the common stock. See **Dilution** on page S-21 of this prospectus supplement for a more detailed discussion of the dilution you will incur in this offering.

We will have broad discretion in how we use the proceeds of this offering and we may not use these proceeds effectively. This could affect our profitability and cause our stock price to decline.

Management and our board of directors will have considerable discretion in the application of the net proceeds of this offering that we receive on or after February 15, 2014, and you will not have the opportunity, as part of your investment decision, to assess whether we are using the proceeds appropriately. We currently intend to use such net proceeds for general corporate and working capital purposes. We may use the net proceeds for corporate purposes that do not improve our profitability or increase our market value, which could cause our stock price to decline. See **Use of Proceeds**.

Table of Contents

FORWARD-LOOKING STATEMENTS

This prospectus supplement and the documents incorporated by reference herein may contain forward-looking statements within the meaning of Section 27A of the Securities Act and Section 21E of the Exchange Act. Such forward-looking statements include, but are not limited to, statements concerning:

our ability to generate sufficient liquidity to satisfy our cash needs and future cash commitments, including (without limitation) our obligations related to our indebtedness and lease and pension funding requirements, and our ability to achieve increased cash flows through improvement in operations;

the pace of recovery in the overall economy, including (without limitation) customer demand in the retail and manufacturing sectors;

the success of our management team in implementing its strategic plan and operational and productivity improvements, including (without limitation) our continued ability to meet high on-time and quality delivery performance standards and our ability to increase volume and yield, and the impact of those improvements on our future liquidity and profitability;

our ability to comply with scheduled increases in financial performance related debt covenants and our cash reserve requirement;

our ability to refinance or restructure our indebtedness, a substantial portion of which matures in late 2014 or early 2015, which otherwise may cause our auditors to include a going concern qualification in the audit opinion for our December 31, 2013 financial statements;

our ability to finance the maintenance, acquisition and replacement of revenue equipment and other necessary capital expenditures;

our dependence on our information technology systems in our network operations and the production of accurate information, and the risk of system failure, inadequacy or security breach;

changes in equity and debt markets;

inclement weather;

price and availability of fuel;

sudden changes in the cost of fuel or the index upon which we base our fuel surcharge and the effectiveness of our fuel surcharge program in protecting us against fuel price volatility;

competition and competitive pressure on service and pricing;

expense volatility, including (without limitation) volatility due to changes in rail service or pricing for rail service;

our ability to comply and the cost of compliance with federal, state, local and foreign laws and regulations, including (without limitation) laws and regulations for the protection of employee safety and health (including new hours-of-service regulations) and the environment;

terrorist attack;

labor relations, including (without limitation) the continued support of our union employees for our strategic plan, the impact of work rules, work stoppages, strikes or other disruptions, our obligations to multi-employer health, welfare and pension plans, wage requirements and employee satisfaction;

the impact of claims and litigation to which we are or may become exposed; and

other risks and contingencies, including (without limitation) the risk factors that are included in our reports filed with the SEC, including those described under **Risk Factors** in our Annual Reports on Form 10-K and Quarterly Reports on Form 10-Q.

Table of Contents

These statements often include words such as believe, expect, anticipate, intend, plan, estimate, or similar expressions. These statements are not guarantees of performance or results and they involve risks, uncertainties, and assumptions. Although we believe that these forward-looking statements are based on reasonable assumptions, there are many factors that could affect our actual financial results or results of operations and could cause actual results to differ materially from those in the forward-looking statements. Factors that could cause or contribute to differences in our future financial results include those discussed in Part I, Item 1A, *Risk Factors*, included within our Annual Report on Form 10-K for the year ended December 31, 2012, which was filed with the SEC on February 21, 2013 and Part II, Item 1A, *Risk Factors*, of our Quarterly Reports on Form 10-Q for the three months ended March 31, 2013, June 30, 2013 and September 30, 2013, which were filed with the SEC on May 3, 2013, August 7, 2013 and November 12, 2013, respectively, as well as those discussed elsewhere in this prospectus supplement or in any document incorporated by reference herein.

There may be other factors that may cause our actual results to differ materially from the forward-looking statements. Our actual results, performance or achievements could differ materially from those expressed in, or implied by, the forward-looking statements. We can give no assurances that any of the events anticipated by the forward-looking statements will occur or, if any of them does, what impact they will have on our results of operations and financial condition. You should carefully read the factors described in the *Risk Factors* section of this prospectus supplement and the documents incorporated by reference into this prospectus supplement for a description of certain risks that could, among other things, cause our actual results to differ from these forward-looking statements.

Forward-looking statements speak only as of the date they were made. We undertake no obligation to update or revise forward-looking statements to reflect events or circumstances that arise after the date made or to reflect the occurrence of unanticipated events, other than as required by law.

Table of Contents

USE OF PROCEEDS

We intend to use the net proceeds from this offering for the repayment of a portion of the \$69.4 million aggregate principal amount of our 6% Notes on or prior to their scheduled maturity on February 15, 2014. We intend to use the net proceeds from this offering that we receive after the repayment of our 6% Notes for general corporate and working capital purposes, which may include the repayment of indebtedness. The net proceeds that we receive from sales of our common stock will depend on the number of shares actually sold and the offering price of such shares. We intend to deposit the net proceeds from this offering that we receive prior to the repayment of our 6% Notes with U.S. Bank National Association, the trustee under the 6% Notes, to be applied towards payment of the principal and interest of the 6% Notes at maturity.

S-18

Table of Contents**CAPITALIZATION**

The following table presents the number of our issued and outstanding shares of common stock and our consolidated cash and cash equivalents and capitalization as of September 30, 2013 on an actual basis.

The information below should be read in conjunction with, and is qualified in its entirety by, the audited consolidated financial statements and schedules and notes thereto included in our Annual Report on Form 10-K for the year ended December 31, 2012, and our unaudited consolidated financial statements and notes thereto included in our Quarterly Report on Form 10-Q for the three and nine-month periods ended September 30, 2012 and 2013, and management's discussion and analysis thereon, each as incorporated by reference into this prospectus supplement.

| <i>(in millions, except share data)</i> | As of September 30, 2013 |
|--|---|
| Cash and cash equivalents | \$ 170.5 |
| Long-term debt (including current portion): | |
| Restructured Term Loan (1) | \$ 343.9 |
| Term A Facility (2) | 102.2 |
| Term B Facility (3) | 215.4 |
| Series A Notes (4) | 152.9 |
| Series B Notes (5) | 56.1 |
| 6% Notes (6) | 66.9 |
| A&R Contribution Deferral Agreement (7) | 124.1 |
| Lease financing obligations | 299.3 |
| Other | 0.2 |
| Total long-term debt (including current portion) | 1,361.0 |
| Shareholders' deficit: | |
| Preferred stock, \$1 par value; 5,000,000 authorized, 1 share issued and outstanding as of September 30, 2013 | |
| Common stock, \$0.01 par value per share; 33,333,333 authorized, 10,814,959 shares issued and outstanding as of September 30, 2013 | 0.1 |
| Capital surplus | 1,964.0 |
| Accumulated deficit | (2,154.6) |
| Accumulated other comprehensive loss | (382.6) |
| Treasury stock, at cost (410 shares) | (92.7) |
| Total shareholders' deficit | (655.8) |
| Total capitalization | \$ 705.2 |

Edgar Filing: YRC Worldwide Inc. - Form 424B5

- (1) Represents outstanding borrowings under our amended and restated credit agreement, which matures on March 31, 2015.
- (2) Represents outstanding borrowings under our \$175.0 million ABL first-out delayed draw term loan facility, which terminates on September 30, 2014.
- (3) Represents outstanding borrowings under our \$225.0 million ABL last-out term loan facility, which terminates on September 30, 2014.
- (4) Represents our Series A Notes that mature on March 31, 2015.
- (5) Represents our Series B Notes that mature on March 31, 2015.
- (6) Represent our 6% Notes that mature on February 15, 2014.

S-19

Table of Contents

- (7) Certain of our subsidiaries are parties to the amended and restated contribution deferral agreement (the A&R CDA) with certain multiemployer pension funds named therein (collectively, the Funds) pursuant to which we are permitted to continue to defer pension payments and deferred interest owed to such Funds as of July 22, 2011. The A&R CDA is scheduled to mature on March 31, 2015.

S-20

Table of Contents**DILUTION**

If you purchase common stock in this offering, your interest will be diluted to the extent of the excess of the public offering price per common share over the as-adjusted net tangible book value per common share after this offering. Net tangible book value per share represents the amount of our total tangible assets reduced by the amount of our total liabilities, divided by the total number of shares of common stock issued and outstanding. As at September 30, 2013, we had a negative net tangible book value of \$750.7 million, or approximately (\$68.55) per share of common stock.

After (i) giving effect to the sale of our common stock in the aggregate amount of \$28.7 million at an assumed offering price of \$9.58 per share, the last reported sale price of our common stock on NASDAQ on December 2, 2013, and (ii) deducting estimated offering commissions and expenses of \$1.5 million, or \$0.51 per share, payable by us, we would have had a negative net tangible book value at September 30, 2013 of \$723.5 million, or (\$51.86) per common share. This represents an immediate increase in the net tangible book value of \$16.69 per share to our existing shareholders and an immediate and substantial dilution in net tangible book value of \$61.44 per share to new investors. The following table illustrates this per share dilution:

| | |
|---|------------|
| Assumed offering price per share | \$ 9.58 |
| Net tangible book value per share as at September 30, 2013 | (\$ 68.55) |
| Increase in net tangible book value per share attributable to this offering | 16.69 |
| As-adjusted net tangible book value per share after this offering | (\$ 51.86) |
| Net dilution per share to new investors | \$ 61.44 |

The table above assumes for illustrative purposes that an aggregate of 3,000,000 of our shares of common stock are sold at a price of \$9.58 per share, the last reported sale price of our common stock on NASDAQ on December 2, 2013, for aggregate gross proceeds of \$28.7 million. The shares of common stock sold in this offering, if any, will be sold from time to time at various prices. An increase of \$1.00 per share in the price at which the common stock is sold from the assumed offering price of \$9.58 per share shown in the table above, assuming all of our common stock in the aggregate amount of 3,000,000 shares are sold at that price, would increase the dilution in net tangible book value per share to new investors in this offering to \$62.23 per share, after deducting commissions and estimated aggregate offering expenses payable by us. A decrease of \$1.00 per share in the price at which the shares of common stock are sold from the assumed offering price of \$9.58 per share shown in the table above, assuming all of our common stock in the aggregate amount of 3,000,000 shares are sold at that price, would decrease the dilution in net tangible book value per share to new investors in this offering to \$60.65 per share, after deducting commissions and estimated aggregate offering expenses payable by us. This information is supplied for illustrative purposes only.

Table of Contents**PRICE RANGE OF COMMON STOCK AND DIVIDEND POLICY**

Shares of our common stock are quoted on NASDAQ under the symbol YRCW. The following table sets forth, for the quarters indicated, the range of high and low sale prices for our common stock as reported on NASDAQ. The stock price information is based on data provided by Bloomberg Finance.

| | High | Low |
|---|--------------|------------|
| Fiscal year ending December 31, 2013 | | |
| First Quarter | \$ 9.60 | \$ 5.75 |
| Second Quarter | 30.49 | 6.69 |
| Third Quarter | 36.99 | 14.39 |
| Fourth Quarter (through December 2, 2013) | 17.99 | 7.06 |
| Fiscal year ending December 31, 2012 | | |
| First Quarter | \$ 14.80 | \$ 6.39 |
| Second Quarter | 8.66 | 4.56 |
| Third Quarter | 7.54 | 5.01 |
| Fourth Quarter | 8.25 | 6.48 |
| Fiscal year ending December 31, 2011 | | |
| First Quarter | \$ 1,584.00* | \$ 357.00* |
| Second Quarter | 663.00* | 165.00* |
| Third Quarter | 423.00* | 12.90* |
| Fourth Quarter | 15.25 | 9.00* |

* As adjusted to give retroactive effect to the one-for-three hundred (1:300) reverse stock split of our common stock on December 1, 2011.

The foregoing table shows only historical comparisons. These comparisons may not provide meaningful information to you in determining whether to purchase shares of our common stock. You are urged to obtain current market quotations for our common stock and to review carefully the other information contained in or incorporated by reference into this prospectus supplement and the accompanying prospectus.

On December 2, 2013, the closing price of our common stock was \$9.58 per share. There were 10,931,029 shares of our common stock outstanding and approximately 143 registered holders of our common stock as of November 15, 2013.

No dividends on our common stock were declared or paid during the past three years, and no dividends are anticipated to be declared or paid on our common stock in the foreseeable future. We intend to retain any future earnings to fund operations, to service debt and to use for other corporate needs. In addition, our amended and restated credit agreement restricts the payment of dividends on our common stock other than in additional shares of our common stock. Any payment of dividends in the future will be determined by our board of directors and will depend on business conditions, our financial condition, our earnings, restrictions and limitations imposed under our various debt instruments or financing facilities, and other factors.

Table of Contents

PLAN OF DISTRIBUTION

We have entered into an At Market Issuance Sales Agreement with MLV & Co., LLC (MLV) under which we may issue and sell our common stock from time to time through MLV acting as agent, subject to certain limitations, including the number of shares registered under the registration statement to which the offering relates. The form of the sales agreement was filed as an exhibit to a report filed under the Exchange Act and is incorporated by reference in this prospectus supplement. The sales, if any, of shares made under the sales agreement will be made by any method that is deemed an at the market offering as defined in Rule 415 promulgated under the Securities Act, including sales made directly on or through NASDAQ, the existing trading market for our common stock, sales made to or through a market maker other than on an exchange or otherwise, in negotiated transactions at market prices, and/or any other method permitted by law. We may instruct MLV not to sell common stock if the sales cannot be effected at or above the price designated by us from time to time. We or MLV may suspend the offering of common stock upon notice and subject to other conditions.

Each time we wish to issue and sell common stock under the sales agreement, we will notify MLV of the number of shares to be issued, the dates on which such sales are anticipated to be made, any minimum price below which sales may not be made and other sales parameters as we deem appropriate. Once we have so instructed MLV, unless MLV declines to accept the terms of the notice, MLV has agreed to use its commercially reasonable efforts consistent with its normal trading and sales practices to sell such shares up to the amount specified on such terms. The obligations of MLV under the sales agreement to sell our common stock are subject to a number of conditions that we must meet.

We will pay MLV commissions for its services in acting as agent in the sale of common stock. MLV will be entitled to a commission in an amount equal to 3% of the gross proceeds from the sale of common stock offered hereby. We estimate that the total expenses for the offering, excluding compensation payable to MLV under the terms of the sales agreement, will be approximately \$670 thousand.

Settlement for sales of common stock will generally occur on the third business day following the date on which any sales are made, or on some other date that is agreed upon by us and MLV in connection with a particular transaction, in return for payment of the net proceeds to us. There is no arrangement for funds to be received in an escrow, trust or similar arrangement.

In connection with the sale of the common stock on our behalf, MLV may, and will with respect to sales effected in an at the market offering, be deemed to be an underwriter within the meaning of the Securities Act and the compensation of MLV may be deemed to be underwriting commissions or discounts. We have agreed to provide indemnification and contribution to MLV against certain civil liabilities, including liabilities under the Securities Act.

The offering of our common stock pursuant to the sales agreement will terminate upon the earlier of (i) the sale of all of our common stock provided for in this prospectus supplement or (ii) termination of the sales agreement as provided therein.

MLV and its affiliates may in the future provide various investment banking and other financial services for us and our affiliates, for which services they may in the future receive customary fees. To the extent required by Regulation M, MLV will not engage in any market making activities involving our common stock while the offering is ongoing under this prospectus supplement.

Table of Contents

CERTAIN U.S. FEDERAL INCOME TAX CONSIDERATIONS FOR NON-U.S. HOLDERS

Overview

The following is a general summary of certain U.S. federal income and estate tax consequences to non-U.S. holders, as defined below, of the purchase, ownership and disposition of shares of our common stock. This summary deals only with shares of common stock purchased in this offering that are held as capital assets (generally, property held for investment) within the meaning of Section 1221 of the U.S. Internal Revenue Code of 1986, as amended (the Code) by a non-U.S. holder.

