

CRANE GUIDE




Link-Belt
C R A N E S

Experience Link-Belt.

We are a financially strong, progressive company with cutting edge technology that designs, manufactures, sells and supports world class cranes for our highly valued customers.

Operations

A dynamic and highly-focused, wholly-owned subsidiary of Sumitomo Heavy Industries, Link-Belt is a market leader in crane design and product quality standards. Millions of dollars have been committed to a company-wide "lean manufacturing" philosophy, modeled after Toyota's lean production system. The operating principles of SQCD (safety, quality, cost, delivery) are adhered to in every aspect of the company.

Human factor

The essence of Link-Belt is our people: a family of motivated professionals passionate about quality and innovation. Great cranes are just one of our many byproducts. With over 135 years of experience, our work is an unrelenting search for improvement. Our employees deliver their heart and soul to you with every Link-Belt crane.



For advice and ideas, our engineers turn to you, our customers. Then, in a state-of-the-art facility relentlessly evolving efficiencies, those ideas coalesce into cranes that dominate the market and build the world: customers, engineers and crane builders in perfect harmony.

Support

Link-Belt dealers are some of the finest on the globe. With long-term financial strength, they are ready to take on your challenges and furnish the know-how that keeps your cranes ready to work. These dealers are not isolated either. Link-Belt has dedicated full time regional service technicians and factory technical advisors available to maximize up-time for your cranes. In addition, our dedicated 72,000 sq. ft. (6 698 m²) Parts Distribution Center is an integral part of the Link-Belt product support commitment. Count on the right parts and the right people when and where you need them.

... to be
recognized
as a
leader
**customer
service &
satisfaction.**
— The Link-Belt Vision

Value

It takes more than just a crane. It takes answers, even at midnight, wherever you are. Link-Belt Preferred delivers with around-the-clock availability. Find manuals and specifications online for almost every Link-Belt crane. Calculate ground bearing pressures or view part diagrams – it's all there. Need a complete lift plan? 3DLiftPlan.com is quick and easy and Link-Belt provides free access for all our 3D cranes to be used. But Link-Belt Preferred is more than just websites. It is value. It spans comprehensive product training and support personnel with their hands on your crane. Best of all, Link-Belt Preferred comes standard with every Link-Belt.



State-of-the-art

Since 2010, Link-Belt has undergone \$35 million (USD) of factory expansions that garnered higher quality control and manufacturing capacity. These expansions include a state-of-the-art formed boom production facility, boom painting system, and boom assembly bay. All told, these improvements add up to about 145,000 square feet of manufacturing floor space.

Link-Belt
Preferred

ISO 9001 / ISO 14001

Link-Belt operates on the principles of continuous quality improvement, ISO 9001, and established values that support the vision of quality, resulting in reduction in waste, better use of company resources and improved employee and customer satisfaction. In 2011, the Link-Belt Environmental Management System was validated with the ISO 14001 certification. The International Organization for Standardization issues this certification as a framework to assist organizations in developing their own environmental management system.

Only forward

Link-Belt has not slowed down during the last few years, but has continued to strengthen ourselves for the future. Well, the future is here and we're stronger and more confident than ever. We continue to develop significant new products, and add manufacturing capabilities to control our destiny. These investments flow directly to you, our customer, as cutting-edge cranes with superior support. Link-Belt is ready to move, meeting your challenges and supporting your success.



