



WINTER 2019/20



columbusequipment.com

# HEAVY LIFT



**Link-Belt**  
CRANES

RICHARD GOETTLE INC.



## New Link-Belt 348 Series II KEEN FOCUS ON POWER AND EASE-OF-OPERATION



Link-Belt's all-new 348 Series II, 300-ton lattice crawler crane is equipped with a new, upgraded Cummins engine. The Tier 4 Final, 320-horsepower Cummins QSL 9 engine is quiet, smooth running and efficient, according to Bob Weber, head of Columbus Equipment Company's Lifting Division.

Buyers prefer a Cummins engine over the previous engine Link-Belt used because of Cummins' superior service and support system in the field, he added.

The 348 also incorporates Link-Belt's new HSL style cabin, which is outfitted for comfort and function. The ergonomic design, including a six-way adjustable seat, provides operators with more room and better visibility. For safety and productivity, the cab has high-resolution-camera views to the winch, rear, and non-cab side swing of the machine. Monitors provide the operator with all lift info and let the operator set swing and other control parameters with audio and visual alarms and function kickouts.

A new attachment on the 348 Series II allows the heavy-duty boom tip section to remain in place when transitioning from conventional mode to a luffing configuration, which eliminates the need to change out tops.

While the 348 Series II is new, it shares boom extensions with the 348 HYLAB 5, so you can use the same heavy-duty, transition and long-range booms on both types of cranes.

"Ease of transportation, moving, disassembly, and

loading out are all hallmarks of a Link-Belt," Weber said. "Link-Belt puts a lot of thought into tear down, load out and hauling." On the 348, that attention to detail resulted in carbody jacks and quick disconnects on the lower hydraulics for easy installation and removal of side frames. Additionally, the counterweight and lattice sections are configured for minimal overflow loads.

**"Ease of transportation, moving, disassembly, and loading out are all hallmarks of a Link-Belt."**

*Bob Weber; Head of Lifting Division, Columbus Equipment Company*

The crane also has a new counterweight removal system that has really impressed those who have attended previews of the 348 Series II.

Contact your Columbus Equipment Company sales representative to see if the 348 Series II is right for your lifting needs. Link-Belt began shipping the crane in the fourth quarter of 2019. ■

## Link-Belt 120RT Rough Terrain Crane: TRUE 120-TONNER IMPRESSES ON RANGE AND FLEXIBILITY



Link-Belt's new 120RT rough terrain crane offers a true 120-ton lift chart along with work tools and operator comfort features that ensure productivity and efficiency.

The six-section, pin-and-latch formed boom provides outstanding reach (38.3-164.1 feet). For even greater flexibility and range (35-58 feet), Link-Belt offers a two-piece onboard offsettable fly that manually offsets at 0, 15, 30 and 45 degrees.

Link-Belt's V-CALC system provides operators with real-time 360-degree charts for 81 outrigger configurations. Once the outriggers are set, the system indicates the crane's available capacity and previews the operator's real-time capacities based on the crane's current configuration at the next five radiuses for a set boom angle.

Powered by a 232-horsepower Tier 4 Final Cummins engine and six-speed transmission, the 120RT has a new winch design with ultra-wide drums for increased line pull at higher working layers. The 120RT's winch line pull of 23,632 lbs. accommodates many applications and needs.

There are six access points to the carrier deck with ergonomic ladders. The operator has easy access to the flat deck from the cab, no matter the slew angle, and the deck is covered with a new slip-resistant paint.

The 120RT has the same cab design that Link-Belt introduced with the 75RT in 2017. The cab offers better visibility and operator comfort with a high-capacity HVAC

system, ergonomic seats, and better lighting. The cab, which tilts to 20 degrees, uses "plug and play" assembly for all electrical components.

This rough terrain crane is also outfitted with the tools to get the job done, day or night. That includes dual amber strobe lights, LED working lights and outrigger lights.

Link-Belt's V-CALC system provides operators with real-time 360-degree charts for 81 outrigger configurations.

Work platforms on the upper have guardrails, and the camera vision package includes a backup camera and cameras with a view of the winches and the right side of the upper.

Link-Belt continues to focus on ease of transport with the 120RT. The base unit weighs 94,477 lbs. without the modular counterweights, so under-100,000-pound rules apply. The crane can be deployed from a conventional lowboy and be ready to work as soon as the counterweight is assembled. ■





218

GOETTLE  
CINCINNATI, OHIO

60 YEARS  
GOETTLE  
1960-2020



## Richard Goettle Inc.: GEOTECHNICAL SPECIALISTS ON FIRM FOOTING WITH LINK-BELT



Under the Columbus skyline, Goettle Oiler Danny Smith awaits an incoming, 62-foot, 13,020-lb. beam. The beam will help form one of the Columbus site's 685 secant piles—a European technology that will provide support for the new, state-of-the-art facility.