For purposes of this discussion, a non-U.S. holder means a beneficial owner of shares of our common stock that is, for U.S. federal income tax purposes, an individual, corporation, estate or trust, but is not any of the following:

an individual who is a citizen or resident of the United States, as defined for U.S. federal income tax purposes;

a corporation (or other entity treated as a corporation for U.S. federal income tax purposes) created or organized under the laws of the United States, any state thereof or the District of Columbia;

an estate the income of which is subject to U.S. federal income taxation regardless of its source; or

a trust if it (1) is subject to the primary supervision of a court within the United States and one or more U.S. persons have the authority to control all substantial decisions of the trust or (2) has a valid election in effect under applicable U.S. Treasury regulations to be treated as a U.S. person for U.S. federal income tax purposes.

If any entity or arrangement treated as a partnership for U.S. federal income tax purposes holds shares of our common stock, the tax treatment of a partner in such partnership generally will depend upon the status of the partner and the activities of the partner and the partnership. If you are a partnership or a partner of a partnership considering an investment in shares of our common stock, you should consult your own tax advisors.

This summary is based upon the Code applicable U.S. Treasury regulations, rulings and other administrative pronouncements and judicial decisions, all as of the date hereof. Those authorities are subject to different interpretations and may be changed, perhaps retroactively, so as to result in U.S. federal income tax consequences different from those summarized below. We cannot assure you that a change in law will not alter significantly the tax considerations described in this summary.

This summary does not address all aspects of U.S. federal income and estate taxation. This summary does not deal with the alternative minimum tax or U.S. federal taxes other than U.S. federal income and estate taxes (such as gift taxes or the Medicare tax on certain investment income) or with foreign, state or local tax or tax treaty considerations that may be relevant to non-U.S. holders. In addition, this summary does not describe the U.S. federal income tax consequences applicable to you if you are subject to special treatment under U.S. federal income tax laws (including if you are a former citizen or resident of the U.S., an entity subject to United States anti-inversion rules, a financial institution, an insurance company, a tax-exempt entity, a trader, broker or dealer in securities, commodities or

currencies, a trader that elects to mark to market your securities, a controlled foreign corporation, a passive foreign investment company, an entity treated as a partnership or other pass-through entity for U.S. federal income tax purposes (or an investor in such a pass-through entity), a person who acquired shares of our common stock as compensation or otherwise in connection with the performance of services, or a person who has acquired shares of our common stock as part of a straddle, hedge, conversion transaction or other integrated investment). Such non-U.S. holders should consult their own tax advisors to determine the U.S. federal, state, local, tax treaty and other tax consequences that may be relevant to them.

We have not sought and do not expect to seek any rulings from the U.S. Internal Revenue Service (the IRS) regarding the matters discussed below. There can be no assurance that the IRS or a court will not take

S-24

Table of Contents

positions concerning the tax consequences of the purchase ownership or disposition of shares of our common stock that differ from those discussed below.

This summary is for general information only and is not intended to constitute a complete description of all U.S. federal income and estate tax consequences for non-U.S. holders relating to the purchase ownership and disposition of shares of our common stock. If you are considering the purchase of shares of our common stock, you should consult your own tax advisors concerning the particular U.S. federal income and estate tax consequences to you of the purchase ownership and disposition of shares of our common stock, as well as the consequences to you arising under other U.S. federal, state and local tax laws and the laws of any other applicable taxing jurisdiction and any applicable tax treaty in light of your particular circumstances.

Distributions

As described in the section entitled *Price Range of Common Stock and Dividend Policy*, we do not currently anticipate declaring or paying cash dividends to holders of our common stock in the foreseeable future. However, subject to the discussions below on backup withholding and FATCA withholding, in the event we do make distributions of cash or other property in respect of shares of our common stock (or certain redemptions that are treated as distributions with respect to common stock), such distributions generally will constitute dividends for U.S. federal income tax purposes to the extent paid from our current or accumulated earnings and profits, as determined under U.S. federal income tax principles. To the extent any such distributions exceed both our current and our accumulated earnings and profits, they will first be treated as a return of capital allocated ratably among the shares of common stock held by a U.S. holder, reducing your tax basis in each share of our common stock, but not below zero (with respect to any share), and then will be treated as gain from the sale of stock as described below under *Gain on Disposition of Shares of Common Stock*. Your adjusted tax basis in a share is generally the purchase price of such share, reduced by the amount of any previous such tax-free returns of capital.

Subject to the discussion below on effectively connected income, dividends paid to a non-U.S. holder generally will be subject to a U.S. federal withholding tax at a 30% rate, or such lower rate as may be specified by an applicable income tax treaty. U.S. federal withholding tax may be imposed on the gross amount of a distribution, due to the difficulty of determining whether we have sufficient earnings and profits to cause the distribution to be a dividend for U.S. federal income tax purposes.

However, dividends paid to a non-U.S. holder that are effectively connected with the conduct of a trade or business within the United States by the non-U.S. holder generally will not be subject to such withholding tax, provided certain certification and disclosure requirements are satisfied (including the provision of a properly completed IRS Form W-8ECI or other applicable form). Instead, unless an applicable income tax treaty provides otherwise, such dividends will generally be subject to U.S. federal income tax on a net income basis in the same manner as if the non-U.S. holder were a U.S. person as defined under the Code. A corporate non-U.S. holder may be subject to an additional branch profits tax at a rate of 30% on its earnings and profits (subject to adjustments) that are effectively connected with its conduct of a U.S. trade or business (unless an applicable income tax treaty provides otherwise).

A non-U.S. holder of shares of our common stock who wishes to claim the benefit of an applicable treaty rate for dividends will be required (a) to complete IRS Form W-8BEN (or other applicable form) and certify under penalty of perjury that such holder is not a United States person as defined under the Code and is eligible for treaty benefits or (b) if shares of our common stock are held through certain foreign intermediaries, satisfy the relevant certification requirements of applicable U.S. Treasury regulations. Alternatively, if you are eligible for a reduced rate of U.S. federal withholding tax pursuant to an income tax treaty, then you may be able to obtain a refund or credit of any excess amounts withheld by timely filing an appropriate claim with the IRS.

Table of Contents

Gain on Disposition of Shares of Common Stock

Subject to the discussion below on backup withholding and FATCA withholding, any gain realized by a non-U.S. holder on the sale, exchange or other disposition of shares of our common stock generally will not be subject to U.S. federal income tax unless:

the gain is effectively connected with a trade or business of the non-U.S. holder in the United States (and, if required by an applicable income tax treaty, is attributable to a U.S. permanent establishment);

the non-U.S. holder is an individual who is present in the United States for 183 days or more in the taxable year of that disposition, and certain other conditions are met; or

we are or have been a U.S. real property holding corporation (USRPHC) for U.S. federal income tax purposes at any time during the shorter of the five-year period ending on the date of the disposition or the period that the non-U.S. holder held shares of our common stock.

In the case of a non-U.S. holder described in the first bullet point above, any gain generally will be subject to U.S. federal income tax on a net income basis in the same manner as if the non-U.S. holder were a United States person as defined under the Code (unless an applicable income tax treaty provides otherwise), and a non-U.S. holder that is a foreign corporation may also be subject to the branch profits tax at a rate of 30% on its effectively connected earnings and profits (subject to adjustments), unless an applicable income tax treaty provides otherwise. Except as otherwise provided by an applicable income tax treaty, an individual non-U.S. holder described in the second bullet point above will be subject to a flat 30% tax on any gain derived from the disposition, which may be offset by certain U.S. source capital losses of the non-U.S. holder (even though the individual is not considered a resident of the United States for U.S. federal income tax purposes), provided the non-U.S. holder has timely filed U.S. federal income tax returns with respect to such losses.

In order to be a USRPHC, the fair market value of our U.S. real property interests would need to equal or exceed 50% of the sum of the fair market value of (1) our worldwide real property interests and (2) other assets used or held for use in a trade or business. We believe we are not currently a USRPHC and we do not currently anticipate becoming a USRPHC in the future. However, even if we are or become a USRPHC, so long as our common stock is regularly traded, as defined by applicable U.S. Treasury regulations, on an established securities market, a non-U.S. holder will be subject to U.S. federal income tax on any gain arising from the sale or other taxable disposition of our common stock only if such non-U.S. holder actually or constructively owned more than 5% of our outstanding common stock at any time during the applicable period. If we are or become a USRPHC and you actually or constructively owned more than 5% of our common stock at any time during the specified testing period, you will be subject to tax on the net gain derived from the sale under regular graduated U.S. federal income tax rates. You should consult your own tax advisor about the consequences that could result if we are, or become, a USRPHC.

Information Reporting and Backup Withholding

The amount of dividends paid to each non-U.S. holder, and the tax withheld with respect to such dividends will be reported annually to the IRS and to each such holder. Copies of the information returns reporting such dividends and any withholding may also be made available to the tax authorities in the country in which the non-U.S. holder resides or is established under the provisions of an applicable income tax treaty or agreement.

Edgar Filing: YRC Worldwide Inc. - Form 424B5

A non-U.S. holder generally will be subject to backup withholding (currently at a rate of 28%) with respect to dividends paid to such holder unless such holder certifies under penalty of perjury that it is not a United States person (as defined under the Code) and the payor does not have actual knowledge or reason to know that such holder is a United States person as defined under the Code, or such holder otherwise establishes an exemption.

Information reporting and, depending on the circumstances, backup withholding will apply to the proceeds of a sale or other disposition by a non-U.S. holder of shares of our common stock within the United States or

S-26

Table of Contents

conducted through certain U.S.-related financial intermediaries unless such non-U.S. holder certifies under penalty of perjury that it is not a United States person (as defined under the Code), and the payor does not have actual knowledge or reason to know that the non-U.S. holder is a United States person, or such non-U.S. holder otherwise establishes an exemption.

Backup withholding is not an additional tax. Any amounts withheld under the backup withholding rules may be allowed as a refund or a credit against a non-U.S. holder's U.S. federal income tax liability provided the required information is timely furnished to the IRS.

Legislation Affecting Taxation of Common Stock Held by or through Foreign Entities

In addition to the withholding discussed above, legislation enacted in 2010, known as the Foreign Account Tax Compliance Act (FATCA) generally imposes a withholding tax of 30% on dividends paid on our common stock and on the gross proceeds of a sale or other disposition of our common stock, if the payments are made to certain foreign entities, unless certain diligence, reporting, withholding and certification obligations and requirements are met. Recently finalized U.S. Treasury regulations delay the implementation of withholding under FATCA with respect to dividends until after June 30, 2014, and with respect to payments of gross proceeds of a sale or other disposition until after December 31, 2016.

The withholding under FATCA described above generally applies to payments of dividends or gross proceeds made to (i) a foreign financial institution (as a beneficial owner or an intermediary), unless such institution enters into an agreement with the U.S. government to collect and provide to the U.S. tax authorities substantial information regarding U.S. account holders of such institution (which would include certain equity and debt holders of such institution, as well as certain account holders that are foreign entities with U.S. owners) and (ii) a foreign entity acting as a beneficial owner or an intermediary that is not a foreign financial institution, unless such entity makes a certification identifying its substantial U.S. owners (as defined for this purpose) or makes a certification that such foreign entity does not have any substantial U.S. owners. Foreign financial institutions located in jurisdictions that have an intergovernmental agreement with the United States governing FATCA may be subject to different rules. Under certain circumstances, a non-U.S. holder of our common stock might be eligible for refunds or credits of such withholding taxes, and a non-U.S. holder might be required to file a U.S. federal income tax return to claim such refunds or credits.

Non-U.S. holders should consult their own tax advisors regarding the implications of this legislation on their investment in our common stock.

U.S. Federal Estate Tax

Shares of our common stock that are owned (or deemed to be owned) at the time of death by a non-U.S. holder who is an individual will be includable in such non-U.S. holder's gross estate for U.S. federal estate tax purposes, unless an applicable estate tax treaty provides otherwise, and therefore may be subject to U.S. federal estate tax.

THE SUMMARY OF CERTAIN U.S. FEDERAL INCOME AND ESTATE TAX CONSIDERATIONS ABOVE IS INCLUDED FOR GENERAL INFORMATION PURPOSES ONLY. POTENTIAL PURCHASERS OF OUR COMMON STOCK ARE URGED TO CONSULT THEIR OWN TAX ADVISORS TO DETERMINE THE U.S. FEDERAL, STATE, LOCAL AND NON-U.S. INCOME, ESTATE AND OTHER TAX AND TAX TREATY CONSIDERATIONS OF PURCHASING, OWNING AND DISPOSING OF OUR COMMON STOCK.

Table of Contents

LEGAL MATTERS

Certain legal matters with respect to the securities offered in this prospectus supplement have been passed upon by Kirkland & Ellis LLP, Chicago, Illinois. Certain legal matters have been passed upon by LeClairRyan, A Professional Corporation, New York, New York, for the sales agent.

EXPERTS

The consolidated financial statements and schedule of YRCW as of December 31, 2012 and 2011, and for each of the years in the three-year period ended December 31, 2012, and management's assessment of the effectiveness of internal control over financial reporting as of December 31, 2012 have been incorporated by reference herein and in the registration statement in reliance upon the reports of KPMG LLP, independent registered public accounting firm, incorporated by reference herein, and upon the authority of said firm as experts in accounting and auditing.

S-28

Table of Contents

PROSPECTUS

Up to \$350,000,000

YRC Worldwide Inc.

Debt Securities

Common Stock

Preferred Stock

Depository Shares

Warrants

Purchase Contracts

Units

Subscription Rights

YRC Worldwide Inc. may offer and sell up to an aggregate of \$350,000,000, from time to time, in one or more offerings, of any combination of the following types of securities:

debt securities, in one or more series, which may be senior debt securities or subordinated debt securities and secured debt securities or unsecured debt securities, in each case consisting of notes or other evidences of indebtedness;

warrants to purchase debt securities;

shares of our common stock;

warrants to purchase common stock;

shares of our preferred stock;

depository shares;

purchase contracts;

units;

subscription rights; or

any combination of these securities.

Some or all of our subsidiaries may guarantee some or all of our debt securities. The securities may be offered separately or together in any combination and as separate series.

This prospectus describes some of the general terms that may apply to these securities and the general manner in which they may be offered. The specific terms of any securities to be offered, and the specific manner in which they may be offered, will be described in one or more supplements to this prospectus. This prospectus may not be used to sell securities unless accompanied by a prospectus supplement. Before investing, you should carefully read this prospectus and any related prospectus supplement including any documents incorporated or deemed incorporated by reference into this prospectus or any prospectus supplement. The prospectus supplements may also add, update or change information contained in this prospectus.

Our common stock is traded on the Nasdaq Global Select Market under the symbol YRCW. If we decide to list or seek a listing for any other securities, the related prospectus supplement will disclose the exchange or market on which the securities will be listed or where we have made an application for listing, as applicable.

Investing in our debt securities, common stock, preferred stock, depository shares, warrants, purchase contracts and units involves risks. You should carefully consider the risk factors referred to on page 5 of this prospectus, in any applicable prospectus supplement and in the documents incorporated or deemed incorporated by reference in this prospectus or any applicable prospectus supplement before investing in our securities.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is August 29, 2013.

Table of Contents**TABLE OF CONTENTS**

| | |
|---|-----|
| <u>ABOUT THIS PROSPECTUS</u> | i |
| <u>WHERE YOU CAN FIND MORE INFORMATION</u> | ii |
| <u>INCORPORATION OF CERTAIN INFORMATION BY REFERENCE</u> | ii |
| <u>FORWARD-LOOKING STATEMENTS</u> | iii |
| <u>OUR COMPANY</u> | 1 |
| <u>RISK FACTORS</u> | 5 |
| <u>USE OF PROCEEDS</u> | 5 |
| <u>RATIO OF EARNINGS TO FIXED CHARGES</u> | 5 |
| <u>DESCRIPTION OF DEBT SECURITIES AND GUARANTEES</u> | 6 |
| <u>DESCRIPTION OF OUR CAPITAL STOCK</u> | 22 |
| <u>DESCRIPTION OF DEPOSITARY SHARES</u> | 27 |
| <u>DESCRIPTION OF WARRANTS</u> | 30 |
| <u>DESCRIPTION OF PURCHASE CONTRACTS AND PURCHASE UNITS</u> | 32 |
| <u>DESCRIPTION OF UNITS</u> | 33 |
| <u>DESCRIPTION OF SUBSCRIPTION RIGHTS</u> | 34 |
| <u>PLAN OF DISTRIBUTION</u> | 36 |
| <u>LEGAL MATTERS</u> | 38 |
| <u>EXPERTS</u> | 38 |

ABOUT THIS PROSPECTUS

This prospectus is a part of a registration statement that we filed with the Securities and Exchange Commission (the SEC) utilizing a shelf registration process. Under this shelf registration process, we may sell any combination of the securities described in this prospectus in one or more offerings from time to time. This prospectus provides you with a general description of the securities we may offer. Each time we sell securities under this shelf registration, we will provide a prospectus supplement that will contain specific information about the terms of that offering. The prospectus supplement may also add, update or change information contained in this prospectus. Therefore, if there is any inconsistency between the information contained or incorporated by reference in this prospectus and the prospectus supplement, you should rely on the information in the prospectus supplement (including any information incorporated by reference therein). You should read both this prospectus and any prospectus supplement together with additional information described under the heading Where You Can Find More Information.

