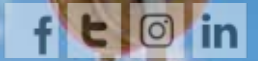




FALL 2018



columbusequipment.com

HEAVY

LIFTERS



MOSSER CONSTRUCTION INC.

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

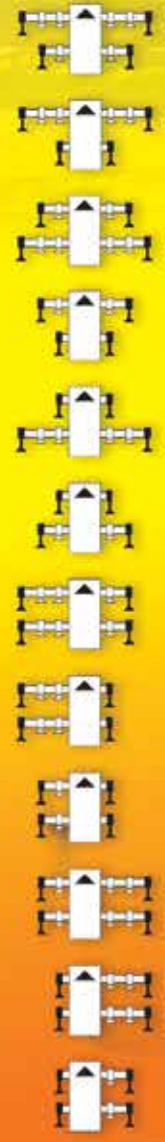


Take control with Pulse 2.0

- 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
C R A N E S
Lexington, Kentucky, USA | www.linkbelt.com

TCC-1200

TELESCOPIC CRAWLER CRANE



120-TON BASE RATING, IMPRESSIVE CAPACITY CHART

Link-Belt has upgraded the base rating of its 110-ton telescopic crawler crane to 120 tons. The upgrade to TCC-1200 is possible because Link-Belt is using the same lower carbody used on the TCC-1400.

“The new TCC-1200 has a load chart that is very similar to the TCC-1100 and features the tried-and-true upper of the 1100 on a heavier-duty undercarriage,” said Bob Weber, head of Columbus Equipment Company’s Lifting Division.

The machine passed base rating tests at the same radius as the original 110-ton crane did, according to Link-Belt. Its capacity chart rivals even lattice crawler cranes with a similar base rating.

The greaseless boom telescopes from 40 to 150 feet.

The telecrawler offers three track widths to meet the varying footprint needs of sectors the crane is frequently used in, such as energy, industry and infrastructure work. The

tracks can extend as wide as 18 feet 2 inches and retract to 11 feet 11 inches.

Link-Belt has also announced an optional wireless remote-control system for the new TCC-1200 and TCC-1400. The system is for applications where the operator needs to be out of the cab and still control the crane.

Contact your Columbus Equipment Company sales representative and see why the upgraded TCC-1200 is the right crane for your lifting needs.



Mosser Construction Inc.: SUCCESSFULLY PARTNERING WITH CLIENTS AND LINK-BELT ON OHIO'S INFRASTRUCTURE



Mosser Construction Inc. is known for its culture of partnering with clients and for self-performing almost every aspect of any project it takes on. The Fremont-based company, with an annual volume of about \$120 million, is involved in sectors such as heavy highway, water treatment facilities and building construction. It's common for all three departments to work on the same project, such as the current expansion of Collins Park Water Treatment Plant in Toledo, noted Doug Shealy, vice president.

That \$55 million project, where Mosser is constructing two 20-million-gallon concrete basins, required a larger crane than the company owned. Mosser turned to the experts, its crane operators, to select a new 110-ton crawler crane, and the experts chose the Link-Belt 218 HSL.

Crane operators Mark Rosenberger and Chris Smith spent weeks of personal time studying charts for 110-ton cranes from Link-Belt and two other competitors. They focused on the radius spec, Rosenberger explained. "We are a duty-cycle company. We do a lot of repetitive lifts like pouring concrete. In this class, Link-Belt outperforms the competition for the radius we do most of our work in. That's 100 to 190 feet out."

By moving up from 80-ton cranes, which have a radius of 90 to 150 feet, "we gain an additional 40 feet with the Link-Belt. That really opens up the job site and allows us to reach more work without having to move the crane around two or three times a day. It makes us far more productive," he said.

Mosser Construction is involved in sectors such as heavy highway, water treatment facilities and building construction.

The 218 came with other sizeable benefits, too. It's easier to transport and requires fewer loads than competitors. It's also easier to assemble and tear down. Support from Columbus Equipment Company also factored into the decision. "We've always gotten great support from Columbus Equipment Company," Shealy said.

The new crane was delivered to the Toledo jobsite at the end of March, and Columbus Equipment Company came out to assemble and test it.



Give your crane some **Boom TLC!**

**It's more than just a tune up,
it's a complete maintenance service!**

Keep your boom working at peak performance; avoid costly repairs down the road.

