

**FMC**

Complementing the exclusive upperstructure Full-Function gear train are a series of design originals which have allowed the Link-Belt wire rope crawler cranes/excavators to maintain industry leadership.

- Speed-o-Matic® power hydraulic control system provides superb control of all machine functions. This exclusive control system permits the use of 2-shoe clutches for smooth, precise response to operator demands.

- Exclusive, 2-speed, independent planetary driven front and/or rear wire rope drums are available. The 2-speed wire rope drums give wider work performance on specialized jobs. Speed of other machine functions is unaffected.
- Independent power load lowering clutches for front and rear wire rope drums for powering down light loads and controlled lowering of heavier loads.
- Independent, gear driven third wire rope drum is available.
- Removable crawler side frames are available on large size crawler cranes for fast removal or assembly of side frames.

A wide choice of models is available; from the LS-68 15 ton (13.51 metric ton) capacity (made in Mexico and Italy) to the large size LS-918 with a capacity of 400 ton (362.80 metric ton). All models are designed for dragline/clamshell operation as well as lift crane applications.

The Link-Belt wire rope crawler cranes/excavators have distinguished themselves throughout the world for dependability, production and long service life.



**LS-98**

27 ton (24.49 metric ton)  
10—77  
100' (30.48 m)/  
80' + 40'  
(24.38 + 12.19 m)  
60' (18.29 m)  
11,800 lbs. (5 352 kg)  
13,600 lbs. (6 168 kg)  
15' 0" (4.57 m)  
61,160 lbs. (27 742 kg)



**LS-98PL**

30 ton (27.21 metric ton)  
10—79  
60' (18.29 m)  
60' (18.29 m)  
11,800 lbs. (5 352 kg)  
13,600 lbs. (6 168 kg)  
15' 7" (4.75 m)  
73,015 lbs. (33 120 kg)



**LS-98A**

40 ton (36.28 metric ton)  
10—103  
100' (30.48 m)/  
90' + 40'  
(27.43 + 12.19 m)  
60' (18.29 m)  
11,800 lbs. (5 352 kg)  
13,600 lbs. (6 168 kg)  
15' 1" (4.60 m)  
66,285 lbs. (30 067 kg)



**LS-108B**

45 ton (40.82 metric ton)  
10—132  
130' (39.62 m)/  
110' + 40'  
(33.53 + 12.19 m)  
60' (18.29 m)  
11,800 lbs. (5 352 kg)  
13,600 lbs. (6 168 kg)  
15' 0" (4.57 m)  
84,630 lbs. (38 388 kg)



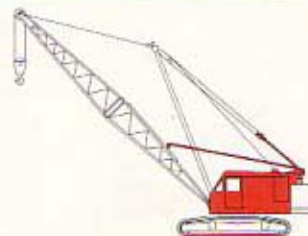
**LS-338**

100 ton (90.7 metric ton)  
12—412  
200' (60.96 m)/  
180' + 60'  
(54.86 + 18.28 m)  
90' (27.43 m)  
17,300 lbs. (7 847 kg)  
20,200 lbs. (9 163 kg)  
20' 0" (6.10 m)  
168,042 lbs. (76 224 kg)



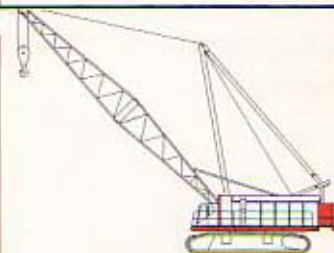
**LS-418A**

110 ton (99.77 metric ton)  
13—532  
230' (70.10 m)/  
200' + 60'  
(60.96 + 18.29 m)  
100' (30.48 m)  
19,000 lbs. (8 618 kg)  
22,500 lbs. (10 206 kg)  
22' 4" (6.81 m)  
202,855 lbs. (92 015 kg)



**LS-518**

150 ton (136.05 metric ton)  
14—773  
290' (88.39 m)/  
250' + 70'  
(76.20 + 21.34 m)  
90' (27.43 m)  
19,000 lbs. (8 618 kg)  
22,500 lbs. (10 206 kg)  
24' 4" (7.42 m)  
258,525 lbs. (117 267 kg)