We have not authorized any dealer, salesman or other person to give any information or to make any representation other than those contained or incorporated by reference in this prospectus and the accompanying supplement to this prospectus. You must not rely upon any information or representation not contained or incorporated by reference in this prospectus or the accompanying prospectus supplement. This prospectus and the accompanying prospectus

supplement do not constitute an offer to sell or the solicitation of an offer to buy any securities other than the registered securities to which they relate, nor do this prospectus and the accompanying prospectus supplement constitute an offer to sell or the solicitation of an offer to buy securities in any jurisdiction

Table of Contents

to any person to whom it is unlawful to make such offer or solicitation in such jurisdiction. You should not assume that the information contained in this prospectus and the accompanying prospectus supplement is accurate on any date subsequent to the date set forth on the front of the document or that any information we have incorporated by reference is correct on any date subsequent to the date of the document incorporated by reference, even though this prospectus and any accompanying prospectus supplement is delivered or securities are sold on a later date.

Unless the context indicates otherwise, as used in this prospectus: (i) the Company, us, we, our and YRCW refer to YRC Worldwide Inc. and its consolidated subsidiaries and their respective predecessors; (ii) YRC Worldwide refers to YRC Worldwide Inc., exclusive of its subsidiaries; (iii) our common stock refers to the common stock of YRC Worldwide and similar references to other securities that we have issued or may issue under this registration statement refers only to YRC Worldwide as the issuer of such securities; and (iv) this prospectus refers to this prospectus and any applicable prospectus supplement.

WHERE YOU CAN FIND MORE INFORMATION

We are currently subject to the information requirements of the Securities Exchange Act of 1934, as amended (the Exchange Act) and in accordance therewith file periodic reports, proxy statements and other information with the Securities and Exchange Commission (the SEC). You may read and copy (at prescribed rates) any such reports, proxy statements and other information at the SEC 's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the operation of the public reference room. Our SEC filings will also be available to you on the SEC 's website at <http://www.sec.gov>.

We have filed with the SEC a registration statement on Form S-3 with respect to the securities offered hereby. This prospectus does not contain all the information set forth in the registration statement, parts of which are omitted in accordance with the rules and regulations of the SEC. For further information with respect to us and the securities offered hereby, reference is made to the registration statement, including the exhibits thereto, and any prospectus supplement.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to incorporate by reference information into this prospectus, which means that we can disclose important information about us by referring you to another document filed separately with the SEC. The information incorporated by reference is considered to be a part of this prospectus. This prospectus incorporates by reference the documents and reports listed below (other than portions of these documents that are either (1) described in paragraph (e) of Item 201 of Registration S-K or paragraphs (d)(1)-(3) and (e)(5) of Item 407 of Regulation S-K promulgated by the SEC or (2) furnished under Item 2.02 or Item 7.01 of a Current Report on Form 8-K (including any exhibits included with such items)):

our Annual Report on Form 10-K for the fiscal year ended December 31, 2012 filed with the SEC on February 21, 2013, including the information specifically incorporated in our Annual Report on Form 10-K from our Definitive Proxy Statement on Schedule 14A filed with the SEC on March 20, 2013;

our Quarterly Reports on Form 10-Q for the fiscal quarters ended March 31 and June 30, 2013 filed with the SEC on May 3 and August 7, 2013, respectively;

our Current Report on Form 8-K filed with the SEC on March 19, 2013; and

the description of the number of authorized shares of our capital stock as set forth in Exhibit 3.1 to our Current Report on Form 8-K filed with the SEC on December 1, 2011, and the description of our common stock, par value \$0.01 per share, contained in our Registration Statement on Form 10 filed with the SEC under the Exchange Act (Commission File No. 1-2255).

Table of Contents

We also incorporate by reference the information contained in all other documents we file with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act (other than portions of these documents that are either (1) described in paragraph (e) of Item 201 of Registration S-K or paragraphs (d)(1)-(3) and (e)(5) of Item 407 of Regulation S-K promulgated by the SEC or (2) furnished under Item 2.02 or Item 7.01 of a Current Report on Form 8-K, unless otherwise indicated therein) after the date of this prospectus and prior to the termination of the offerings under this prospectus. The information contained in any such document will be considered part of this prospectus from the date the document is filed with the SEC.

Any statement contained in a document incorporated or deemed to be incorporated by reference in this prospectus will be deemed to be modified or superseded to the extent that a statement contained herein or in any other subsequently filed document which also is or is deemed to be incorporated by reference in this prospectus modifies or supersedes that statement. Any statement so modified or superseded will not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

If you make a request for such information in writing or by telephone, we will provide you, without charge, a copy of any or all of the information incorporated by reference into this prospectus. Any such request should be directed to:

YRC Worldwide Inc.

10990 Roe Avenue

Overland Park, Kansas 66211

Attention: Investor Relations

(913) 696-6100

FORWARD-LOOKING STATEMENTS

This prospectus, any accompanying prospectus supplement and the documents incorporated by reference herein and therein may contain forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the Securities Act) and Section 21E of the Exchange Act. Such forward-looking statements include, but are not limited to, statements concerning:

our ability to generate sufficient liquidity to satisfy our cash needs and future cash commitments, including (without limitation) our obligations related to our indebtedness and lease and pension funding requirements, and our ability to achieve increased cash flows through improvement in operations;

the pace of recovery in the overall economy, including (without limitation) customer demand in the retail and manufacturing sectors;

the success of our management team in implementing its strategic plan and operational and productivity improvements, including (without limitation) our continued ability to meet high on-time and quality delivery performance standards and our ability to increase volume and yield, and the impact of those improvements

on our future liquidity and profitability;

our ability to comply with scheduled increases in debt covenants and our cash reserve requirement;

our ability to refinance or restructure our indebtedness, a substantial portion of which matures in late 2014 or early 2015;

our ability to finance the maintenance, acquisition and replacement of revenue equipment and other necessary capital expenditures;

iii

Table of Contents

our dependence on our information technology systems in our network operations and the production of accurate information, and the risk of system failure, inadequacy or security breach;

changes in equity and debt markets;

inclement weather;

price and availability of fuel;

sudden changes in the cost of fuel or the index upon which we base our fuel surcharge and the effectiveness of our fuel surcharge program in protecting us against fuel price volatility;

competition and competitive pressure on service and pricing;

expense volatility, including (without limitation) volatility due to changes in rail service or pricing for rail service;

our ability to comply and the cost of compliance with federal, state, local and foreign laws and regulations, including (without limitation) laws and regulations for the protection of employee safety and health (including new hours-of-service regulations) and the environment;

terrorist attack;

labor relations, including (without limitation) the continued support of our union employees for our strategic plan, the impact of work rules, work stoppages, strikes or other disruptions, our obligations to multi-employer health, welfare and pension plans, wage requirements and employee satisfaction;

the impact of claims and litigation to which we are or may become exposed; and

other risks and contingencies, including (without limitation) the risk factors that are included in our reports filed with the SEC, including those described under **Risk Factors** in our Annual Report on Form 10-K and Quarterly Reports on Form 10-Q.

These statements often include words such as **believe**, **expect**, **anticipate**, **intend**, **plan**, **estimate**, or similar expressions. These statements are not guarantees of performance or results and they involve risks, uncertainties, and assumptions. Although we believe that these forward-looking statements are based on reasonable assumptions, there are many factors that could affect our actual financial results or results of operations and could cause actual results to differ materially from those in the forward-looking statements. Factors that could cause or contribute to differences in our

future financial results include those discussed in Part I, Item 1A, *Risk Factors*, included within our Annual Report on Form 10-K for the year ended December 31, 2012, which was filed with the SEC on February 21, 2013 and Part II, Item 1A, *Risk Factors*, of our Quarterly Reports on Form 10-Q for the three months ended March 31, 2013 and June 30, 2013, which were filed with the SEC on May 3, 2013 and August 7, 2013, respectively, as well as those discussed elsewhere in this prospectus, any accompanying prospectus supplement or in any document incorporated by reference herein or therein.

There may be other factors that may cause our actual results to differ materially from the forward-looking statements. Our actual results, performance or achievements could differ materially from those expressed in, or implied by, the forward-looking statements. We can give no assurances that any of the events anticipated by the forward-looking statements will occur or, if any of them does, what impact they will have on our results of operations and financial condition. You should carefully read the factors described in the *Risk Factors* section of this prospectus and the documents incorporated by reference into this prospectus for a description of certain risks that could, among other things, cause our actual results to differ from these forward-looking statements.

Forward-looking statements speak only as of the date they were made. We undertake no obligation to update or revise forward-looking statements to reflect events or circumstances that arise after the date made or to reflect the occurrence of unanticipated events, other than as required by law.

Table of Contents

OUR COMPANY

Overview

YRC Worldwide is a holding company that, through wholly owned operating subsidiaries and its interest in a Chinese joint venture, offers its customers a wide range of transportation services. We have one of the largest, most comprehensive less-than-truckload (LTL) networks in North America with local, regional, national and international capabilities. Through our team of experienced service professionals, we offer industry-leading expertise in heavyweight shipments and flexible supply chain solutions, ensuring customers can ship industrial, commercial and retail goods with confidence. Our reporting segments include the following:

YRC Freight is the reporting segment focused on business opportunities in national, regional and international services. YRC Freight provides for the movement of industrial, commercial and retail goods, primarily through centralized management and customer facing organizations. This segment includes our LTL subsidiary YRC Inc. (YRC Freight) and Reimer Express (YRC Reimer), a subsidiary located in Canada that specializes in shipments into, across and out of Canada. In addition to the United States and Canada, YRC Freight also serves parts of Mexico, Puerto Rico and Guam.

Regional Transportation is the reporting segment for our transportation service providers focused on business opportunities in the regional and next-day delivery markets. Regional Transportation is comprised of USF Holland (Holland), New Penn Motor Express (New Penn) and USF Reddaway (Reddaway). These companies each provide regional, next-day ground services in their respective regions through a network of facilities located across the United States, Canada, Mexico and Puerto Rico.

In 2011 and 2010, we reported Truckload as a separate segment, which consisted of Glen Moore, a former domestic truckload carrier. On December 15, 2011, we sold the majority of Glen Moore's assets to a third party and concluded its operations.

Our business experienced net losses in each of fiscal 2012, 2011 and 2010 and for the six-month period ended June 30, 2013. Net losses in fiscal 2012, 2011 and 2010 were \$136.5 million, \$354.4 million and \$327.8 million, respectively. Net loss was \$39.6 million for the six-months ended June 30, 2013. Contributing factors to our net losses in fiscal 2012, 2011 and 2010 were the challenges facing transportation services generally as a result of the prolonged slow economic recovery, competitive pressures in the LTL industry stemming from excess capacity that resulted in lower profit margins, interest expense and financing costs, and our operating cost structure. In each of 2009 and 2011, we implemented financial restructurings to improve our balance sheet and to provide additional operating liquidity. Since our restructuring in 2011, our new senior management team and board of directors have put strategies in place that are focused on driving productivity and efficiency improvements. These efforts have concentrated on improving pricing and shipping volumes as well as customer mix, redeploying shared services and, in turn, driving more autonomy, responsibility and accountability to our operating companies, streamlining operations and our transportation network, and divesting non-core assets. Implementation of our network optimization plan for YRC Freight contributed to our net loss for the six-month period ended June 30, 2012. Our implementation was hampered due to increased shipment volumes we were experiencing at the time, and service, operations and financial results were adversely affected as a consequence.

We have a considerable amount of indebtedness, of which approximately \$325 million and \$675 million will mature in September 2014 and March 2015, respectively. Additionally, our 6% convertible senior notes of \$69.4 million will

mature in February 2014. We intend to restructure or refinance the portions of our debt which will mature in September 2014 and March 2015. The refinancing of these debt obligations is outside of our control and there can be no assurance that such transactions will occur, or if it does occur, on what terms. As of June 30, 2013, we had \$1,366.2 million in aggregate principal amount of outstanding indebtedness, which may increase over time as \$208.2 million in aggregate principal amount of our debt as of June 30, 2013 is held in the form of senior convertible secured notes which accrues paid-in-kind interest.

Table of Contents

We have certain financial covenants that we must continue to meet under our credit facilities, including a minimum cash balance (as defined in our credit facilities) of at least \$50.0 million. This requirement increases starting in August of 2013 and, by November 2013, the minimum cash balance requirement is \$119.4 million. This increase is required to ensure we have sufficient liquidity to pay the outstanding balance of our 6% convertible senior notes, which mature in February of 2014. We were in compliance with each of the financial covenants as of June 30, 2013.

We believe that our minimum cash balance covenant represents our highest risk of default over the next twelve months. If our future operating results indicate that we will not meet our minimum cash balance covenant, we will take actions to improve our liquidity, which include (without limitation) repatriating cash from foreign sources, receiving cash proceeds from the issuance of equity, and deferring the timing of our capital expenditures and our discretionary workers' compensation settlement payments. We believe that these actions, if deemed necessary, will allow us to meet any shortfall in our minimum cash balance.

We believe that our cash and cash equivalents, results of operations and availability under our credit facilities will be sufficient for us to comply with the covenants in our credit facilities, fund our operations, increase working capital as necessary to support our planned revenue growth and fund capital expenditures for the foreseeable future, including the next twelve months. Our ability to satisfy our liquidity needs beyond the next twelve months is dependent on a number of factors, some of which are outside of our control. These factors include:

restructuring or refinancing our debt obligations prior to scheduled maturities in 2014 and 2015;

continuing to achieve improvements in our operating results which rely upon pricing and shipping volumes;

continuing to comply with covenants and other terms of our credit facilities so as to have access to the borrowings available to us under such credit facilities;

securing suitable lease financing arrangements to replace revenue equipment;

continuing to implement and realize cost saving measures to match our costs with business levels and in a manner that does not harm operations, and our productivity and efficiency initiatives must be successful; and

generating operating cash flows that are sufficient to meet the minimum cash balance requirement under our credit facilities, cash requirements for pension contributions to our single-employer pension plans and our multi-employer pension funds, cash interest and principal payments on our funded debt, payments on our equipment leases, letter of credit fees under our credit facilities and for capital expenditures or additional lease payments for new revenue equipment.

YRC Freight

YRC Freight offers a full range of services for the transportation of industrial, commercial and retail goods in national, regional and international markets, primarily through the operation of owned or leased equipment in its North American ground distribution networks. Transportation services are provided for various categories of goods,

which may include (among others) apparel, appliances, automotive parts, chemicals, food, furniture, glass, machinery, metal, metal products, non-bulk petroleum products, rubber, textiles, wood and other manufactured products or components. YRC Freight provides both LTL services, which combine shipments from multiple customers on a single trailer, and truckload services. Most deliveries are LTL shipments with truckload services offered to maximize equipment utilization and reduce empty miles (the distance empty or partially full trailers travel to balance the network). YRC Freight also provides higher-margin specialized services, including guaranteed expedited services, time-specific deliveries, cross-border services, coast-to-coast air delivery, product returns, temperature-sensitive shipment protection and government material shipments.

Table of Contents

YRC Freight serves manufacturing, wholesale, retail and government customers throughout North America. YRC Freight's 20,000 employees are dedicated to operating its extensive network which supports approximately 12 million shipments annually. YRC Freight shipments have an average shipment size of approximately 1,200 lbs. and travel an average distance of roughly 1,300 miles. Operations research and engineering teams centrally coordinate the equipment, routing, sequencing and timing necessary to transport shipments through our network. On June 30, 2013, YRC Freight's revenue fleet was comprised of 8,448 tractors, including 7,482 owned tractors and 966 leased tractors, and 34,435 trailers, including 31,595 owned trailers and 2,840 leased trailers. The YRC Freight network includes 267 strategically located service facilities including 126 owned facilities with 8,689 doors and 141 leased facilities with 5,954 doors.