- **Inspect, adjust and/or replace** wear pads, pinning blocks, telescopic pin and latch mechanisms and sensors, stop bolts, all wiring and hydraulic components
- **Check** telescopic, pilot control and upper control pressures
- **Check** telescopic electronics
- **Check** and, if necessary, adjust boom and cylinder lengths for accuracy
- **Verify** latest software is installed
- **Verify** all campaigns have been completed
- **Performed only with Genuine Link-Belt Parts by factory trained technicians.**

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



(Left to right) Mosser Construction Operator Chris Smith, Vice President Doug Shealy, Operator Mark Rosenberger and Columbus Equipment Company Sales Specialist Luke Matheson with the company's Link-Belt 218 HSL.



With a working radius of 190 feet, the 110-ton Link-Belt 218 HSL commands access to the entire, active work zone at the company's \$55-million Collins Park Water Treatment Plant Basins 7 & 8 Project.



Mosser Construction operators Mark Rosenberger (left) and Chris Smith (right) discuss the Link-Belt 218 HSL's load capacity chart with Columbus Equipment Company's Luke Matheson.

Since then, the crane has proven its versatility, said Smith, the 218's operator. "We pour a lot of concrete out of buckets. I can take a yard of concrete in a 160- or 170-foot radius and it's cheaper than renting a pump." Many of the pours are only 10 to 20 yards, so a pumper isn't practical anyway.

"In this class, Link-Belt outperforms the competition for the radius we do most of our work in. That's 100 to 190 feet out."

Mark Rosenberger; Crane Operator, Mosser Construction

Smith has used the 218 to swing forms to the walls and unload re-steel. "Having the extra boom and capacity with this crane allows me to put the steel where the workers need it without moving the crane." He was also able to pick a 21,000-lb. prefab concrete structure when an excavator couldn't remove it from the truck.

Both operators, with a combined 45 years of experience, like the roomy cab. "It's a very comfortable, solid, sound machine," Rosenberger said. "It's very user friendly."

The LMI (load moment indicator) showing the maximum load rating at your working radius is a time-saver, he said. "If someone wants to know if we can go out another 5 feet, the LMI tells you without having to consult a load chart. That can save you 10 to 15 minutes."

"The Link-Belt allows us to reach more work without having to move the crane around two or three times a day. It makes us far more productive."

Mark Rosenberger; Crane Operator, Mosser Construction

Smith finds the large flat front window of the Link-Belt provides a distortion-free view compared with the curved glass on American brand cranes. He also appreciates the master control switch that simplifies shutdown.

The company, which started out building elementary schools, is celebrating its 70th anniversary this year. Today, Mosser—an employee-owned (ESOP) company—operates all over northern Ohio, working on large public and private projects that can impact the lives of Ohioans, such as building safer roads, Shealy noted.

With many complex projects successfully completed, Mosser Construction has proven the benefits of prudent decision making, as well as teamwork and partnering. ■



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 to explore these exciting opportunities.

Link-Belt Milestone: COMPANY PRODUCES 10,000TH FORMED BOOM



Link-Belt Cranes has passed a milestone in its manufacturing history. The company recently produced its 10,000th formed boom, proving ten-thousand times over that producing booms in-house is the best way to ensure quality.

The project took years of research, design and fabrication, but the result is a high-quality manufacturing process that is the best in the business.

Previously, Link-Belt purchased formed boom sections from an overseas supplier, but about a decade ago the company decided producing its own booms made economic sense and would ensure a ready supply of quality booms.

Taking the project in-house was a complex venture. Link-Belt engineers and technicians had to develop all the processes needed to cut the materials, precision-form the plates, weld the shell pieces together, and complete the weldment to the highest quality. The team designed or created specifications for all the equipment needed to cut, bend, weld, inspect and handle the material used in producing the booms.

To ensure quality and consistent processes, Link-Belt teams also developed automated controls and computer programs to support the flow of the fabrication process.

The project took years of research, design and fabrication, but the result is a high-quality manufacturing process that is the best in the business. In 2014, Link-Belt won the President's Award Gold Prize from Sumitomo Heavy Industries, its parent company, for the innovation and quality of the equipment designed for the formed boom manufacturing process.