Rough Terrain Cranes

Models	Capacity US t (mt)	Boom Type & Length ft (m)	Optional Boom Attachments ft (m)	Maximum Tip Height ft (m)	Base Machine Weight w Std. Cwt. lb (kg)
RTC-8030 Series II	30 (30)	4-Section 29 - 91.3 (8.8 - 27.8)	25 (7.6) fixed fly 27 - 44 (8.2 - 13.4) two-piece offsettable fly	143 (43.6)	55,526 (25 186)
RTC-8050 Series II	50 (50)	4-Section 35.5 - 110 (10.8 - 33.5)	28.5 - 51 (8.7 - 15.5) two-piece offsettable fly	168 (51.2)	73,899 (33 520)
RTC-8065 Series II	65 (60)	4-Section 38 - 115 (11.6 - 35.0)	35 - 58 (10.7 - 17.7) two-piece offsettable fly Two 16 (4.9) extensions plus 58 (17.7) two-piece offsettable fly	211.6 (64.5)	84,967 (38 540)
RTC-8080 Series II	80 (80)	4-Section 41 - 127 (12.5 - 38.7)	38 - 64 (11.6 - 19.5) two-piece offsettable fly 10 - 38 - 64 (3.0 - 11.6 - 19.5) three-piece offsettable fly Two 16 (4.9) extensions plus 64 (19.5) offsettable fly	230.9 (70.4)	100,325 (45 507)
RTC-8090 Series II	90 (80)	5-Section 38 - 140 (11.6 - 42.7)	35 - 58 (10.7 - 17.7) two-piece offsettable fly Two 16 (4.9) extensions plus 58 (17.7) two-piece offsettable fly	238 (72.5)	99,930 (45 327)
RTC-80110 Series II	110 (100)	5-Section 40 - 150 (12.2 - 45.7)	31 - 55 (9.4 - 16.8) two-piece offsettable fly 10 - 31 - 55 (3.0 - 9.4 - 16.8) three piece offsettable fly Two 18 (5.5) extensions plus 55 (16.8) offsettable fly	250 (76.2)	129,442 (58 714)
RTC-80130 Series II	130 (120)	5-Section 41.4 - 162 (12.6 - 49.3)	31 - 55 (9.4 - 16.8) two-piece offsettable fly 10 - 31 - 55 (3.0 - 9.4 - 16.7) three piece offsettable fly Three 18 (5.5) extensions plus 55 (16.8) offsettable fly	278 (84.7)	131,663 (59 721)
RTC-80150 Series II	150 (135)	6-Section 42.3 - 195.3 (12.9 - 59.5)	31 - 55 (9.4 - 16.8) two-piece offsettable fly 10 - 31 - 55 (3.0 - 9.4 - 16.7) three piece offsettable fly Three 18 (5.5) extensions plus 55 (16.8) offsettable fly	311 (94.8)	143,250 (64 977)



Telescopic Truck Cranes

Models	Capacity US t (mt)	Boom Type & Length ft (m)	Optional Boom Attachments ft (m)	Maximum Tip Height ft (m)	Base Machine Weight w Std. Cwt. lb (kg)
HTC-8640 SL	40 (36.2)	4-Section 35.5 - 110 (10.8 - 33.5)	28.5 - 51 (8.7 - 15.5) two-piece offsettable fly	167 (50.9)	65,293 (29 616)
HTC-8660 Series II	60 (50)	4-Section 35.5 - 110 (10.8 - 33.5)	28.5 - 51 (8.7 - 15.5) two-piece offsettable fly	167 (50.9)	72,493 (32 883)
HTC-8675 Series II	75 (70)	4-Section 41 - 127 (12.5 - 38.7)	38 - 64 (11.6 - 19.5) two-piece offsettable fly Two 16 (4.9) extensions plus 64 (19.5) two-piece offsettable fly	230 (70.2)	85,451 (38 760)
HTC-86100	100 (85)	5-Section 38 - 140 (11.6 - 42.7)	35 - 58 (10.7 - 17.7) two-piece offsettable fly Two 16 (4.9) extensions plus 58 (17.7) two-piece offsettable fly	237 (72.2)	90,572 (41 083)
HTC-3140	140 (120)	5-Section 41.4 - 162 (12.6 - 49.3)	31 - 55 (9.4 - 16.7) two-piece offsettable fly 10 - 31 - 55 (3.0 - 9.4 - 16.7) three-piece offsettable fly Three 18 (5.5) extensions plus 55 (16.7) offsettable fly	278 (84.7)	121,414 (55 073)
HTC-3140 LB	140 (120)	6-Section 42.3 - 195.3 (12.9 - 59.5)	31 - 55 (9.4 - 16.7) two-piece offsettable fly 10 - 31 - 55 (3.0 - 9.4 - 16.7) three-piece offsettable fly Three 18 (5.5) extensions plus 55 (16.7) offsettable fly	311 (94.8)	126,618 (57 433)

Truck Terrain Cranes



Models	Capacity US t (mt)	Boom Type & Length ft (m)	Optional Boom Attachments ft (m)	Maximum Tip Height ft (m)	Base Machine Weight w Std. Cwt. lb (kg)
HTT-8675 Series II	75 (70)	4-Section 41 - 127 (12.5 - 38.7)	38 - 64 (11.6 - 19.5) two-piece offsettable fly Two 16(4.9) extensions plus 64 (19.5) two-piece offsettable fly	230 (70.2)	86,216 (39 107)
HTT-86100	100 (85)	5-Section 38 - 140 (11.6 - 42.7)	35 - 58 (10.7 - 17.7) two-piece offsettable fly Two 16 (4.9) extensions plus 58 (17.7) two-piece offsettable fly	237 (72.2)	91,375 (41 447)