YRC Freight provides services throughout North America, has one of the largest networks of LTL service centers, equipment and transportation professionals and provides flexible and efficient supply chain solutions including:

Guaranteed Standard: a guaranteed on-time service with more direct points than any other guaranteed standard delivery service. Our guaranteed multiple-day window service is designed to meet retail industry needs to reduce chargeback fees.

Time Critical: for expedited and specialized shipments including emergency and window deliveries via ground or air anywhere in North America with shipment arrival timed to the hour or day, proactive notification and a 100% on-time guarantee.

Specialized Solutions: includes a variety of services to meet industry and customer-specific needs with offerings such as Custom Projects, Consolidation and Distribution, Reverse Logistics, Residential White Glove, Exhibit Services and Shipment Protection through Insulated Covers and our patented Sealed Divider and Sealed Trailer services that are designed for products that are difficult or expensive to package for shipping, are of high value, or need verifiable security throughout the transit.

my.yrcfreight.com: a secure e-commerce website offering online resources for supply chain visibility and shipment management in real time.

YRC Reimer

Founded in 1952, YRC Reimer, a wholly owned subsidiary of YRC Freight, offers Canadian shippers a selection of direct connections within Canada, throughout North America and around the world. YRC Reimer is also a part of YRC Freight and its network and information systems are completely integrated with those of YRC Freight, enabling YRC Reimer to provide seamless cross-border services between Canada, Mexico and the United States and markets overseas.

YRC Freight accounted for 66%, 66% and 67% of our total operating revenue in 2012, 2011 and 2010, respectively.

Regional Transportation

Regional Transportation is comprised of Holland, New Penn and Reddaway:

Holland: headquartered in Holland, Michigan, provides local next-day, regional and expedited services through a network located in 21 states in the Midwestern and Southeastern portions of the United States. Holland also provides service to the provinces of Ontario and Quebec, Canada.

New Penn: headquartered in Lebanon, Pennsylvania, provides local next-day, day-definite, and time-definite services through a network located in the Northeastern United States; Quebec, Canada; and Puerto Rico.

Table of Contents

Reddaway: headquartered in Tualatin, Oregon, provides local next-day, regional and expedited services through a network located in California, the Pacific Northwest, the Rocky Mountain States and the Southwest. Additionally, Reddaway provides services to Alaska and to the provinces of Alberta and British Columbia, Canada.

Together, the Regional Transportation companies deliver services in the next-day, second-day and time-sensitive markets, which are among the fastest-growing transportation segments. The Regional Transportation service portfolio includes:

Regional delivery: including next-day local area delivery and second-day services; consolidation/distribution services; protect-from-freezing and hazardous materials handling; and a variety of other specialized offerings.

Expedited delivery: including day-definite, hour-definite and time definite capabilities.

Inter-regional delivery: combining our best-in-class regional networks with reliable sleeper teams, Regional Transportation provides reliable, high-value services between our regional operations.

Cross-border delivery: through strategic partnerships, the Regional Transportation companies provide full-service capabilities between the United States and Canada, Mexico and Puerto Rico.

my.yrcregional.com and NewPenn.com: are both e-commerce websites offering secure and customized online resources to manage transportation activity.

The Regional Transportation companies serve manufacturing, wholesale, retail and government customers throughout North America. At June 30, 2013, the Regional Transportation network includes 126 service facilities including 62 owned facilities with 3,929 doors and 64 leased facilities with 2,828 doors. The Regional Transportation revenue fleet includes 6,122 tractors including 5,669 owned and 453 leased and 12,601 trailers including 12,551 owned and 244 leased. Regional Transportation has over 11,000 employees are dedicated to supporting the delivery of over 10 million shipments annually.

The Regional Transportation companies accounted for 34%, 32% and 31% of the total operating revenue in 2012, 2011 and 2010, respectively.

Corporate Information

Incorporated in Delaware in 1983 and headquartered in Overland Park, Kansas, we employed approximately 32,000 people as of December 31, 2012. The mailing address of our headquarters is 10990 Roe Avenue, Overland Park, Kansas 66211, and our telephone number is (913) 696-6100. Our website is www.yrcw.com. Information on our website should not be construed to be a part of this prospectus.

Table of Contents**RISK FACTORS**

Our business is subject to uncertainties and risks. You should carefully consider and evaluate all of the information included and incorporated by reference in this prospectus, including the risk factors incorporated by reference from our most recent annual report on Form 10-K, as updated by our quarterly reports on Form 10-Q and other filings we make with the SEC. Our business, financial condition, liquidity or results of operations could be materially adversely affected by any of these risks.

USE OF PROCEEDS

Unless otherwise indicated in the applicable prospectus supplement, we will use the net proceeds from the sale of our securities offered by this prospectus for the repayment of indebtedness and/or for general corporate and working capital purposes.

RATIO OF EARNINGS TO FIXED CHARGES

The following table sets forth our ratio of earnings to fixed charges for the periods indicated. We have one share of Series A Voting Preferred Stock outstanding, which does not entitle the holder to have any dividend rights. As a result, we have not included a calculation of our ratio of earnings to fixed charges and preferred stock dividends. This information should be read in conjunction with the consolidated financial statements and the accompanying notes incorporated by reference in this prospectus.

| | Year Ended December 31, | | | | | Six Months |
|--|-------------------------|----------|----------|----------|----------|---------------------------|
| | 2008 | 2009 | 2010 | 2011 | 2012 | Ended June 30, 2013 |
| Ratio of earnings to fixed charges | (6.9x) | (3.4x) | (1.1x) | (1.0x) | 0.2x | 0.4x |
| Additional earnings required to achieve a 1.0x ratio (in millions) | \$ 1,003.8 | \$ 888.6 | \$ 400.9 | \$ 361.9 | \$ 151.5 | \$ 54.1 |

We compute the ratio of earnings to fixed charges by dividing earnings by fixed charges.

Fixed charges consists of interest expense, amortization of debt premium, discount and capitalized expenses and an estimated interest component of our rental expense, which we determined to be 33%.

Earnings consists of net income (loss) plus income (loss) from discontinued operations, income tax provision (benefit), loss (income) from equity method investments and fixed charges.

Table of Contents

DESCRIPTION OF DEBT SECURITIES AND GUARANTEES

*The following description of the debt securities and terms of the indentures, as defined below, is a summary. It summarizes only those aspects of the debt securities and those portions of the indentures, which we believe will be most important to your decision to invest in our debt securities. You should keep in mind, however, that it is the indentures, and not this summary, which define your rights as a debtholder. There may be other provisions in the indentures which are also important to you. You should read the indentures for a full description of the terms of the debt. We will file the forms of indentures with the SEC as exhibits to our registration statement, of which this prospectus is a part. See *Where You Can Find More Information* above for information on how to obtain copies of them.*

General

We may issue senior or subordinated debt securities, which will be direct, general obligations of YRC Worldwide that may be secured or unsecured.

The senior debt securities will constitute part of our senior debt, will be issued under the senior debt indenture described below and will rank equally in payment with all of our other senior and unsubordinated debt, whether secured or unsecured.

The subordinated debt securities will constitute part of our subordinated debt, will be issued under the subordinated debt indenture described below and will be subordinate in right of payment to all of our senior debt, as defined in the indenture with respect to subordinated debt securities. The prospectus supplement for any series of subordinated debt securities or the information incorporated in this prospectus by reference will indicate the approximate amount of senior debt outstanding as of the end of our most recent fiscal quarter. Neither indenture limits our ability to incur additional senior debt, additional subordinated debt or other indebtedness.

When we refer to debt securities in this prospectus, we mean both the senior debt securities and the subordinated debt securities.

The debt securities may have the benefit of guarantees (each, a guarantee) by some or all of our domestic subsidiaries (each, a guarantor and collectively the guarantors), on a senior or subordinated basis. Unless otherwise expressly stated or the context otherwise requires, as used in this section, the term guaranteed debt securities means debt securities that, as described in the prospectus supplement relating thereto, are guaranteed by the guarantors pursuant to the applicable indenture.

The senior debt securities and subordinated debt securities will be governed by an indenture between us and one or more trustees selected by us. The indentures will be substantially identical, except for certain provisions including those relating to subordination, which are included only in the indenture related to subordinated debt securities. When we refer to the indenture or the trustee with respect to any debt securities, we mean the indenture under which those debt securities are issued and the trustee under that indenture.

Series of Debt Securities

We may issue multiple debt securities or series of debt securities under either indenture. This section summarizes terms of the securities that apply generally to all debt securities and series of debt securities. The provisions of each indenture allow us not only to issue debt securities with terms different from those of debt securities previously issued under that indenture, but also to reopen a previously issued series of debt securities and issue additional debt securities

of that series. We will describe most of the financial and other specific terms of a particular series, whether it be a series of the senior debt securities or subordinated debt securities, in the prospectus supplement applicable for that series. Those terms may vary from the terms described here.

Table of Contents

Amounts of Issuances

The indentures do not limit the amount of debt securities that may be issued under them. We may issue the debt securities from time to time in one or more series. We are not required to issue all of the debt securities of one series at the same time and, unless otherwise provided in the applicable indenture or prospectus supplement, we may reopen a series and issue additional debt securities of that series without the consent of the holders of the outstanding debt securities of that series.

Principal Amount, Stated Maturity and Maturity

Unless otherwise stated, the principal amount of a debt security means the principal amount payable at its stated maturity, unless that amount is not determinable, in which case the principal amount of a debt security is its face amount.

The term *stated maturity* with respect to any debt security means the day on which the principal amount of the debt security is scheduled to become due. The principal may become due sooner, by reason of redemption or acceleration after a default or otherwise in accordance with the terms of the debt security. The day on which the principal actually becomes due, whether at the stated maturity or earlier, is called the *maturity* of the principal.

We also use the terms *stated maturity* and *maturity* to refer to the days when other payments become due. For example, we may refer to a regular interest payment date when an installment of interest is scheduled to become due as the *stated maturity* of that installment. When we refer to the *stated maturity* or the *maturity* of a debt security without specifying a particular payment, we mean the stated maturity or maturity, as the case may be, of the principal.

Specific Terms of Debt Securities

The applicable prospectus supplement will describe the specific terms of the debt securities, which will include some or all of the following:

the title of the series and whether it is a senior debt security or a subordinated debt security;

any limit on the total principal amount of the debt securities of the same series;

the stated maturity;

the currency or currencies for principal and interest, if not U.S. dollars;

the price at which we originally issue the debt security, expressed as a percentage of the principal amount, and the original issue date;

whether the debt security is a fixed rate debt security, a floating rate debt security or an indexed debt security;

if the debt security is a fixed rate debt security, the yearly rate at which the debt security will bear interest, if any, and the interest payment dates;

if the debt security is a floating rate debt security, the interest rate basis; any applicable index currency or index maturity, spread or spread multiplier or initial base rate, maximum rate or minimum rate; the interest reset, determination, calculation and payment dates; the day count convention used to calculate interest payments for any period; the business day convention; and the calculation agent;

if the debt security is an indexed debt security, the principal amount, if any, we will pay at maturity, interest payment dates, the amount of interest, if any, we will pay on an interest payment date or the formula we will use to calculate these amounts, if any, and the terms on which the debt security will be exchangeable for or payable in cash, securities or other property;

Table of Contents

if the debt security may be converted into or exercised or exchanged for common or preferred stock or other securities of the Company, the terms on which conversion, exercise or exchange may occur, including whether conversion, exercise or exchange is mandatory, at the option of the holder or at our option, the period during which conversion, exercise or exchange may occur, the initial conversion, exercise or exchange price or rate and the circumstances or manner in which the amount of common or preferred stock or other securities issuable upon conversion, exercise or exchange may be adjusted;

if the debt security is also an original issue discount debt security, the yield to maturity;

if applicable, the circumstances under which the debt security may be redeemed at our option or repaid at the holder's option before the stated maturity, including any redemption commencement date, repayment date(s), redemption price(s) and redemption period(s);

the authorized denominations, if other than \$1,000 and integral multiples of \$1,000;

the depository for the debt security, if other than The Depository Trust Company (DTC), and any circumstances under which the holder may request securities in non-global form, if we choose not to issue the debt security in book-entry form only;

if applicable, the circumstances under which we will pay additional amounts on any debt securities held by a person who is not a United States person for tax purposes and under which we can redeem the debt securities if we have to pay additional amounts;

whether the debt security will be guaranteed by some or all of the guarantors and, if so, to the extent the terms thereof differ from those described in this prospectus, a description of the terms of the guarantee;

the assets, if any, that will be pledged as security for the payment of the debt security;

the names and duties of any co-trustees, depositories, authenticating agents, paying agents, transfer agents or registrars for the debt security, as applicable; and

any other terms of the debt security and any guarantees of the debt security, which could be different from those described in this prospectus.

Governing Law

The indentures and the debt securities (and any guarantees thereof) will be governed by New York law, without regard to conflicts of laws principles thereof.

Form of Debt Securities

We will issue each debt security only in registered form, without coupons, unless we specify otherwise in the applicable prospectus supplement. In addition, we will issue each debt security in global *i.e.*, book-entry form only, unless we specify otherwise in the applicable prospectus supplement. Debt securities in book-entry form will be represented by a global security registered in the name of a depository, which will be the holder of all the debt securities represented by the global security. Those who own beneficial interests in a global debt security will do so through participants in the depository's securities clearance system, and the rights of these indirect owners will be governed solely by the applicable procedures of the depository and its participants. References to holders in this section mean those who own debt securities registered in their own names, on the books that we or the trustee maintain for this purpose, and not those who own beneficial interests in debt securities registered in street name or in debt securities issued in book-entry form through one or more depositaries.

Unless otherwise indicated in the prospectus supplement, the following is a summary of the depository arrangements applicable to debt securities issued in global form and for which DTC acts as depository.

Table of Contents

Each global debt security will be deposited with, or on behalf of, DTC, as depository, or its nominee, and registered in the name of a nominee of DTC. Except under the limited circumstances described below, global debt securities are not exchangeable for definitive certificated debt securities.

Ownership of beneficial interests in a global debt security is limited to institutions that have accounts with DTC or its nominee, or persons that may hold interests through those participants. In addition, ownership of beneficial interests by participants in a global debt security will be evidenced only by, and the transfer of that ownership interest will be effected only through, records maintained by DTC or its nominee for a global debt security. Ownership of beneficial interests in a global debt security by persons that hold those interests through participants will be evidenced only by, and the transfer of that ownership interest within that participant will be effected only through, records maintained by that participant. DTC has no knowledge of the actual beneficial owners of the debt securities. Beneficial owners will not receive written confirmation from DTC of their purchase, but beneficial owners are expected to receive written confirmations providing details of the transaction, as well as periodic statements of their holdings, from the participants through which the beneficial owners entered the transaction. The laws of some jurisdictions require that certain purchasers of securities take physical delivery of securities they purchase in definitive form. These laws may impair a holder's ability to transfer beneficial interests in a global debt security.

We will make payment of principal of, and interest on, debt securities represented by a global debt security registered in the name of or held by DTC or its nominee to DTC or its nominee, as the case may be, as the registered owner and holder of the global debt security representing those debt securities. DTC has advised us that upon receipt of any payment of principal of, or interest on, a global debt security, DTC immediately will credit accounts of participants on its book-entry registration and transfer system with payments in amounts proportionate to their respective interests in the principal amount of that global debt security, as shown in the records of DTC. Payments by participants to owners of beneficial interests in a global debt security held through those participants will be governed by standing instructions and customary practices, as is now the case with securities held for the accounts of customers in bearer form or registered in street name, and will be the sole responsibility of those participants, subject to any statutory or regulatory requirements that may be in effect from time to time.

Neither we, any trustee nor any of our respective agents will be responsible for any aspect of the records of DTC, any nominee or any participant relating to, or payments made on account of, beneficial interests in a permanent global debt security or for maintaining, supervising or reviewing any of the records of DTC, any nominee or any participant relating to such beneficial interests.

A global debt security is exchangeable for definitive debt securities registered in the name of, and a transfer of a global debt security may be registered to, any person other than DTC or its nominee, only if:

DTC notifies us that it is unwilling or unable to continue as depository for that global security or has ceased to be a registered clearing agency and we do not appoint another institution to act as depository within 90 days; or

we notify the trustee that we wish to terminate that global security.