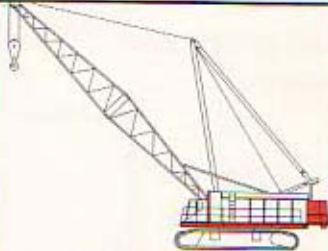


**LS-718**

250 ton (226.75 metric ton)  
17—1494  
360' (109.73 m)/  
350' + 100'  
(106.68 + 30.48 m)  
130' (39.62 m)  
27,000 lbs. (12 247 kg)  
31,500 lbs. (14 288 kg)  
29' 11" (9.12 m)  
403,735 lbs. (183 134 kg)



A wide choice of models is available; from the LS-68 15 ton (13.51 metric ton) capacity (made in Mexico and Italy) to the large size LS-918 with a capacity of 400 ton (362.80 metric ton). All models are designed for dragline/clamshell operation as well as lift crane applications.

The Link-Belt wire rope crawler cranes/excavators have distinguished themselves throughout the world for dependability, production and long service life.

	<b>LS-108B</b>		<b>LS-108C</b> (Manufactured in Italy only)		<b>LS-118</b>
3 metric ton)	45 ton (40.82 metric ton)	52 ton (47 metric ton)	60 ton (54.42 metric ton)		
m)/	10—132			10—232	
19 m)	130' (39.62 m)/	150' (45.72 m)/		160' (48.77 m)/	
)	110' + 40'	130' + 40'		160' + 40'	
5 352 kg)	(33.53 + 12.19 m)	(39.62 + 12.19 m)		(48.77 + 12.19 m)	
5 168 kg)	60' (18.29 m)	60' (18.29 m)		60' (18.29 m)	
m)	11,800 lbs. (5 352 kg)	11,800 lbs. (5 352 kg)		11,800 lbs. (5 352 kg)	
30 067 kg)	13,600 lbs. (6 168 kg)	13,600 lbs. (6 168 kg)		13,600 lbs. (6 168 kg)	
	15' 0" (4.57 m)	15' 6" (4.74 m)		17' 0" (5.18 m)	
	84,630 lbs. (38 388 kg)	95,282 lbs. (43 220 kg)		120,645 lbs. (54 725 kg)	
	<b>LS-718</b>		<b>LS-718 Tower</b>		<b>LS-718 Heavy Lift</b>
05 metric ton)	250 ton (226.75 metric ton)	50 ton (45.35 metric ton)	360 ton (326.52 metric ton)	400 ton (362.80 metric ton)	
n)/	17—1494	—	—	20—3020	
34 m)	360' (109.73 m)/	250' (76.20 m) boom	370' (112.78 m)/	340' (103.63 m)/	
1 618 kg)	350' + 100'	200' (60.96 m) tower	340' + 120'	300' + 100'	
0 206 kg)	(106.68 + 30.48 m)	100' (30.48 m) jib	(103.63 + 36.58 m)	(91.44 + 30.48 m)	
n)	130' (39.62 m)	—	—	160' (48.77 m)	
117 267 kg)	27,000 lbs. (12 247 kg)	—	—	—	
	31,500 lbs. (14 288 kg)	—	—	42,000 lbs. (19 051 kg)	
	29' 11" (9.12 m)	29' 11" (9.12 m)	45' (13.72 m) <sup>1</sup>	35' (10.67 m)	
	403,735 lbs. (183 134 kg)	429,000 lbs. (194 594 kg)	1,055,230 lbs. (478 652 kg)	619,000 lbs. (280 778 kg)	

<sup>1</sup>Figure represents diameter of circular roller path, actual length of LS-718 crawler is 29' 11" (9.12 m)



Consult the charts below to determine which mountings and attachments are available with a particular capacity machine.

Many of the outstanding features noted on the crawler cranes/excavators are also designed into the truck and self-propelled cranes. These include:

- The extremely versatile, exclusive Full-Function gear train design.

- Speed-o-Matic® power hydraulic control system.
- 2-speed independent planetary front and/or rear drum.
- Independent power load lowering clutches for the wire rope drums.

In addition, all machines are designed for fast stripdown to reduce axle loadings for traveling from job-to-job. The larger size models (HC-138A through HC-258) offer hydraulic counterweight removal, hydraulic boomfoot pin removal, and hydraulic outrigger box pin removal.

For added on-the-job versatility, the larger size machines also have a front center jack available to allow "over-the-side" lift capacities to be handled throughout the 360° swing.

All of these features have made Link-Belt truck and self-propelled cranes the Number 1 choice of many leading contractors.