"The expertise and professionalism required to develop this complex process is just one example of Link-Belt's innovation," noted Bob Weber, head of the Lifting Division at Columbus Equipment Company. "Every part of every Link-Belt crane is designed and manufactured with the same exacting attention to quality. That's one reason we are proud to have them as partners."

While reaching a milestone is exciting, the manufacturer is looking ahead. "Link-Belt will continue to innovate and grow for the benefit of our dealers and customers, who expect the best products from us, and for the sake of our wonderful employees," said Dan Harrington, Link-Belt's director, production engineering.

And that 10,000th boom? It was installed on a 140-ton TCC-1400 telescopic crawler crane. It is hard at work today ... and will be for many years to come. ■

Rough Terrain Cranes

Models	Capacity US t (mt)	Boom Type & Length ft (m)	Height x Width x Length ft (m)	Maximum Tip Height ft (m)
RTC-8050 Series II	50 (50)	Full Power 4-Section 35.5 - 110 (10.8 - 33.5)	11.9 (3.65) x 10.3 (3.14) x 43.7 (13.34)	168 (51.2)
RTC-8065 Series II	65 (60)	Full Power 4-Section 38 - 115 (11.6 - 35.0)	12.2 (3.7) x 10.6 (3.2) x 45.5 (13.9)	211.6 (64.5)
Link-Belt 75 RT	75 (70)	Full Power 5-Section 38 - 142 (11.6 - 43.3)	12.2 (3.7) x 10.6 (3.2) x 45.5 (13.9)	208.7 (63)
RTC-8090 Series II	90 (80)	Pin & Latch 5-Section 38 - 140 (11.6 - 42.7)	12.5 (3.82) x 10.75 (3.3) x 45.8 (13.9)	238.1 (72.6)
Link-Belt 110 RT	110 (100)	Pin & Latch 6-Section 38 - 164.1 (11.6 - 50)	12.9 (3.94) x 10.9 (3.33) x 45.98 (14.01)	261.7 (79.8)
RTC-80110 Series II	110 (100)	Full Power 5-Section 40 - 150 (12.2 - 45.7)	12.2 (3.71) x 9.9 (3.02) x 47.8 (14.58)	250 (76.2)
RTC-80130 Series II	130 (120)	Pin & Latch 5-Section 41.4 - 162 (12.6 - 49.3)	12.4 (3.78) x 9.8 (3.00) x 48.8 (14.88)	278 (84.7)
RTC-80160 Series II	160 (145)	Pin & Latch 6-Section 42.3 - 195.3 (12.9 - 59.5)	12.6 (3.8) x 9.8 (3.00) x 49.4 (14.75)	311 (94.8)

Telescopic Truck Cranes

Models	Capacity US t (mt)	Boom Type & Length ft (m)	Maximum Tip Height ft (m)	Base Machine Weight w Std. Cwt. lb (kg)
HTC-8660 Series II	60 (50)	Full Power 4-Section 35.5 - 110 (10.8 - 33.5)	167 (50.9)	72,769 (33,007)
HTC-8675 Series II	75 (70)	Pin & Latch 4-Section 41 - 127 (12.5 - 38.7)	199 (60.7) - 230 (70.1)	85,276 (38,681)
HTC-86100	100 (85)	Pin & Latch 5-Section 38 - 140 (11.6 - 42.7)	205 (62.5) - 237 (72.2)	91,086 (41,316)
HTC-86110	110 (100)	Pin & Latch 6-Section 38.3 - 164.1 (11.7 - 50)	230 (70.1) - 262 (79.9)	99,440 (45,105)
HTC-3140 LB	140 (120)	Pin & Latch 6-Section 42.3 - 195.3 (12.9 - 59.5)	258 (78.6) - 311 (94.8)	108,618 (49,268)

Truck Terrain Cranes

Models	Capacity US t (mt)	Boom Type & Length ft (m)	Maximum Tip Height ft (m)	Base Machine Weight w Std. Cwt. lb (kg)
HTT-8675 Series II	75 (70)	Pin & Latch 4-Section 41 - 127 (12.5 - 38.7)	199 (60.7) - 230 (70.1)	85,999 (39,006)
HTT-86100	100 (85)	Pin & Latch 5-Section 38 - 140 (11.6 - 42.7)	205 (62.5) - 237 (72.2)	91,758 (41,621)
HTT-86110	110 (100)	Pin & Latch 6-Section 38.3 - 164.1 (11.7 - 50)	230 (70.1) - 262 (79.9)	99,929 (45,327)