Any global debt security that is exchangeable pursuant to the preceding sentence will be exchangeable in whole for definitive debt securities in registered form, of like tenor and of an equal aggregate principal amount as the global debt security, in denominations specified in the applicable prospectus supplement, if other than \$1,000 and multiples of \$1,000. The definitive debt securities will be registered by the registrar in the name or names instructed by DTC. We

expect that these instructions may be based upon directions received by DTC from its participants with respect to ownership of beneficial interests in the global debt security.

Except as provided above, owners of the beneficial interests in a global debt security will not be entitled to receive physical delivery of debt securities in definitive form and will not be considered the holders of debt

Table of Contents

securities for any purpose under the indentures. No global debt security shall be exchangeable except for another global debt security of like denomination and tenor to be registered in the name of DTC or its nominee. Accordingly, each person owning a beneficial interest in a global debt security must rely on the procedures of DTC and, if that person is not a participant, on the procedures of the participant through which that person owns its interest, to exercise any rights of a holder under the global debt security or the indentures.

We understand that, under existing industry practices, in the event that we request any action of holders, or an owner of a beneficial interest in a global debt security desires to give or take any action that a holder is entitled to give or take under the debt securities or the indentures, DTC would authorize the participants holding the relevant beneficial interests to give or take that action. Additionally, those participants would authorize beneficial owners owning through those participants to give or take that action or would otherwise act upon the instructions of beneficial owners owning through them.

DTC has advised us as follows:

DTC is:

- a limited-purpose trust company organized under the New York Banking Law,
- a banking organization within the meaning of the New York Banking Law,
- a member of the Federal Reserve System,
- a clearing corporation within the meaning of the New York Uniform Commercial Code, and
- a clearing agency registered under Section 17A of the Exchange Act;

DTC was created to hold securities of its participants and to facilitate the clearance and settlement of securities transactions among its participants in those securities through electronic book-entry changes in accounts of the participants, thereby eliminating the need for physical movement of securities certificates;

DTC's participants include securities brokers and dealers, banks, trust companies, clearing corporations and certain other organizations;

DTC is owned by a number of its participants and by the New York Stock Exchange, Inc., the NYSE Amex LLC and the Financial Industry Regulatory Authority, Inc.; and

Access to DTC's book-entry system is also available to others, such as banks, brokers, dealers and trust companies, that clear through or maintain a custodial relationship with a participant, either directly or indirectly.

The rules applicable to DTC and its participants are on file with the SEC.

Investors may hold interests in the debt securities outside the United States through the Euroclear System (Euroclear) or Clearstream Banking (Clearstream) if they are participants in those systems, or indirectly through organizations which are participants in those systems. Euroclear and Clearstream will hold interests on behalf of their participants through customers' securities accounts in Euroclear's and Clearstream's names on the books of their respective depositaries which in turn will hold such positions in customers' securities accounts in the names of the nominees of the depositaries on the books of DTC. At the present time as of the date of this prospectus, JPMorgan Chase Bank, National Association will act as U.S. depositary for Euroclear, and Citibank, N.A. will act as U.S. depositary for Clearstream. All securities in Euroclear or Clearstream are held on a fungible basis without attribution of specific certificates to specific securities clearance accounts.

The following is based on information furnished by Euroclear or Clearstream, as the case may be.

Table of Contents

Euroclear has advised us that:

it was created in 1968 to hold securities for participants of Euroclear and to clear and settle transactions between Euroclear participants through simultaneous electronic book-entry delivery against payment, thereby eliminating the need for physical movement of certificates and any risk from lack of simultaneous transfers of securities and cash;

Euroclear includes various other services, including securities lending and borrowing and interfaces with domestic markets in several countries;

Euroclear is operated by Euroclear Bank S.A./N.V., as operator of the Euroclear System (the Euroclear Operator), under contract with Euroclear Clearance Systems S.C., a Belgian cooperative corporation (the Cooperative);

the Euroclear Operator conducts all operations, and all Euroclear securities clearance accounts and Euroclear cash accounts are accounts with the Euroclear Operator, not the Cooperative. The Cooperative establishes policy for Euroclear on behalf of Euroclear participants. Euroclear participants include banks (including central banks), securities brokers and dealers and other professional financial intermediaries and may include underwriters of debt securities offered by this prospectus;

indirect access to Euroclear is also available to other firms that clear through or maintain a custodial relationship with a Euroclear participant, either directly or indirectly;

securities clearance accounts and cash accounts with the Euroclear Operator are governed by the Terms and Conditions Governing Use of Euroclear and the related Operating Procedures of the Euroclear System, and applicable Belgian law (collectively, the Terms and Conditions);

the Terms and Conditions govern transfers of securities and cash within Euroclear, withdrawals of securities and cash from Euroclear, and receipts of payments with respect to securities in Euroclear. The Euroclear Operator acts under the Terms and Conditions only on behalf of Euroclear participants, and has no record of or relationship with persons holding through Euroclear participants; and

distributions with respect to debt securities held beneficially through Euroclear will be credited to the cash accounts of Euroclear participants in accordance with the Terms and Conditions, to the extent received by the U.S. depository for Euroclear.

Clearstream has advised us that:

it is incorporated under the laws of Luxembourg as a professional depository and holds securities for its participating organizations and facilitates the clearance and settlement of securities transactions between Clearstream participants through electronic book-entry changes in accounts of Clearstream participants, thereby eliminating the need for physical movement of certificates;

Clearstream provides to Clearstream participants, among other things, services for safekeeping, administration, clearance and settlement of internationally traded securities and securities lending and borrowing. Clearstream interfaces with domestic markets in several countries;

as a professional depository, Clearstream is subject to regulation by the Luxembourg Monetary Institute;

Clearstream participants are recognized financial institutions around the world, including underwriters, securities brokers and dealers, banks, trust companies, clearing corporations and certain other organizations and may include underwriters of debt securities offered by this prospectus;

Table of Contents

indirect access to Clearstream is also available to others, such as banks, brokers, dealers and trust companies that clear through or maintain a custodial relationship with a Clearstream participant either directly or indirectly; and

distributions with respect to the debt securities held beneficially through Clearstream will be credited to cash accounts of Clearstream participants in accordance with its rules and procedures, to the extent received by the U.S. depository for Clearstream.

We have provided the descriptions herein of the operations and procedures of Euroclear and Clearstream solely as a matter of convenience. These operations and procedures are solely within the control of Euroclear and Clearstream and are subject to change by them from time to time. Neither we, any underwriters nor the trustee takes any responsibility for these operations or procedures, and you are urged to contact Euroclear or Clearstream or their respective participants directly to discuss these matters.

Secondary market trading between Euroclear participants and Clearstream participants will occur in the ordinary way in accordance with the applicable rules and operating procedures of Euroclear and Clearstream and will be settled using the procedures applicable to conventional eurobonds in immediately available funds.

Cross-market transfers between persons holding directly or indirectly through DTC, on the one hand, and directly or indirectly through Euroclear or Clearstream participants, on the other, will be effected within DTC in accordance with DTC's rules on behalf of the relevant European international clearing system by its U.S. depository; however, such cross-market transactions will require delivery of instructions to the relevant European international clearing system by the counterparty in such system in accordance with its rules and procedures and within its established deadlines (European time). The relevant European international clearing system will, if the transaction meets its settlement requirements, deliver instructions to its U.S. depository to take action to effect final settlement on its behalf by delivering or receiving debt securities in DTC, and making or receiving payment in accordance with normal procedures. Euroclear participants and Clearstream participants may not deliver instructions directly to their respective U.S. depositories.

Because of time-zone differences, credits of securities received in Euroclear or Clearstream as a result of a transaction with a DTC participant will be made during subsequent securities settlement processing and dated the business day following the DTC settlement date. Such credits, or any transactions in the securities settled during such processing, will be reported to the relevant Euroclear participants or Clearstream participants on that business day. Cash received in Euroclear or Clearstream as a result of sales of securities by or through a Euroclear participant or a Clearstream participant to a DTC participant will be received with value on the business day of settlement in DTC but will be available in the relevant Euroclear or Clearstream cash account only as of the business day following settlement in DTC.

Although DTC, Euroclear and Clearstream have agreed to the foregoing procedures in order to facilitate transfers of debt securities among participants of DTC, Euroclear and Clearstream, they are under no obligation to perform or continue to perform such procedures and they may discontinue the procedures at any time.

Redemption or Repayment

If there are any provisions regarding redemption or repayment applicable to a debt security, we will describe them in your prospectus supplement.

We or our affiliates may purchase debt securities from investors who are willing to sell from time to time, either in the open market at prevailing prices or in private transactions at negotiated prices. Debt securities that we or they purchase may, at our discretion, be held, resold or canceled.

Table of Contents

Mergers and Similar Transactions

We are generally permitted under the indenture for the relevant series to merge or consolidate with another corporation or other entity. We are also permitted under the indenture for the relevant series to sell all or substantially all of our assets to another corporation or other entity. With regard to any series of debt securities, however, we may not take any of these actions unless all the following conditions, among other things, are met.

If the successor entity in the transaction is not YRC Worldwide, the successor entity must expressly assume our obligations under the debt securities of that series and the indenture with respect to that series. The successor entity may be organized and existing under the laws of the United States, any State thereof or the District of Columbia.

Immediately after the transaction, no default under the debt securities of that series has occurred and is continuing. For this purpose, default under the debt securities of that series means an event of default with respect to that series or any event that would be an event of default with respect to that series if the requirements for giving us default notice and for our default having to continue for a specific period of time were disregarded. We describe these matters below under Default, Remedies and Waiver of Default.

If the conditions described above are satisfied with respect to the debt securities of any series, we will not need to obtain the approval of the holders of those debt securities in order to merge or consolidate or to sell our assets. Also, these conditions will apply only if we wish to merge or consolidate with another entity or sell all or substantially all of our assets to another entity. We will not need to satisfy these conditions if we enter into other types of transactions, including any transaction in which we acquire the stock or assets of another entity, any transaction that involves a change of control of YRC Worldwide but in which we do not merge or consolidate and any transaction in which we sell less than substantially all our assets.

If we sell all or substantially all of our assets, we will be released from all our liabilities and obligations under the debt securities of any series and the indenture with respect to that series.

Subordination Provisions

Holders of subordinated debt securities should recognize that contractual provisions in the subordinated debt indenture may prohibit us from making payments on those securities. Subordinated debt securities are subordinate and junior in right of payment, to the extent and in the manner stated in the subordinated debt indenture, to all of our senior debt, as defined in the subordinated debt indenture, including all debt securities we have issued and will issue under the senior debt indenture.

The subordinated debt indenture defines senior debt as:

our indebtedness under or in respect of our credit agreement, whether for principal, interest (including interest accruing after the filing of a petition initiating any proceeding pursuant to any bankruptcy law, whether or not the claim for such interest is allowed as a claim in such proceeding), capital lease obligations, deferred purchase price of property obligations, reimbursement obligations, fees,

commissions, expenses, indemnities, dividends, hedging obligations or other amounts; and

any other indebtedness permitted under the terms of that indenture, unless the instrument under which such indebtedness is incurred expressly provides that it is on a parity with or subordinated in right of payment to the subordinated debt securities.

Notwithstanding the foregoing, senior debt will not include: (i) equity interests; (ii) any liability for taxes; (iii) any trade payables; (iv) any indebtedness subordinated or junior to other indebtedness or other obligation; or (v) any indebtedness incurred in violation of the subordinated debt indenture.

Table of Contents

We may modify the subordination provisions, including the definition of senior debt, with respect to one or more series of subordinated debt securities. Such modifications will be set forth in the applicable prospectus supplement.

The subordinated debt indenture provides that, unless all principal of and any premium or interest on the senior debt has been paid in full, no payment or other distribution may be made in respect of any subordinated debt securities in the following circumstances:

in the event of any insolvency or bankruptcy proceedings, or any receivership, liquidation, reorganization, assignment for creditors or other similar proceedings or events involving us or our assets;

(a) in the event and during the continuation of any default in the payment of principal, premium or interest on any senior debt beyond any applicable grace period or (b) in the event that any event of default with respect to any senior debt has occurred and is continuing, permitting the holders of that senior debt (or a trustee) to accelerate the maturity of that senior debt, whether or not the maturity is in fact accelerated (unless, in the case of (a) or (b), the payment default or event of default has been cured or waived or ceased to exist and any related acceleration has been rescinded) or (c) in the event that any judicial proceeding is pending with respect to a payment default or event of default described in (a) or (b); or

in the event that any subordinated debt securities have been declared due and payable before their stated maturity.

If the trustee under the subordinated debt indenture or any holders of the subordinated debt securities receive any payment or distribution that is prohibited under the subordination provisions, then the trustee or the holders will have to repay that money to the holders of the senior debt.

Even if the subordination provisions prevent us from making any payment when due on the subordinated debt securities of any series, we will be in default on our obligations under that series if we do not make the payment when due. This means that the trustee under the subordinated debt indenture and the holders of that series can take action against us, but they will not receive any money until the claims of the holders of senior debt have been fully satisfied.

The subordinated debt indenture allows the holders of senior debt to obtain a court order requiring us and any holder of subordinated debt securities to comply with the subordination provisions.

Defeasance, Covenant Defeasance and Satisfaction and Discharge

When we use the term defeasance, we mean discharge from some or all of our obligations under the indenture. If we deposit with the trustee funds or government securities, or if so provided in the applicable prospectus supplement, obligations other than government securities, sufficient to make payments on any series of debt securities on the dates those payments are due and payable and other specified conditions are satisfied, then, at our option, either of the following will occur:

we will be discharged from our obligations with respect to the debt securities of such series and all obligations of the guarantors, if any, of such debt securities will also be discharged with respect to the guarantee of such debt securities (legal defeasance); or

we will be discharged from any covenants we make in the applicable indenture for the benefit of such series and the related events of default will no longer apply to us (covenant defeasance).

If we defease any series of debt securities, the holders of such securities will not be entitled to the benefits of the indenture, except for our obligations to register the transfer or exchange of such securities, replace stolen,

Table of Contents

lost or mutilated securities or maintain paying agencies and hold moneys for payment in trust. In case of covenant defeasance, our obligation to pay principal, premium and interest on the applicable series of debt securities will also survive.

We will be required to deliver to the trustee an opinion of counsel that the deposit and related defeasance would not cause the holders of the applicable series of debt securities to recognize gain or loss for federal income tax purposes. If we elect legal defeasance, that opinion of counsel must be based upon a ruling from the United States Internal Revenue Service or a change in law to that effect.

Upon the effectiveness of defeasance with respect to any series of guaranteed debt securities, the guarantor of the debt securities of such series shall be automatically and unconditionally released and discharged from all of its obligations under its guarantee of the debt securities of such series and all of its other obligations under the applicable indenture in respect of the debt securities of that series, without any action by the Company, the guarantor or the trustee and without the consent of the holders of any debt securities.

In addition, we may satisfy and discharge all our obligations under the indenture with respect to debt securities of any series, other than our obligation to register the transfer of and exchange debt securities of that series, provided that we either:

deliver all outstanding debt securities of that series to the trustee for cancellation; or

all such debt securities not so delivered for cancellation have either become due and payable or will become due and payable at their stated maturity within one year or are to be called for redemption within one year, and in the case of this bullet point, we have deposited with the trustee in trust an amount of cash sufficient to pay the entire indebtedness of such debt securities, including interest to the stated maturity or applicable redemption date.

Default, Remedies and Waiver of Default

Unless otherwise specified in the applicable prospectus supplement, when we refer to an event of default with respect to any series of debt securities, we mean any of the following:

we do not pay the principal or any premium on any debt security of that series when due at its stated maturity, upon optional redemption, upon required purchase, upon declaration of acceleration or otherwise;

we do not pay interest on any debt security of that series within 30 days after the due date;

we fail to comply with our obligations under the merger covenant;

we fail to comply for 60 days after notice with the other agreements contained in the indenture. The notice must be sent by the trustee or the holders of at least 25% in principal amount of the relevant series of debt securities;

we file for bankruptcy or other events of bankruptcy, insolvency or reorganization relating to the Company occur; or

if the applicable prospectus supplement states that any additional event of default applies to the series, that event of default occurs.

We may change, eliminate, or add to the events of default with respect to any particular series or any particular debt security or debt securities within a series, as indicated in the applicable prospectus supplement.

If you are the holder of a subordinated debt security, all the remedies available upon the occurrence of an event of default under the subordinated debt indenture will be subject to the restrictions on the subordinated debt securities described above under Subordination Provisions.