Wherever you find a large construction project that presents engineering challenges, there's a good chance that Richard Goettle Inc. is on the case.

For more than 60 years, Cincinnati-based Goettle has been designing and building deep foundation systems, earth retention systems, ground modifications and marine construction.

The company has been involved in many high-profile projects, including major stadiums and power plants. Recent projects include foundation work for a new aircraft hangar, and two MLS soccer stadiums in Ohio.

"If it's a difficult or complex foundation project, Goettle is called in to do it," said Roger Reese, Goettle's Columbus Equipment Company sales representative.

One tool found at every Goettle jobsite is Link-Belt cranes. "We have a 60-year history with Link-Belt. That's all we own," said Clint Studt, shop manager for Goettle. The company's fleet of Link-Belt cranes includes six 108-B models, two 138-H2 models, a 138-H5, a 218-HSL and a 238-HSL.

The company prefers Link-Belts for many reasons. "There is a lot of flexibility in the machines. We can use them for different applications—drilling, driving pile, standard hoisting," Studt said. "The product support from Link-Belt and Columbus Equipment Company is phenomenal. The

parts support is great. The machines are simple to operate and simple to maintain."

Link-Belt durability is unbeatable, Goettle has found. The company has owned some of its 108s since the 1950s. "The 108s are still in good working order and are

"Link-Belts are the best crane suitable for our work due to their durability and operator friendliness. We're specialized and they handle what we do really well."

John Conety; Superintendent, Richard Goettle Inc.

used every day," Studt said. "We probably have the best fleet of 108s in the country. They are well maintained. Some of them have been painted six or seven times. We have the same angle boom we've had forever and we change out engines when needed."

The 108s are "a lot more flexible than using an RT," he

# Outreaches and outlifts all competition in its class!



# 75|RT

75 t | 70 mt ROUGH TERRAIN CRANE

- BOOM LENGTH AND CAPACITY OUTREACHES/OUTLIFTS ALL COMPETITION
- SIMPLE OPERATION – TWO BOOM EXTEND MODES
- LINK-BELT PULSE 2.0 – TOTAL CRANE OPERATING SYSTEM WITH V-CALC AND TELEMATICS
- FULL LED LIGHTING PACKAGE WITH THREE ON-BOARD CAMERAS
- TRANSPORTS LESS THAN 99,000 LBS | 44 905 KG

**Safe, simple, and easy to understand!**

- Real-time 360° charts
- Integrated RCL
- User-friendly interface
- Live preview mode
- Incorporated swing arrest



## Take control with Pulse 2.0

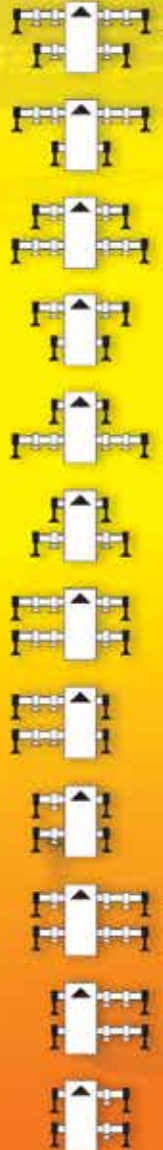
- 10" full color touch screen display
- Integrated RCL & ECM data
- Advanced diagnostics and monitoring features
- WiFi enabled for software updates
- Operator customizable

**ALL NEW CAB!!**

FRONT TO REAR

OR

SIDE TO SIDE



Contact your local Columbus Equipment Company representative about a 75|RT today!

**Link-Belt**  
CRANES

Lexington, Kentucky, USA | [www.linkbelt.com](http://www.linkbelt.com)





Richard Goettle Inc. relies upon experienced crews, as well as industry expertise, for projects to run smoothly. Pictured here prepping W-section, steel beams with Carpenter Jim Kersey, the company's Link-Belt 218-HSL Operator Pat Edinger has twelve years of experience.

added. "We are always in the mud. The 108s are rated enough to build other cranes and drill rigs, and you don't need two operators for one machine."

Goettle recently bought the Link-Belt 218 and 238 from Columbus Equipment Company because the industry is requiring bigger cranes, Studt said. "Foundation piles have gotten deeper and larger in diameter. That's where the 238 comes in. It's a real good fit for us for augercast piles. It has an excellent chart."