All Terrain Cranes

Models	Capacity US t (mt)	Boom Type & Length ft (m)	Height x Width x Length ft (m)	Maximum Tip Height ft (m)
ATC-3210	210 (185)	Pin & Latch 6-Section 44.3 - 200.1 (13.5 - 61.1)	12.9 (3.9) x 9.8 (3.0) x 51.3 (15.6)	277.3 (84.5) - 326.7 (99.6)
ATC-3275	275 (250)	Pin & Latch 7-Section 43.7 - 223 (13.3 - 68)	12.9 (4.0) x 9.8 (3.0) x 52.8 (16.1)	301 (91.7) - 350 (106.7)

Lattice Crawler Cranes

Models	Capacity US t (mt)	Crane Operating Weight lb (kg)	Boom Type & Length ft (m)	Maximum Boom & Jib Combinations ft (m)
138 HSL	80 (73)	145,403 (65,954)	Tube: 40 - 200 (12.19 - 60.96)	180 + 60 (54.86 + 18.29)
			Angle: 40 - 150 (12.19 - 45.72)	140 + 60 (45.72 + 18.29)
218 HSL	110 (100)	190,058 (86,209)	Tube: 40 - 230 (12.19 - 70.10)	200 + 75 (60.96 + 22.86)
			Angle: 45 - 155 (13.71 - 47.24)	-
228 HSL	130 (117)	235,041 (106,614)	Tube: 45 - 235 (13.72 - 71.65)	205 + 75 (62.5 + 22.86)
			Angle: 45 - 155 (13.71 - 47.24)	-
238 HSL	150 (137)	262,677 (119,148)	Tube: 50 - 260 (15.24 - 79.25)	230 + 80 (70.10 + 24.38)
248 HSL	200 (182)	270,130 (122,529)	Tube: 55 - 285 (16.76 - 86.86)	245 + 100 (74.68 + 30.48)
298 Series II	250 (227)	416,538 (188,938)	Tube: 60 - 290 (18.29 - 88.39)	250 + 90 (76.2 + 27.43)
348 Series II	300 (273)	516,178 (234,134)	Heavy Duty: 70 - 300 (21.3 - 91.4)	240 + 180 (73.15 + 54.86)
			Long Range: 85 - 355 (25.01 - 108.2)	160 + 210 + 80 (48.77 + 64.01 + 24.38)

Telescopic Crawler Cranes

Models	Capacity US t (mt)	Boom Type & Length ft (m)	Height x Width x Length ft (m)	Op. Weight lb (kg)
TCC-500	50 (51)	Full Power 4-Section 35.6 - 110 (10.8 - 33.8)	9.9 (3.01) x 11.4 (4.12) x 45.4 (13.8)	99,750 (45,246)
TCC-750	75 (70)	Full Power 4-Section 38.6 - 115.6 (11.8 - 35.2)	10.8 (3.29) x 11.4 (3.48) x 48.8 (14.35)	145,000 (65,770)
TCC-1200	120 (110)	Full Power 5-Section 40 - 150 (12.2 - 45.7)	11.8 (3.6) x 11.9 (3.62) x 48.6 (14.81)	221,500 (100,471)
TCC-1400	140 (127)	Pin & Latch 6-Section 42.4 - 195.4 (12.92 - 59.5)	11.8 (3.6) x 11.9 (3.63) x 52.7 (16.06)	233,000 (105,823)
TCC-2500	250 (230)	Pin & Latch 7-Section 43.7 - 223 (13.3 - 68)	13.2 (4) x 23.7 (7.2) x 54.8 (16.7)	401,985 (182,327)



Link-Belt was born because our founding father understood the importance of replacement parts.

William Dana Ewart

Building on that principal, 140 years later...

- Trained technical specialists
- Faster and more efficient customer service
- State of the art computer information systems
- 24 hours a day, 7 days a week
- 72,000 Sq. Ft. Parts Distribution Center
- All parts in stock ship the same business day



Link-Belt
CRANES
GENUINE
PARTS



*Contact your local Columbus Equipment Company
representative about Link-Belt Genuine Parts today!*



Ohio's Dependable Dealer

2323 Performance Way
Columbus, OH 43207

© 2018 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