Table of Contents

Except as otherwise specified in the applicable prospectus supplement, if an event of default has occurred with respect to any series of debt securities and has not been cured or waived, the trustee or the holders of not less than 25% in principal amount of all debt securities of that series then outstanding may declare the entire principal amount of the debt securities of that series to be due immediately. Except as otherwise specified in the applicable prospectus supplement, if the event of default occurs because of events in bankruptcy, insolvency or reorganization relating to the Company, the entire principal amount of the debt securities of that series will be automatically accelerated, without any action by the trustee or any holder.

Each of the situations described above may result in an acceleration of the stated maturity of the affected series of debt securities. Except as otherwise specified in the applicable prospectus supplement, if the stated maturity of any series is accelerated and a judgment for payment has not yet been obtained, the holders of a majority in principal amount of the debt securities of that series may cancel the acceleration for the entire series.

If an event of default occurs, the trustee will have special duties. In that situation, the trustee will be obligated to use those of its rights and powers under the relevant indenture, and to use the same degree of care and skill in doing so, that a prudent person would use in that situation in conducting his or her own affairs.

Except as described in the prior paragraph, the trustee is not required to take any action under the relevant indenture at the request of any holders unless the holders offer the trustee protection satisfactory to it from loss, liability or expense. These majority holders may also direct the trustee in performing any other action under the relevant indenture with respect to the debt securities of that series.

Except as otherwise specified in the applicable prospectus supplement, before a holder may take steps to enforce its rights or protect its interests relating to any debt security, all of the following must occur:

the holder must give the trustee written notice that an event of default has occurred with respect to the debt securities of the series, and the event of default must not have been cured or waived;

the holders of at least 25% in principal amount of all debt securities of the series must request that the trustee take action because of the default, and they or other holders must offer to the trustee indemnity reasonably satisfactory to the trustee against the cost and other liabilities of taking that action;

the trustee must not have taken action for 60 days after the above steps have been taken; and

during those 60 days, the holders of a majority in principal amount of the debt securities of the series must not have given the trustee directions that are inconsistent with such request.

Book-entry and other indirect owners should consult their banks or brokers for information on how to give notice or direction to or make a request of the trustee and how to declare or cancel an acceleration of the maturity.

Waiver of Default. Except as otherwise specified in the applicable prospectus supplement, the holders of a majority in principal amount of the debt securities of any series may by notice to the trustee waive an existing default and its consequences for all debt securities of that series except (i) a default in the payment of the principal of or interest on a debt security (ii) a default arising from the failure to redeem or purchase any debt security when required pursuant to

the indenture or (iii) a default in respect of a provision that under the indenture cannot be amended without the consent of each securityholder affected. If a waiver occurs, the default is deemed cured, but no such waiver shall extend to any subsequent or other default or impair any consequent right.

Annual Information about Defaults to the Trustee. We will furnish each trustee every year a certificate indicating whether the signers thereof know of any default that occurred in the previous year.

Table of Contents

Modifications and Waivers

Changes Requiring Each Holder's Approval. Except as otherwise specified in the applicable prospectus supplement, we, along with the guarantors, if any, and the trustee, may amend the indentures or the debt securities with the written consent of the holders of at least a majority in principal amount of the debt securities then outstanding. However, without the consent of each securityholder affected thereby, an amendment or waiver may not, except as otherwise specified in the applicable prospectus supplement:

reduce the amount of debt securities whose holders must consent to an amendment;

reduce the rate of, or extend the time for payment of, the interest on any debt security;

reduce the principal of or change the stated maturity on any debt security;

reduce the amount payable upon redemption of any debt security or change the time at which any debt security may be redeemed as described in the applicable indenture;

permit redemption of a debt security if not previously permitted;

change the currency of any payment on a debt security;

impair the right of any holder of a debt security to receive payment of principal of and interest on such holder's debt security on or after the due dates thereof or to institute suit for the enforcement of any payment on or with respect to such holder's debt security;

change the amendment provisions which require each holder's consent or in the waiver provisions;

change the ranking or priority of any debt security that would adversely affect the securityholders; or

change or release, other than in accordance with the indenture, any subsidiary guaranty that would adversely affect the securityholders.

Changes Not Requiring Approval. We, along with the guarantors, if any, and the trustee, may amend the indentures or the debt securities without notice to or consent of any securityholder:

to cure any ambiguity, omission, defect or inconsistency;

to provide for the assumption by a successor corporation of the obligations of the Company or any guarantor under the indenture;

to provide for uncertificated debt securities in addition to or in place of certificated debt securities (provided that the uncertificated debt securities are issued in registered form for purposes of Section 163(f) of the Code, or in a manner such that the uncertificated debt securities are described in Section 163(f)(2)(B) of the Code);

to add guarantees with respect to the debt securities, including any subsidiary guaranties, or to secure the debt securities;

to add to the covenants of the Company or any guarantor for the benefit of the holders of the debt securities or to surrender any right or power conferred upon the Company or any guarantor;

to make any change that does not adversely affect the rights of any holder of the debt securities;

to comply with any requirement of the SEC in connection with the qualification of the indenture under the Trust Indenture Act of 1939, as amended; or

to make any amendment to the provisions of the indenture relating to the transfer and legending of debt securities; provided, however, that (a) compliance with the indenture as so amended would not result in debt securities being transferred in violation of the Securities Act or any other applicable securities law and (b) such amendment does not materially and adversely affect the rights of holders to transfer debt securities.

Table of Contents

Modification of Subordination Provisions. We may not amend the indenture related to subordinated debt securities to alter the subordination of any outstanding subordinated debt securities without the written consent of each holder of senior debt then outstanding who would be adversely affected (or the group or representative thereof authorized or required to consent thereto pursuant to the instrument creating or evidencing, or pursuant to which there is outstanding, such senior debt). In addition, we may not modify the subordination provisions of the indenture related to subordinated debt securities in a manner that would adversely affect the subordinated debt securities of any one or more series then outstanding in any material respect, without the consent of the holders of a majority in aggregate principal amount of all affected series then outstanding, voting together as one class (and also of any affected series that by its terms is entitled to vote separately as a series, as described below).

Book-entry and other indirect owners should consult their banks or brokers for information on how approval may be granted or denied if we seek to change an indenture or any debt securities or request a waiver.

Changes Requiring Majority Approval. Any other change to a particular indenture and the debt securities issued under that indenture would require the following approval:

if the change affects only particular debt securities within a series issued under the applicable indenture, it must be approved by the holders of a majority in principal amount of such particular debt securities; or

if the change affects debt securities of more than one series issued under the applicable indenture, it must be approved by the holders of a majority in principal amount of all debt securities of all such series affected by the change, with all such affected debt securities voting together as one class for this purpose and such affected debt securities of any series potentially comprising fewer than all debt securities of such series, in each case, except as may otherwise be provided pursuant to such indenture for all or any particular debt securities of any series. This means that modification of terms with respect to certain securities of a series could be effectuated without obtaining the consent of the holders of a majority in principal amount of other securities of such series that are not affected by such modification.

Special Rules for Action by Holders

Only holders of outstanding debt securities of the applicable series will be eligible to take any action under the applicable indenture, such as giving a notice of default, declaring an acceleration, approving any change or waiver or giving the trustee an instruction with respect to debt securities of that series. Also, we will count only outstanding debt securities in determining whether the various percentage requirements for taking action have been met. Any debt securities owned by us or any of our affiliates or surrendered for cancellation or for payment or redemption of which money has been set aside in trust are not deemed to be outstanding. Any required approval or waiver must be given by written consent.

In some situations, we may follow special rules in calculating the principal amount of debt securities that are to be treated as outstanding for the purposes described above. This may happen, for example, if the principal amount is payable in a non-U.S. dollar currency, increases over time or is not to be fixed until maturity.

We will generally be entitled to set any day as a record date for the purpose of determining the holders that are entitled to take action under either indenture. In certain limited circumstances, only the trustee will be entitled to set a record

date for action by holders. If we or the trustee sets a record date for an approval or other action to be taken by holders, that vote or action may be taken only by persons or entities who are holders on the record date and must be taken during the period that we specify for this purpose, or that the trustee specifies if it sets the record date. We or the trustee, as applicable, may shorten or lengthen this period from time to time. This period, however, may not extend beyond the 180th day after the record date for the action. In addition, record dates for any global debt security may be set in accordance with procedures established by the depositary from time to time. Accordingly, record dates for global debt securities may differ from those for other debt securities.

Table of Contents

Form, Exchange and Transfer

If any debt securities cease to be issued in registered global form, they will be issued only in fully registered form, without interest coupons and, unless we indicate otherwise in the applicable prospectus supplement, in denominations of \$1,000 and integral multiples of \$1,000.

Holder may exchange their debt securities for debt securities of smaller denominations or combined into fewer debt securities of larger denominations, as long as the total principal amount is not changed. Holder may not exchange debt securities for securities of a different series or having different terms, unless permitted by the terms of that series and described in the applicable prospectus supplement.

Holder may exchange or transfer their debt securities at the office of the trustee. They may also replace lost, stolen, destroyed or mutilated debt securities at that office. We have appointed the trustee to act as our agent for registering debt securities in the names of holders and transferring and replacing debt securities. We may appoint another entity to perform these functions or perform them ourselves.

Holder will not be required to pay a service charge to transfer or exchange their debt securities, but they may be required to pay for any tax or other governmental charge associated with the exchange or transfer. The transfer or exchange, and any replacement, will be made only if our transfer agent is satisfied with the holder's proof of legal ownership. The transfer agent may require an indemnity before replacing any debt securities.

If we have designated additional transfer agents for a debt security, they will be named in the applicable prospectus supplement. We may appoint additional transfer agents or cancel the appointment of any particular transfer agent. We may also approve a change in the office through which any transfer agent acts.

If the debt securities of any series are redeemable and we redeem less than all those debt securities, we may block the transfer or exchange of those debt securities during the period beginning 15 days before the day we mail the notice of redemption and ending on the day of that mailing, in order to freeze the list of holders to prepare the mailing. We may also refuse to register transfers of or exchange any debt security selected for redemption, except that we will continue to permit transfers and exchanges of the unredeemed portion of any debt security being partially redeemed.

If a debt security is issued as a global debt security, only DTC or other depository will be entitled to transfer and exchange the debt security as described in this subsection, since the depository will be the sole holder of the debt security.

The rules for exchange described above apply to exchange of debt securities for other debt securities of the same series and kind. If a debt security is convertible, exercisable or exchangeable into or for a different kind of security, such as one that we have not issued, or for other property, the rules governing that type of conversion, exercise or exchange will be described in the applicable prospectus supplement.

Payments

We will pay interest, principal and other amounts payable with respect to the debt securities of any series to the holders of record of those debt securities as of the record dates and otherwise in the manner specified below or in the prospectus supplement for that series.

We will make payments on a global debt security in accordance with the applicable policies of the depository as in effect from time to time. Under those policies, we will pay directly to the depository, or its nominee, and not to any

indirect owners who own beneficial interests in the global debt security. An indirect owner's right to receive those payments will be governed by the rules and practices of the depository and its participants.

Table of Contents

We will make payments on a debt security in non-global, registered form as follows. We will pay interest that is due on an interest payment date by check mailed on the interest payment date to the holder at his or her address shown on the trustee's records as of the close of business on the regular record date. We will make all other payments by check at the paying agent described below, against surrender of the debt security. All payments by check will be made in next-day funds i.e., funds that become available on the day after the check is cashed.

Alternatively, if a non-global debt security has a face amount of at least \$1,000,000 and the holder asks us to do so, we will pay any amount that becomes due on the debt security by wire transfer of immediately available funds to an account at a bank in New York City, on the due date. To request wire payment, the holder must give the paying agent appropriate wire transfer instructions at least five business days before the requested wire payment is due. In the case of any interest payment due on an interest payment date, the instructions must be given by the person or entity who is the holder on the relevant regular record date. In the case of any other payment, payment will be made only after the debt security is surrendered to the paying agent. Any wire instructions, once properly given, will remain in effect unless and until new instructions are given in the manner described above.

Book-entry and other indirect owners should consult their banks or brokers for information on how they will receive payments on their debt securities.

Regardless of who acts as paying agent, all money paid by us to a paying agent that remains unclaimed at the end of two years after the amount is due to a holder will be repaid to us. After that two-year period, the holder may look only to us for payment and not to the trustee, any other paying agent or anyone else.

Guarantees

The debt securities of any series may be guaranteed by some or all of the guarantors. However, the applicable indenture governing the debt securities will not require that some or all the guarantors guarantee any series of debt securities. As a result, a series of debt securities may or may not have any guarantors.

If YRC Worldwide issues a series of guaranteed debt securities, a description of some of the terms of guarantees of those debt securities will be set forth in the applicable prospectus supplement. Unless otherwise provided in the prospectus supplement relating to a series of guaranteed debt securities, a guarantor of the debt securities of such series will unconditionally guarantee the due and punctual payment of the principal of, and premium, if any, and interest, if any, on each debt security of such series, all in accordance with the terms of such debt securities and the applicable indenture.

Notwithstanding the foregoing, unless otherwise provided in the prospectus supplement relating to a series of guaranteed debt securities, the applicable indenture will contain provisions to the effect that the obligations of a guarantor under its guarantees and such indenture shall be limited to the maximum amount as will, after giving effect to all other contingent and fixed liabilities of the guarantor, result in the obligations of the guarantor under such guarantee and such indenture not constituting a fraudulent conveyance or fraudulent transfer under applicable law. However, there can be no assurance that, notwithstanding such limitation, a court would not determine that a guarantee constituted a fraudulent conveyance or fraudulent transfer under applicable law. If that were to occur, the court could void a guarantor's obligations under that guarantee, subordinate that guarantee to other debt and other liabilities of the guarantor or take other action detrimental to holders of the debt securities of the applicable series, including directing the holders to return any payments received from the guarantor.

Unless otherwise provided in the prospectus supplement relating to a series of guaranteed debt securities, the applicable indenture will (i) provide that, upon the sale or disposition (by merger or otherwise) of a guarantor, (x) if

the transferee is not an affiliate of YRC Worldwide, the guarantor will automatically be released from all obligations under its guarantee of such debt securities or (y) otherwise, the transferee (if other than YRC

Table of Contents

Worldwide) will assume the guarantor's obligations under its guarantee of such debt securities and (ii) permit us to cause the guarantee of such debt securities to be released at any time if we satisfy such conditions, if any, as are specified in the prospectus supplement for such debt securities.

The applicable prospectus supplement relating to any series of guaranteed debt securities will specify other terms of the applicable guarantees.

If the applicable prospectus supplement relating to a series of our senior debt securities provides that those senior debt securities will have the benefit of a guarantee by the guarantor, unless otherwise provided in the applicable prospectus supplement, each such guarantee will be the unsubordinated and unsecured obligation of the guarantor and will rank equally in right of payment with all of the unsecured and unsubordinated indebtedness of the guarantor.

Any guarantee of any debt securities will be effectively subordinated to all existing and future secured indebtedness of the guarantors, including any secured guarantees of other Company debt, to the extent of the value of the collateral securing that indebtedness. Consequently, in the event of a bankruptcy, or similar proceeding with respect to the guarantor that has provided a guarantee of any debt securities, the holders of the guarantor's secured indebtedness will be entitled to proceed directly against the collateral that secures that secured indebtedness and such collateral will not be available for satisfaction of any amount owed by the guarantor under its unsecured indebtedness, including its guarantees of any debt securities, until that secured debt is satisfied in full. Unless otherwise provided in the applicable prospectus supplement, the indenture will not limit the ability of the guarantor to incur secured indebtedness.

If the applicable prospectus supplement relating to a series of our subordinated debt securities provides that those subordinated debt securities will have the benefit of a guarantee by the guarantor, unless otherwise provided in the applicable prospectus supplement, each such guarantee will be the subordinated and unsecured obligation of the guarantor and, in addition to being effectively subordinated to secured debt of the guarantor, will be subordinated in right of payment to all of the guarantor's existing and future senior indebtedness, including any guarantee of the senior debt securities, to the same extent and in the same manner as the subordinated debt securities are subordinated to our senior debt. See Subordination Provisions above.

Paying Agents

We may appoint one or more financial institutions to act as our paying agents, at whose designated offices debt securities in non-global entry form may be surrendered for payment at their maturity. We call each of those offices a paying agent. We may add, replace or terminate paying agents from time to time. We may also choose to act as our own paying agent. We will specify in the applicable prospectus supplement for each debt security the initial location of each paying agent for that debt security. We must notify the trustee of changes in the paying agents.