Goettle selected the 218 because it's a 110-ton crane rather than a 100-ton. "We got a little more oomph and it has a better chart than an H or an H2," Studt noted. "The extra 10 metric tons always helps, and it has a better reach."

"Deep foundation work on the 238's current project requires the placement of over 2,500 augercast piles 18-inch and 24-inch in diameter, weighing 40,000 to 50,000 pounds each," said John Conety, Goettle's superintendent for the project.

"Link-Belts are the best crane suitable for our work due to their durability and operator friendliness. We're specialized and they handle what we do really well. You are able to get the correct size of crane you need for each project with different models, boom lengths and setups," Conety said.

"I'm an operator by trade, and Link-Belts are a great crane," he added.

At the new Columbus soccer stadium, Goettle's Link-Belt

218 is being used to install 685 secant piles. The piles are 90 feet deep, and 62-foot-long W-section beams will be inserted vertically and concreted in place to create a cutoff wall, said Wes Campbell, field superintendent.

Campbell is a big fan of the 218. One of the crane's first jobs at the stadium was to build two large drill rigs, lifting parts that weigh more than 46,000 pounds. "The 218 is not too big, it's easy to move around, and it's not so heavy that they need to be on crane mats," he said. "Link-Belts are the workhorse in the industry."

Product support is an important factor in Goettle's preference for Link-Belts. "Parts availability is great,"


"Columbus Equipment Company has topnotch mechanics and has provided excellent support."

Clint Studt; Shop Manager, Richard Goettle Inc.

Studt said. "We order parts through Columbus Equipment Company, and they are very good. They have topnotch mechanics and have provided excellent support for our older machines. They have excellent product knowledge on the newer machines."

"When we commissioned the new 218 and 238, Columbus Equipment was there every step of the way," he added. "We didn't have any issues."

It's rare for any company to stick with a brand for six decades. Goettle's history with Link-Belt is a testament to the value, durability and support offered by the manufacturer.

For more on Richard Goettle Inc.'s Link-Belt experience, visit [columbusequipment.com/news/videos](http://columbusequipment.com/news/videos) for video coverage. 

## Aftermarket Solutions FROM WIKAL MOBILE CONTROL



### PRS90 MULTI-SENSOR INDICATOR

The PRS90 multi-sensor indicator was designed to improve productivity in lifting applications. The PRS90 system features the option of a 4.3" or 7" color display with user-friendly navigation allowing the operator to easily set limits and modify sensor configurations.

The PRS90 offers a flexible design that allows for incorporating any combination of both wireless and/or hardwired sensors into the system. The system allows for monitoring single or up to eight sensors including load, anti-two block, boom angle, length, and wind speed. A hardwired camera kit is also offered as an option for integration with the system.

### QSCALE IX LMI

The qSCALE Ix LMI system increases efficiency and productivity by providing the operator with a graphic display of the crane's current load and geometric information, including the actual and allowable load, boom length, boom angle, and load radius. The display also includes an integrated bar graph which provides the operator with information about the crane's utilization. With the option of a 4.3" or 7" color graphic display, the qSCALE Ix features an easy-to-use, step-by-step, set-up process.

The qSCALE Ix features a Crane Configurator Tool that minimizes the required time for system integration and provides a viable and cost-effective retrofit solution.

In order to improve efficiency, the time required for calibration is greatly reduced and simplified through a menu-driven calibration process. The sensors can be chosen freely, depending on whether the signal is transmitted through power, CANopen, or wireless.

### QSCALE MAESTRO LMI UPGRADE

The qSCALE maestro is an LMI upgrade solution for existing DS150G, DS350G/GW and maestro systems. The user friendly 4.3" color display shows actual and allowable load, boom length, boom angle and load radius, and incorporates an integrated light-bar and event recorder. System components include console, controller, junction box, pressure transducers, and cable assemblies. The system also incorporates the use of either a cable reel upgrade kit or a complete boom kit. The cable reel kit is chosen based on the specific requirements of the end-user. An external light-tower, wind speed, and camera are also available as optional features.

One of the main features of the qSCALE maestro is that it is configured to use the original calibration data. Converting existing software eliminates the need for costly re-calibration and enables the end-user to install the system quickly and efficiently, reducing overall cost and machine down-time. ■





# COLUMBUS EQUIPMENT COMPANY: LIFTING DIVISION CAREER OPPORTUNITIES

For over 65 years, Columbus Equipment Company has served Ohio contractors with world-class products and dedicated support. Recognized today as *Ohio's Dependable Dealer*, the company's commitment to employees and unmatched reputation for product support excellence extends across the State of Ohio, as well as the Midwest region.

Whether you're looking to embark upon a new career, or bring a wealth of experience to the table ...