All Terrain Cranes



Models	Capacity US t (mt)	Boom Type & Length ft (m)	Optional Boom Attachments ft (m)	Maximum Tip Height ft (m)	Base Machine Weight w Std. Cwt. lb (kg)
ATC-3210	210 (185)	6-Section 44.3 - 200.1 (13.5 - 61)	40 - 67 (12.2 - 20.4) two-piece offsettable fly 12 - 40 - 67 (3.6 - 12.2 - 20.4) three-piece offsettable fly Two 25 (7.6) extensions plus 67 (20.4) offsettable fly	326.7 (99.6)	158,585 (71 933)
ATC-3275	275 (250)	7-Section 43.7 - 223 (13.3 - 68)	40 - 67 (12.2 - 20.4) two-piece offsettable fly 12 - 40 - 67 (3.6 - 12.2 - 20.4) three-piece offsettable fly Two 25 (7.6) extensions plus 67 (20.4) offsettable fly	350 (106.7)	169,792 (77 016)



Lattice Crawler Cranes

Models	Capacity US t (mt)	Crane Operating Weight lb (kg)	Boom Type & Length ft (m)	Maximum Boom & Jib Combinations ft (m)	Maximum Luffing Attachment Length ft (m)	Track Extended Gauge & Length ft (m)
108 H5 ■	50 (50)	96,830 (43 921)	Angle: 40 - 140 (12.19 - 42.67)	110 + 50 (33.53 + 15.24)	N/A	Gauge: 11.2 (3.40) Length: 17.7 (5.38)
138 HSL ■	80 (73)	143,403 (65 954)	Tube: 40 - 200 (12.19 - 60.96)	180 + 60 (54.86 + 18.29)	N/A	Gauge: 14 (4.26) Length: 20 (6.15)
		146,743 (66 561)	Angle: 40 - 150 (12.19 - 45.72)	150 + 60 (45.72 + 18.29)	N/A	
218 HSL ■	110 (100)	188,650 (88 570)	Tube: 40 - 230 (12.19 - 70.10)	200 + 75 (60.96 + 22.86)	Luffing Boom: 140 (42.67) Luffing Jib: 140 (42.67)	Gauge: 14.2 (4.32) Length: 20.5 (6.25)
			Angle: 45 - 155 (13.71 - 47.24)	-		
238 HSL ■	150 (137)	270,000 (122 469)	Tube: 50 - 260 (15.24 - 79.25)	230 + 80 (70.10 + 24.38)	Luffing Boom: 165 (50.29) Luffing Jib: 150 (45.72) Fixed Jib: 30 (9.14)	Gauge: 17.72 (5.4) Length: 25.96 (7.91)
248 HSL ■	200 (182)	345,000 (156 489)	Tube: 55 - 285 (16.76 - 86.86)	245 + 100 (74.68 + 30.48)	Luffing Boom: 150 (45.72) Luffing Jib: 170 (51.82) Fixed Jib: 30 (9.14)	Gauge: 18.80 (5.73) Length: 27.39 (8.35)
298 HSL ■	250 (227)	390,069 (176 935)	Tube: 60 - 300 (18.29 - 91.44)	270 + 90 (82.30 + 27.43)	Luffing Boom: 180 (54.86) Luffing jib: 200 (60.96)	Gauge: 19.3 (5.86) Length: 27.8 (8.45)
348 H5 ■	300 (273)	505,688 (229 376)	Tube: 70 - 300 (21.3 - 91.4)	250 + 140 (76.2 + 42.7)	180 + 240 (54.86 + 73.15) 160 + 210 + 80 (48.77 + 64.01 + 24.38)	Retracted Gauge: 19.2 (5.84) Extended Gauge: 22 (6.71) Length: 30.7 (9.35)
			Long Range: 85 - 355 (25.01 - 108.2)	295 + 140 (89.9 + 42.6)		
548 ■	550 (500)	966,214 (438 267)	Heavy duty: 79 - 315 (24 - 96) Long range: 138 - 354 (42.62 - 108)	354 + 12.1 (108 + 3.7)	236 + 236 (72 + 72)	Gauge: 26.3 (8.0) Length: 38.1 (11.32)
548 SL-T ■	600 (544)	1,495,321 (678 267)	Heavy duty: 118 - 315 (36 - 96) Long range: 138 - 354 (78 - 126)	413 + 12.1 (126 + 3.7)	315 + 315 (96 + 96)	Gauge: 26.3 (8.0) Length: 38.1 (11.32)