Notices

Notices to be given to holders of a global debt security will be given only to the depositary in accordance with its applicable policies as in effect from time to time. Notices to be given to holders of debt securities not in global form will be sent by mail to the respective addresses of the holders as they appear in the trustee's records, and will be deemed given when mailed. Neither the failure to give any notice to a particular holder, nor any defect in a notice given to a particular holder, will affect the sufficiency of any notice given to another holder.

Book-entry and other indirect owners should consult their banks or brokers for information on how they will receive notices.

Table of Contents

Our Relationship With the Trustee

The prospectus supplement for any debt security will describe any material relationships we may have with the trustee with respect to that debt security.

The same financial institution may initially serve as the trustee for our senior debt securities and subordinated debt securities. Consequently, if an actual or potential event of default occurs with respect to any of these securities, the trustee may be considered to have a conflicting interest for purposes of the Trust Indenture Act of 1939, as amended. In that case, the trustee may be required to resign under one or more of the indentures and we would be required to appoint a successor trustee. For this purpose, a potential event of default means an event that would be an event of default if the requirements for giving us default notice or for the default having to exist for a specific period of time were disregarded.

DESCRIPTION OF OUR CAPITAL STOCK

The following is a general description of the terms and provisions of our capital stock and is based upon our amended and restated certificate of incorporation, as amended (certificate of incorporation), our amended and restated bylaws (bylaws), and applicable provisions of law, in each case as currently in effect on the date of this prospectus. The following description is only a summary of the material provisions of our capital stock, the certificate of incorporation and bylaws and does not purport to be complete and is qualified in its entirety by reference to the provisions of the certificate of incorporation and bylaws. Our certificate of incorporation and bylaws have been filed as exhibits to the registration statement of which this prospectus is a part and are incorporated by reference into this prospectus. See Where You Can Find More Information. We urge you to read the certificate of incorporation and bylaws because those documents, not this description, define your rights as holders of our common equity.

Preferred Stock

General

The following is a description of general terms and provisions of our preferred stock. As of the date of this prospectus, we had one share of our Series A Voting Preferred Stock outstanding. See Description of Series A Voting Preferred Stock for a description of the Series A Voting Preferred Stock.

We are authorized to issue up to 5,000,000 shares of preferred stock, \$1.00 par value per share. Subject to the rights of the holders of any series of preferred stock, the number of authorized shares of preferred stock may be increased or decreased (but not below the number of shares then outstanding) by the affirmative vote of a majority of the voting power (as defined below), without a separate class vote of the holders of the preferred stock.

Subject to limitations prescribed by law, the board of directors is authorized at any time to:

issue one or more series of preferred stock;

determine the designation for any series by number, letter or title that shall distinguish the series from any other series of preferred stock; and

determine the number of shares in any series.

The board of directors is authorized to determine the terms with respect to the series of preferred stock being offered, which may include (without limitation) the following:

whether dividends on that series of preferred stock will be cumulative, noncumulative or partially cumulative;

Table of Contents

the dividend rate or method for determining the rate;

the liquidation preference per share of that series of preferred stock, if any;

the conversion provisions applicable to that series of preferred stock, if any;

any redemption or sinking fund provisions applicable to that series of preferred stock;

the voting rights of that series of preferred stock, if any; and

the terms of any other powers, preferences or rights, if any, and the qualifications, limitations or restrictions thereof, applicable to that series of preferred stock.

The preferred stock, when issued, will be fully paid and nonassessable.

Description of Series A Voting Preferred Stock

Background

We issued one share of Series A Voting Preferred Stock to the International Brotherhood of Teamsters (the "IBT") in order to confer board representation upon the IBT as part of a restructuring plan we completed in July 2011. The share of Series A Voting Preferred Stock has a liquidation preference of \$1.00 and does not pay any dividends. The IBT, as the holder of the one share of Series A Voting Preferred Stock, is permitted to appoint two directors to the Company's Board of Directors (the "Board"), until such time at which the share is redeemed by the Company in accordance with its terms. The share of Series A Voting Preferred Stock will be redeemed if the IBT and the Company's subsidiaries cease to be in a collective bargaining agreement that provides for such governance rights, if the IBT ceases to be the authorized representative of such subsidiaries' employees or if the IBT transfers or attempts to transfer the share. Prior to any redemption of the share of Series A Voting Preferred Stock, the IBT will also be able to appoint one of its appointed directors to each of the governance, audit, finance and compensation committees of the Board, provided that such director satisfies certain independence requirements set forth in the Company's bylaws.

Ranking

The Series A Voting Preferred Stock has a liquidation preference of \$1.00 per share and ranks senior to our common stock and any other stock that ranks junior to the Series A Voting Preferred Stock with respect to distributions of assets upon liquidation, dissolution or winding up of the Company.

The Series A Voting Preferred Stock is an equity interest in the Company and does not constitute indebtedness. In the event of bankruptcy, liquidation, dissolution, reorganization or similar proceeding with respect to us, our indebtedness will effectively rank senior to the Series A Voting Preferred Stock, and the holders of our indebtedness will be entitled to the satisfaction of any amounts owed to them prior to the payment of the liquidation preference of any capital stock, including the Series A Voting Preferred Stock.

Liquidation Rights

If we voluntarily or involuntarily liquidate, dissolve or wind up our affairs (whether completely or partially), the holder of the Series A Voting Preferred Stock is entitled to receive out of our assets available for distribution to shareholders, after satisfaction of liabilities to creditors, if any, and before any distribution of assets is made on our common stock or any of our other shares of stock ranking junior as to such a distribution to the Series A Voting Preferred Stock, a liquidating distribution in an amount in cash equal to \$1.00. The holder of the Series A Voting Preferred Stock will not be entitled to any other amounts from us after they have received their full liquidation preference.

Table of Contents

Dividends

The holder of the share of Series A Voting Preferred Stock shall not be entitled to the payment of any dividends or distributions.

Redemption

The Series A Voting Preferred Stock is subject to mandatory redemption provisions and the share of Series A Voting Preferred Stock shall be automatically redeemed, with no further action required on the part of the holder of the Series A Voting Preferred Stock, if the IBT and the Company's subsidiaries cease to be in a collective bargaining agreement which provides for such governance rights, if the IBT ceases to be the authorized representative of such subsidiaries employees or if the IBT transfers or attempts to transfer the share.

Conversion

The Series A Voting Preferred Stock is not convertible into any other security of the Company.

Governance Rights

So long any shares of Series A Voting Preferred Stock remain outstanding and such shares have not been redeemed in accordance with their terms, the IBT, as the holder of the share of Series A Voting Preferred Stock, will be entitled to elect two directors to the Board. Each such director elected by the IBT must not have previously been and is not permitted to become an officer, director, employee or member of the IBT during his or her term and must be determined by the Board to be an Independent Director as defined in NASDAQ Listing Rule 5605(a)(2) and to meet the independence requirements of Rule 10A-3(b)(1) under the Exchange Act, or such director must immediately resign from the board. The IBT may remove its appointed directors at any time, and will also be permitted to fill any vacancies to the Board resulting from death, resignation, retirement, disqualification or removal of its appointed directors. Additionally, for so long as the IBT has the right to appoint directors, the IBT will also have the right to appoint one of its directors to serve on each of the governance, audit, finance and compensation committees of the Board, provided that such director satisfies certain independence requirements set forth in the Company's bylaws.

Listing of the Series A Voting Preferred Stock

The Series A Voting Preferred Stock is not listed, and we do not intend to list the Series A Voting Preferred Stock, on any national or regional securities exchange.

Transfer Rights

Neither the Series A Voting Preferred Stock nor any of its rights are transferrable, in whole or in part.

Delivery and Form

The share of Series A Voting Preferred Stock was issued in certificated form to the IBT.

Common Stock

General

Our certificate of incorporation authorizes us to issue 33,333,333 shares of common stock, \$0.01 par value per share. Approximately 5.6 million and approximately 5.0 million shares of our common stock are reserved for issuance in respect of our 10% Series A Convertible Senior Secured Notes due 2015 (the Series A Notes) and

Table of Contents

10% Series B Convertible Senior Secured Notes due 2015 (the Series B Notes), respectively. As of June 30, 2013, there were 9,204,346 shares of common stock issued, which included 9,203,936 outstanding shares and 410 treasury shares.

Dividends

Subject to the preferences applicable to outstanding shares of preferred stock (if any), the holders of shares of common stock are entitled to receive ratably any dividends declared by our board of directors out of the funds legally available for that purpose.

Liquidation

In the event of liquidation, holders of shares of common stock will be entitled to receive any assets remaining after the payment of our debts and the expenses of liquidation, subject to the preferences applicable to outstanding shares of preferred stock (if any).

Other

The holders of shares of common stock have no pre-emptive, subscription or conversion rights. All issued and outstanding shares of common stock are validly issued, fully paid and nonassessable and any shares of common stock to be issued pursuant to this prospectus will be fully paid and nonassessable.

Transfer Agent

The transfer agent and registrar for our common stock is Computershare Trust Company, N.A.

Voting Rights

Our common stock and Series A Voting Preferred Stock each are entitled to one vote per share. Pursuant to the terms of the indentures governing the Series A Notes and the Series B Notes, the Series A Notes and the Series B Notes are entitled to vote along with the common stock on an as converted basis, after giving effect to certain limitations set forth in the certificate of incorporation and such indentures. Voting power refers to the voting power of the outstanding capital stock of the Company and the voting power of the Series A Notes and the Series B Notes, voting together with the stockholders as a single class. The voting power of the Series A Notes and the Series B Notes may not be amended, altered or repealed while any of the Series A Notes or Series B Notes, as the case may be, are outstanding without the affirmative vote of the majority of the outstanding principal amount of the Series A Notes or Series B Notes, as the case may be.

Except as otherwise required by law, the certificate of incorporation, or any preferred stock designation, holders of common stock are not entitled to vote on any amendment to the certificate of incorporation or any preferred stock designation that relates solely to the terms of one or more outstanding series of preferred stock if the holders of such affected series of preferred stock are entitled to vote thereon pursuant to the certificate of incorporation, any preferred stock designation, or the Delaware General Corporation Law (DGCL).

Delaware Anti-Takeover Law; No Super-Majority Approval

We are not subject to Section 203 of the DGCL (Section 203). In general, Section 203 prohibits a publicly held Delaware corporation from engaging in various business combination transactions with any interested stockholder for

a period of three years following the time that such person became an interested stockholder, unless certain conditions are satisfied.

The certificate of incorporation does not require super-majority approval of any business combination transactions.

Table of Contents

Board Size; Director Election and Removal

Our certificate of incorporation provides that the board shall initially consist of nine persons until the precise number of directors, other than those who may be elected by the holders of one or more series of preferred stock voting separately by class or series, shall be fixed from time to time pursuant to a resolution adopted by a majority of the whole board (the total number of directors the Company would have if there were no vacancies). Other than the directors appointed by the IBT as the holder of the one share of Series A Voting Preferred Stock, board members are elected annually at the annual meeting of stockholders and serve one-year terms to expire at the following annual meeting of stockholders. Newly created directorships resulting from any increase in the authorized number of directors or vacancies in the board of directors are filled by a majority vote of the directors then in office, and directors so chosen shall serve for a term expiring at the next annual meeting of stockholders.

Members of the board may be removed from office at any time, with or without cause, by the affirmative vote of holders of a majority of the voting power. However, vacancies on the board resulting from the removal of a director appointed by the IBT may be filled solely by the IBT as the holder of the one share of Series A Voting Preferred Stock.

Stockholder Meetings; Written Consent

Stockholders are entitled to take action by written consent if the consent is signed by holders of not less than the minimum voting power that would be necessary to authorize or take the action at a stockholder meeting and if the board of directors approves in advance the taking of such action. Special meetings of the stockholders may be called by the secretary of the Company upon the written request of at least 25% of the voting power if certain notice requirements are met.

Amendment of Bylaws

The bylaws of the Company may be amended or repealed, or new bylaws may be adopted, by the affirmative vote of a majority of the voting power or by the affirmative vote of a majority of the whole board of directors.

Director Indemnification

The Company's directors shall not be personally liable to the Company or its stockholders for monetary damages for breach of fiduciary duty as a director, except for liability (i) for any breach of the director's duty of loyalty to the Company or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) under Section 174 of the DGCL, or (iv) for any transaction from which the director derived an improper personal benefit. If the DGCL is amended to permit further elimination or limitation of the personal liability of the directors, then the liability of the Company's directors shall be eliminated or limited to the fullest extent permitted by the DGCL, as so amended.

Table of Contents

DESCRIPTION OF DEPOSITARY SHARES

The following description of the depositary shares and the terms of the deposit agreement is a summary. It summarizes only those aspects of the depositary shares and those portions of the deposit agreement that we believe will be most important to your decision to invest in our depositary shares. You should keep in mind, however, that it is the deposit agreement, and not this summary, which defines your rights as a holder of depositary shares. There may be other provisions in the deposit agreement that are also important to you. You should read the deposit agreement for a full description of the terms of the depositary shares.

The particular terms of the depositary shares offered by any prospectus supplement and the extent to which the general provisions described below may apply to such depositary shares will be outlined in the applicable prospectus supplement.

General

We may choose to offer from time to time fractional interests in our debt securities and shares of our common stock or preferred stock. If we do so, we will issue fractional interests in our debt securities, common stock or preferred stock, as the case may be, in the form of depositary shares. Each depositary share would represent a fractional interest in a security of a particular series of debt securities, a fraction of a share of common stock or a fraction of a share of a particular series of preferred stock, as the case may be, and would be evidenced by a depositary receipt.

We will deposit the debt securities or shares of common stock or preferred stock represented by depositary shares under a deposit agreement between us and a depositary which we will name in the applicable prospectus supplement. Subject to the terms of the deposit agreement, as an owner of a depositary share you will be entitled, in proportion to the applicable fraction of a debt security or share of common stock or preferred stock represented by the depositary share, to all the rights and preferences of the debt security, common stock or preferred stock, as the case may be, represented by the depositary share, including, as the case may be, interest, dividend, voting, conversion, redemption, sinking fund, repayment at maturity, subscription and liquidation rights.

Interest, Dividends and Other Distributions

The depositary will distribute all payments of interest, cash dividends or other cash distributions received in respect of the debt securities, common stock or preferred stock, as the case may be, in proportion to the numbers of the depositary shares owned by the applicable holders on the relevant record date. The depositary will distribute only an amount, however, that can be distributed without attributing to any holder of depositary shares a fraction of one cent, and any balance not so distributed will be added to and treated as part of the next sum received by the depositary for distribution to record holders of depositary shares.

If there is a non-cash distribution, the depositary will distribute property received by it to the record holders of depositary shares entitled to it, unless the depositary determines that it is not feasible to make the distribution. If this happens, the depositary may, with our approval, sell the property and distribute the net sale proceeds to the holders. The deposit agreement will also contain provisions relating to the manner in which any subscription or similar rights that we offer to holders of the preferred stock will be made available to the holders of depositary shares.

Redemption of Depositary Shares

If we redeem a debt security, common stock or a series of preferred stock represented by depositary shares, the depositary shares will be redeemed from the redemption proceeds received by the depositary. The depositary will mail

notice of redemption not less than 30, and not more than 60, days before the date fixed for redemption to the record holders of the depositary shares to be redeemed at their addresses appearing in the depositary s

Table of Contents

books. The redemption price for each depositary share will be equal to the applicable fraction of the redemption price for each debt security or share of common stock or preferred stock, as the case may be, payable in relation to the redeemed series of debt securities, common stock or preferred stock. Whenever we redeem debt securities or shares of common stock or preferred stock held by the depositary, the depositary will redeem as of the same redemption date the number of depositary shares representing, as the case may be, fractional interests in the debt securities or shares of common stock or preferred stock redeemed. If fewer than all the depositary shares are to be redeemed, the depositary shares to be redeemed will be selected by lot, proportionately or by any other equitable method as the depositary may determine.

After the date fixed for redemption, the depositary shares called for redemption will no longer be considered outstanding and all rights of the holders of the depositary shares will cease, except the right to receive the cash, securities or other property payable upon the redemption and any cash, securities or other property to which the holders of the redeemed depositary shares were entitled upon surrender to the depositary of the depositary receipts evidencing the depositary shares.

The amount distributed in any of the foregoing cases will be reduced by any amount required to be withheld by us or the depositary on account of any taxes.