Columbus Equipment Company's Lifting Division is now offering attractive benefit packages—and compelling career tracks—to those in search of technician/product support, sales and managerial positions.

## PRODUCT SUPPORT



## SALES



## MANAGEMENT



Are you driven to go above and beyond, serving lifting industry customers?

Feel you may be the next exceptional addition to our growing team?

If so, we encourage you to contact Bridget Folk at (614) 437-0368 or [bridgetf@columbusequipment.com](mailto:bridgetf@columbusequipment.com) to explore these exciting opportunities.

# Are you registered on Link-Belt Preferred?



- Serial number based search capabilities
- Groundbearing calculators
- Quick access
- Free!

[www.linkbelt.com](http://www.linkbelt.com)  
**Link-Belt** <sup>24/7</sup>  
*Preferred*

The online answer to all of your Link-Belt Crane questions.

Contact your local  
Columbus Equipment Company  
representative for more  
information today!





**\$495,000**

### 2014 Link-Belt TCC-500

- 3,900 hours, 35 ft to 110 ft, 4-section, full-power boom
- 35 ft to 58 ft, 2-piece offsettable lattice fly
- 32"-wide triple grouser track shoes
- Link-Belt Pulse RCL with internal lightbar
- Main and auxiliary hoists with cable followers
- Auxiliary lifting sheave
- Single-axis, joystick controllers
- Remote-controlled, boom-mounted floodlight
- Cummins QSB, 6-cylinder, Tier 4i diesel engine
- XL counterweight package
- 40-ton block and 8.5-ton ball



**\$200,000**

### 2009 Link-Belt RTC-8050 SII

- 6,400 Hours
- 35' 6" to 110', 4-section, full-power boom
- 28.5' to 51' 2-piece lattice fly
- Cat C6.6 series diesel engine
- Main and auxiliary hoists with cable followers
- 40-ton block and 8.5-ton ball



**\$350,000**

### 2013 Link-Belt RTC-8050 SII

- 2,800 Hours
- 35' 6" to 110', 4-section, full-power boom
- 28.5 ft to 51 ft 2-piece bi-fold lattice fly
- Cat C6.6 series diesel engine
- Main and auxiliary hoists with cable followers
- 360-degree swing lock
- 40-ton block and 8.5-ton ball

## Looking to Buy or Sell A Link-Belt Crane?

CALL YOUR  
LOCAL COLUMBUS  
EQUIPMENT COMPANY  
REPRESENTATIVE TODAY.



**\$375,000**

### 2012 Link-Belt RTC-8065 SII

- 4,700 hours
- 38 ft to 115 ft 4-section full-power boom
- 35 ft to 58 ft, 2-piece offsettable lattice fly
- Microguard RCL with internal lightbar
- Confined area lifting (CALC) outriggers
- Single-axis, joystick controllers
- Main and auxiliary hoists with cable followers
- Auxiliary lifting sheave
- Cat C6.6 6-cylinder diesel engine
- 60-ton block and 8.5-ton ball



**\$325,000**

### 2012 Link-Belt RTC-8050 SII

- 2,300 Hours
- 35' 6" to 110', 4-section, full-power boom
- 28.5' 1-piece lattice fly
- Cat C6.6 series diesel engine
- Main and auxiliary hoists with cable followers
- 40-ton block and 8.5-ton ball



**\$290,000**

### 2011 Link-Belt RTC-8050 SII

- 4,600 Hours
- 35' 6" to 110', 4-section, full-power boom
- 28.5' to 51' 2-piece lattice fly
- Cat C6.6 series diesel engine
- Main and auxiliary hoists with cable followers
- 40-ton block and 8.5-ton ball



**\$150,000**

### 2008 Link-Belt RTC-8030 SII

- 3,000 Hours
- 29 ft to 91 ft, 4-section, full-power boom
- 27 ft to 44 ft 2-piece lattice fly
- Cummins 6BT-5.9, 6-cylinder diesel engine
- Main hoist winch with cable followers
- 35-ton block and 8.5-ton ball



Ohio's Dependable Dealer

© 2020 Mediaworks Marketing, Inc.

# Ohio's Authorized Link-Belt Dealer



VISIT US AT:



## Statewide Coverage From The Following Locations:

COLUMBUS (614) 443-6541	TOLEDO (419) 872-7101	CINCINNATI (513) 771-3922	RICHFIELD (330) 659-6681	CADIZ (740) 942-8871
DAYTON (937) 879-3154	MASSILLON (330) 833-2420	ZANESVILLE (740) 455-4036	PAINESVILLE (440) 352-0452	PIKETON (740) 289-3757