■ Sold in North America, South America, Caribbean, Central America only

Lattice Truck Crane



Models	Capacity US t (mt)	Boom Type & Length ft (m)	Maximum Boom & Jib Combinations ft (m)	Maximum Luffing Attachment Length ft (m)	Wheelbase ft (m)	Outrigger Spread / Base ft (m)
HC-238H II	150 (137)	Tube: 50 - 260 (15.24 - 79.25)	230 + 75 (70.10 + 22.86)	Luffing Boom: 165 (50.29) Luffing Jib: 150 (45.72) Fixed Jib: 30 (9.14)	23.5 (7.16)	Spread: 22.7 (6.91) Base: 19.8 (6.05)
HC-278H II	300 (273)	Tube: 60 - 330 (18.29 - 100.58)	300 + 100 (91.44 + 30.48)	Luffing Boom: 200 (60.96) Luffing Jib: 200 (60.96) Fixed Jib: 30 (9.14)	24 (7.32)	Spread: 24.5 (7.47) Base: 24.5 (7.47)

Telescopic Crawler Cranes



Models	Capacity US t (mt)	Boom Type & Length ft (m)	Height Width Length ft (m)	Gradeability	Operating Weight lb (kg)	Track Extended Gauge & Length ft (m)
TCC-450	45 (41)	4-Section 33 - 105 (10.06 - 32)	H: 11.1 (3.39) W: 8.5 (2.59) L: 37.1 (11.31)	40%	97,600 (44 225)	Gauge: 10.8 (3.30) Length: 18 (5.48)
TCC-500	50 (51)	4-Section 35.6 - 110 (10.8 - 33.8)	H: 9.11 (3.01) W: 11.5 (3.49) L: 45.5 (13.9)	40%	99,750 (45 246)	Extended: 15.2 (4.63) Intermediate: 13.6 (4.12) Retracted: 11.5 (3.49) Track Length: 19.6 (6.00)
TCC-750	75 (70)	4-Section 38.6 - 115.6 (11.8 - 35.2)	H: 10.4 (3.17) W: 11.4 (3.48) L: 47.9 (14.35)	40%	145,000 (65 770)	Extended: 14 (4.27) Intermediate: 11.9 (3.63) Retracted: 8.9 (2.57) Track Length: 20.7 (6.31)
TCC-1100 CE	110 (100)	5-Section 40 - 150 (12.2 - 45.7)	H: 11.8 (3.60) W: 11.9 (3.62) L: 48.6 (14.81)	40%	221,500 (100 471)	Extended: 15.18 (4.63) Intermediate: 12.73 (3.88) Retracted: 8.9 (2.73) Track Length: 23.35 (7.12)

Link-Belt *Preferred*

Comprehensive support for Link-Belt crane owners

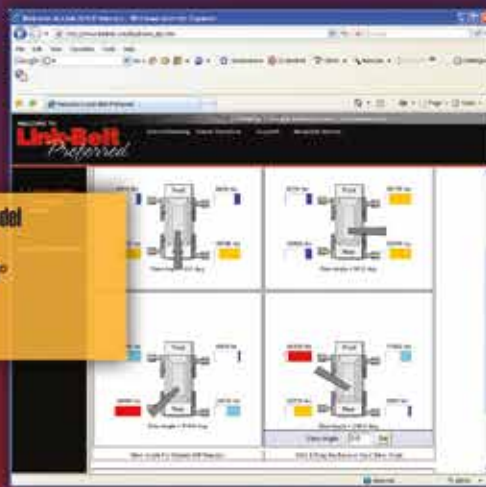
Online 3D LIFT PLANNING

- Web-based, active 3D, high graphic
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- Print actual lift



Online GROUNDBEARING PRESSURES

- Dynamic specific machine model pontoon loadings
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PLUS...
Online access to
all crane technical
information



- Factory-trained distributor support
- Experienced factory technicians
- 24/7 parts distribution with 95% availability
- Factory parts customer service reps
- Link-Belt certified structural repair
- Boom inspection
- Online manuals:
 - Operator manuals
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 - Parts pages
- Literature archive
- 3D lift planning
- Groundbearing pressures calculator



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We are constantly improving our products and therefore reserve the right to change designs and specifications.

Litho in U.S.A. 02/14 4439 (supersedes 4427)

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