Exercise of Rights under the Indentures or Voting the Common Stock or Preferred Stock

Upon receipt of notice of any meeting at which you are entitled to vote, or of any request for instructions or directions from you as holder of fractional interests in debt securities, common stock or preferred stock, the depositary will mail to you the information contained in that notice. Each record holder of the depositary shares on the record date will be entitled to instruct the depositary how to give instructions or directions with respect to the debt securities represented by that holder's depositary shares or how to vote the amount of the common stock or preferred stock represented by that holder's depositary shares. The record date for the depositary shares will be the same date as the record date for the debt securities, common stock or preferred stock, as the case may be. The depositary will endeavor, to the extent practicable, to give instructions or directions with respect to the debt securities or to vote the amount of the common stock or preferred stock, as the case may be, represented by the depositary shares in accordance with those instructions. We will agree to take all reasonable action which the depositary may deem necessary to enable the depositary to do so. The depositary will abstain from giving instructions or directions with respect to your fractional interests in the debt securities or voting shares of the common stock or preferred stock, as the case may be, if it does not receive specific instructions from you.

Amendment and Termination of the Deposit Agreement

We may enter into an agreement with the depositary at any time to amend the form of depositary receipt evidencing the depositary shares and any provision of the deposit agreement. However, the holders of a majority of the depositary shares must approve any amendment which materially and adversely alters the rights of the existing holders of depositary shares. We or the depositary may terminate the deposit agreement only if (a) all outstanding depositary shares issued under the agreement have been redeemed or (b) a final distribution in connection with any liquidation, dissolution or winding up has been made to the holders of the depositary shares.

Resignation and Removal of Depositary

The depositary may resign at any time by delivering to us notice of its election to resign, and we may at any time remove the depositary. Any resignation or removal will take effect when a successor depositary has been appointed and has accepted the appointment. Such appointment must occur within 60 days after delivery of the notice of

resignation or removal. The successor depositary must be a bank or trust company having its principal office in the United States and having a combined capital and surplus of at least \$50,000,000.

Table of Contents

Miscellaneous

The depositary will forward all reports and communications from us which are delivered to the depositary and which we are required or otherwise determine to furnish to holders of debt securities, common stock or preferred stock, as the case may be.

We and the depositary will not be liable under the deposit agreement to you other than for our gross negligence, willful misconduct or bad faith. Neither we nor the depositary will be liable if we or the depositary is prevented or delayed by law or any circumstance beyond its control in performing its obligations under the deposit agreement. Our and the depositary's obligations under the deposit agreement will be limited to performance in good faith of our respective duties under the agreement. We and the depositary will not be obligated to prosecute or defend any legal proceedings relating to any depositary shares, debt securities, common stock or preferred stock, as the case may be, unless a satisfactory indemnity is furnished. We and the depositary may rely upon written advice of counsel or accountants, or upon information provided by persons presenting debt securities or shares of common stock or preferred stock, as the case may be, for deposit, you or other persons believed to be competent and on documents which we and the depositary believe to be genuine.

Table of Contents

DESCRIPTION OF WARRANTS

The following description of the warrants and terms of the warrant agreement is a summary. It summarizes only those aspects of the warrants and those portions of the warrant agreement which we believe will be most important to your decision to invest in our warrants. You should keep in mind, however, that it is the warrant agreement and the warrant certificate relating to the warrants, and not this summary, which defines your rights as a warrant holder. There may be other provisions in the warrant agreement and the warrant certificate relating to the warrants which are also important to you. You should read these documents for a full description of the terms of the warrants.

We may issue warrants to purchase debt or equity securities. We may issue warrants independently or together with any offered securities. The warrants may be attached to or separate from those offered securities. We will issue the warrants under warrant agreements to be entered into between us and a bank or trust company, as warrant agent, all as described in the applicable prospectus supplement. The warrant agent will act solely as our agent in connection with the warrants and will not assume any obligation or relationship of agency or trust for or with any holders or beneficial owners of warrants.

The prospectus supplement relating to any warrants that we may offer will contain the specific terms of the warrants. These terms may include, but are not limited to, the following:

the title of the warrants;

the designation, amount and terms of the securities for which the warrants are exercisable;

the designation and terms of the other securities, if any, with which the warrants are to be issued and the number of warrants issued with each other security;

the price or prices at which the warrants will be issued;

the aggregate number of warrants;

any provisions for adjustment of the number or amount of securities receivable upon exercise of the warrants or the exercise price of the warrants;

the price or prices at which the securities purchasable upon exercise of the warrants may be purchased;

the terms of any mandatory or optional redemption provisions relating to the warrants;

the terms of any right we have to accelerate the exercise of the warrants upon the occurrence of certain events;

if the warrants will be sold with any other securities, the date, if any, on and after which those warrants and any other securities will be transferable;

the identity of the warrant agent;

if applicable, the date on and after which the warrants and the securities purchasable upon exercise of the warrants will be separately transferable;

if applicable, a discussion of the material United States federal income tax considerations applicable to the exercise of the warrants;

any other terms of the warrants, including terms, procedures and limitations relating to the exchange and exercise of the warrants;

the date on which the right to exercise the warrants will commence, and the date on which the right will expire;

the maximum or minimum number of warrants which may be exercised at any time; and

information with respect to book-entry procedures, if any.

Table of Contents

Exercise of Warrants

Each warrant will entitle the holder of warrants to purchase for cash the amount of debt or equity securities, at the exercise price stated or determinable in the prospectus supplement for the warrants. Warrants may be exercised at any time up to the close of business on the expiration date shown in the prospectus supplement relating to the warrants, unless otherwise specified in the applicable prospectus supplement. After the close of business on the expiration date, unexercised warrants will become void. Warrants may be exercised as described in the prospectus supplement relating to the warrants. When the warrant holder makes the payment and properly completes and signs the warrant certificate at the corporate trust office of the warrant agent or any other office indicated in the prospectus supplement, we will, as soon as possible, forward the debt or equity securities that the warrant holder has purchased. If the warrant holder exercises the warrant for less than all of the warrants represented by the warrant certificate, we will issue a new warrant certificate for the remaining warrants.

Table of Contents

DESCRIPTION OF PURCHASE CONTRACTS AND PURCHASE UNITS

We may issue from time to time purchase contracts, including contracts obligating holders to purchase from us and obligating us to sell to the holders, debt securities, shares of common stock or preferred stock, or other securities that may be sold under this prospectus at a future date or dates, as the case may be. The consideration payable upon settlement of the purchase contracts, as well as the principal amount of debt securities or number of shares of common stock, preferred stock or other securities deliverable upon settlement, may be fixed at the time the purchase contracts are issued or may be determined by a formula set forth in the purchase contracts. The purchase contracts may be issued separately or as part of units consisting of a purchase contract and other securities or obligations issued by us, in each case, securing the holders' obligations to purchase the relevant securities under the purchase contracts. The purchase contracts may require us to make periodic payments to the holders of the purchase contracts or units or vice versa, and such payments may be unsecured or prefunded on some basis. The purchase contracts may require holders to secure their obligations under the purchase contracts in a specified manner and, in certain circumstances, we may deliver newly issued prepaid purchase contracts, often known as prepaid securities, upon release to a holder of any collateral securing such holder's obligations under the original purchase contract.

The applicable prospectus supplement will describe the terms of any purchase contracts or purchase units and, if applicable, prepaid securities. The description in the prospectus supplement will not necessarily be complete and will be qualified in its entirety by reference to the purchase contracts, and, if applicable, collateral arrangements and depositary arrangements, relating to the purchase contracts or purchase units and, if applicable, the prepaid securities and the document pursuant to which the prepaid securities will be issued.

Table of Contents

DESCRIPTION OF UNITS

We may issue from time to time units comprised of one or more of the other securities that may be offered under this prospectus, in any combination. Each unit will be issued so that the holder of the unit is also the holder of each security included in the unit. Thus, the holder of a unit will have the rights and obligations of a holder of each included security. The unit agreement under which a unit is issued may provide that the securities included in the unit may not be held or transferred separately at any time, or at any time before a specified date.

Any applicable prospectus supplement will describe:

the material terms of the units and of the securities comprising the units, including whether and under what circumstances those securities may be held or transferred separately;

any material provisions relating to the issuance, payment, settlement, transfer or exchange of the units or of the securities comprising the units; and

any material provisions of the governing unit agreement that differ from those described above.

Table of Contents

DESCRIPTION OF SUBSCRIPTION RIGHTS

This section describes the general terms of the subscription rights to purchase common stock or other securities that we may offer to stockholders using this prospectus. The following description is only a summary and does not purport to be complete. You must look at the applicable forms of subscription agent agreement and subscription certificate for a full understanding of all terms of any series of subscription rights. The forms of the subscription agent agreement and the subscription certificate will be filed or incorporated by reference as exhibits to the registration statement of which this prospectus is a part.

Subscription rights may be issued independently or together with any other security and may or may not be transferable. As part of the rights offering, we may enter into a standby underwriting or other arrangement under which the underwriters or any other person would purchase any securities that are not purchased in such rights offering. If we issue subscription rights, they may be governed by a separate subscription agent agreement that we will sign with a bank or trust company, as rights agent, that will be named in the applicable prospectus supplement. The rights agent will act solely as our agent and will not assume any obligation to any holders of rights certificates or beneficial owners of rights.

In general, a right entitles the holder to purchase for cash a specific number of shares of common stock or other securities at a specified exercise price. The rights are normally issued to stockholders as of a specific record date, may be exercised only for a limited period of time and become void following the expiration of such period. If we determine to issue subscription rights, we will accompany this prospectus with a prospectus supplement that will describe, among other things:

the record date for stockholders entitled to receive the rights;

the number of shares of common stock or other securities that may be purchased upon exercise of each right;

the exercise price of the rights;

whether the rights are transferable;

the period during which the rights may be exercised and when they will expire;

the steps required to exercise the rights;

the price, if any, for the subscription rights;

the number of subscription rights issued;

the terms of the shares of common stock or shares of preferred stock or depositary shares;

the extent to which the subscription rights are transferable;

if applicable, the material terms of any standby underwriting or other arrangement entered into by us in connection with the offering of subscription rights;

the other terms of the subscription rights, including the terms, procedures and limitations relating to the exercise of the subscription rights;

whether the rights include oversubscription rights so that the holder may purchase more securities if other holders do not purchase their full allotments;

whether we intend to sell the shares of common stock or other securities that are not purchased in the rights offering to an underwriter or other purchaser under a contractual standby commitment or other arrangement; and

any applicable United States federal income tax considerations.

Table of Contents

If fewer than all of the rights issued in any rights offering are exercised, we may offer any unsubscribed securities directly to persons other than stockholders, to or through agents, underwriters or dealers or through a combination of such methods, including pursuant to standby arrangements, as described in the applicable prospectus supplement.

Table of Contents

PLAN OF DISTRIBUTION

We may sell any series of debt securities, common stock, preferred stock, depository shares, warrants, purchase contracts and units being offered directly to one or more purchasers, through agents, to or through underwriters or dealers, or through a combination of any such methods of sale. The distribution of the securities may be effected from time to time in one or more transactions at fixed prices, which may be changed, at market prices prevailing at the time of sale, at prices related to such prevailing market prices or at negotiated prices. We may offer and sell securities from time to time to certain of our pension plans. The prospectus supplement will set forth the terms of the offering, including the names of any underwriters, dealers or agents, the purchase price of such securities and the proceeds to us from such sale, any underwriting discounts and commissions or agency fees and other items constituting underwriters or agents' compensation, any initial public offering price and any discounts or concessions allowed or paid to dealers or any securities exchange on which such securities may be listed. Any initial public offering price, discounts or concessions allowed or paid to dealers may be changed from time to time.

Any discounts, concessions or commissions received by underwriters or agents and any profits on the resale of securities by them may be deemed to be underwriting discounts and commissions under the Securities Act. Unless otherwise set forth in the applicable prospectus supplement, the obligations of underwriters to purchase the offered securities will be subject to certain conditions precedent, and such underwriters will be obligated to purchase all such securities, if any are purchased. Unless otherwise indicated in the applicable prospectus supplement, any agent will be acting on a best efforts basis for the period of its appointment.

We may enter into derivative transactions with third parties, or sell securities not covered by this prospectus to third parties in privately negotiated transactions. If the applicable prospectus supplement indicates, in connection with those derivatives, the third parties may sell securities covered by this prospectus and the applicable prospectus supplement, including in short sale transactions. If so, the third parties may use securities pledged by us or borrowed from us or others to settle those sales or to close out any related open borrowings of securities, and may use securities received from us in settlement of those derivatives to close out any related open borrowings of securities. The third parties in such sale transactions will be underwriters and, if not identified in this prospectus, will be identified in the applicable prospectus supplement (or a post-effective amendment).

We may also sell securities upon the exercise of rights that may be distributed to security holders.

Under certain circumstances, we may repurchase offered securities and reoffer them to the public as set forth above. We may also arrange for repurchase and resale of such offered securities by dealers.

We may also offer and sell securities, if so indicated in the applicable prospectus supplement, in connection with a remarketing upon their purchase, in accordance with a redemption or repayment pursuant to their terms, or otherwise, by one or more firms referred to as remarketing firms, acting as principals for their own accounts or as our agents. Any remarketing firm will be identified and the terms of its agreement, if any, with us and its compensation will be described in the applicable prospectus supplement. Remarketing firms may be deemed to be underwriters under the Securities Act in connection with the securities they remarket.

We may authorize underwriters, dealers or other persons acting as agents for them to solicit offers by certain institutions to purchase securities from us pursuant to contracts providing for payment and delivery on a future date. Institutions with which such contracts may be made include commercial and savings banks, insurance companies, pension funds, investment companies, educational and charitable institutions and others, but in all cases we must approve such institutions. The obligations of any purchaser under any such contract will be subject to the conditions that the purchase of the offered securities shall not at the time of delivery be prohibited under the laws of the

jurisdiction to which such purchaser is subject. The underwriters and such other agents will not have any responsibility in respect of the validity or performance of such contracts.

Table of Contents

In connection with the offering of securities, we may grant to the underwriters an option to purchase additional securities to cover over-allotments at the initial public offering price, with an additional underwriting commission, as may be set forth in the accompanying prospectus supplement. If we grant any over-allotment option, the terms of such over-allotment option will be set forth in the prospectus supplement for such securities.

The securities may be a new issue of securities that have no established trading market. Any underwriters to whom securities are sold for public offering and sale may make a market in such securities, but such underwriters will not be obligated to do so and may discontinue any market making at any time without notice. Such securities may or may not be listed on a national securities exchange. No assurance can be given as to the liquidity of or the existence of trading markets for any securities.

We may indemnify agents, underwriters, dealers and remarketing firms against certain liabilities, including liabilities under the Securities Act, or our agents, underwriters, dealers and remarketing firms may be entitled to contribution with respect to payments that such parties may be required to make in respect thereof. Our agents, underwriters, dealers and remarketing firms, or their affiliates, may be customers of, engage in transactions with or perform other services for us, in the ordinary course of business.

Any underwriter may engage in over-allotment, stabilizing transactions, short-covering transactions and penalty bids in accordance with Regulation M under the Exchange Act. Over-allotment involves sales in excess of the offering size, which create a short position. Stabilizing transactions permit bids to purchase the underlying security so long as the stabilizing bids do not exceed a specified maximum. Short-covering transactions involve purchases of the securities in the open market after the distribution is completed to cover short positions. Penalty bids permit the underwriters to reclaim a selling concession from a dealer when the securities originally sold by the dealer are purchased in a covering transaction to cover short positions. Those activities may cause the price of the securities to be higher than it would otherwise be. If commenced, the underwriters may discontinue any of the activities at any time.

Table of Contents

LEGAL MATTERS

Kirkland & Ellis LLP (a partnership that includes professional corporations), Chicago, Illinois, will issue an opinion about certain legal matters with respect to the securities offered hereby.

EXPERTS

The consolidated financial statements and schedule of YRCW as of December 31, 2012 and 2011, and for each of the years in the three-year period ended December 31, 2012, and management's assessment of the effectiveness of internal control over financial reporting as of December 31, 2012 have been incorporated by reference herein and in the registration statement in reliance upon the reports of KPMG LLP, independent registered public accounting firm, incorporated by reference herein, and upon the authority of said firm as experts in accounting and auditing.

Table of Contents

Up to 3,000,000 Shares

YRC Worldwide Inc.

Common Stock

Prospectus Supplement

December 3, 2013