**HC-138A**



**HC-218A**



**HC-238A**



**HC-258**

75 ton (68.02 metric ton)

200' (60.96 m)

190' + 50'  
(57.91 + 15.24 m)

347 fpm @ 10,000 lbs.<sup>2</sup>  
(105.77 m/min @ 4 536 kg)

20,000 lbs. (9 072 kg)

69,940 lbs. (31 724 kg)<sup>3</sup>

11' 7" (3.53 m)

11' 0" (3.35 m)

100 ton (90.70 metric ton)

230' (70.10 m)

210' + 60'  
(64.01 + 18.29 m)

357 fpm @ 10,000 lbs.<sup>2</sup>  
(108.81 m/min @ 4 536 kg)

21,000 lbs. (9 226 kg)

80,090 lbs. (36 329 kg)<sup>3</sup>

11' 7" (3.53 m)

11' 0" (3.35 m)

140 ton (126.98 metric ton)

230' (70.10 m)

230' + 70'  
(70.10 + 21.34 m)

386 fpm @ 10,000 lbs.<sup>2</sup>  
(117.65 m/min @ 4 536 kg)

26,000 lbs. (11 794 kg)

102,200 lbs. (46 358 kg)<sup>3</sup>

12' 3" (3.73 m)

11' 10" (3.61 m)

200 ton (181.40 metric ton)

310' (94.49 m)

300' + 70'  
(91.44 + 21.34 m)

540 fpm @ 10,000 lbs.<sup>2</sup>  
(164.59 m/min @ 4 536 kg)

37,500 lbs. (17 010 kg)

165,350 lbs. (75 003 kg)<sup>3</sup>

12' 9" (3.90 m)

11' 10" (3.61 m)

## Special applications



**UC-108B** w/elevated boomfoot



**HC-138A** w/elevated boomfoot



**HC-108B** Tower

Capacity

45 ton (40.82 metric ton)

75 ton (68.02 metric ton)

17.5 ton (15.87 metric ton)

Maximum boom

100' (30.48 m)

100' (30.48 m)

100' (30.48 m)

Maximum boom/jib

—

—

110' (35.53 m) tower +  
100' (30.48 m) boom

Line speed @ line pull

447 fpm @ 5,000 lbs.<sup>1</sup>  
(136.25 m/min. @ 2 268 kg)

347 fpm @ 10,000 lbs.<sup>2</sup>  
(104.85 m/min. @ 4 536 kg)

447 fpm @ 5,000 lbs.<sup>1</sup>  
(136.25 m/min. @ 2 268 kg)

Maximum line pull

23,000 lbs. (10 433 kg)

20,000 lbs. (9 072 kg)

23,000 lbs. (10 433 kg)

**9** Overall width

11' 1" (3.38 m)

11' 0" (3.35 m)

9' 0" (2.74 m)

<sup>1</sup> Standard speed. <sup>2</sup> With optional two-speed planetary. <sup>3</sup> With boom, all counterweight, outriggers removed; with boomhoist rope, front drum rope, boom live mast and backstops in place.



## Link-Belt® wire rope tower/gantry cranes

The Link-Belt tower/gantry crane may be mounted on a tower, bogie or gantry. The tower/gantry crane is situated above the on-the-ground congestion for a clear 360° swing area. For operator visibility, the cab is mounted forward of the crane machinery.



The crane offers long reach, increased lifting capacity capabilities at both minimum and extended radii, high hoist line pull, and infinitely variable 3-speed load raising/lowering for greater crane production.

FMC has designed a unique patented procedure which allows a tower mounted machine to assemble and transfer itself to a bogie mounting. In addition, a climber attachment for increasing the tower height is available. These procedures can be accomplished without the use of an auxiliary crane.

### Tower/gantry cranes



**TG-1500**



**TG-1900**



**TG-2300B**

Capacity @ 100'  
(30.48 m) radius  
Maximum free standing tower  
Cable capacity of main drum  
Main drum  
(line pull @ line speed)  
Low speed  
Medium speed  
High speed

26 ton  
(23.58 metric ton)  
160' (48.77 m)  
1,455' (443.48 m)

37,000 lbs. (16 783 kg)  
@ 191 fpm (58.22 m/min)  
14,700 lbs. (6 668 kg)  
@ 369 fpm (112.47 m/min)  
8,800 lbs. (3 992 kg)  
@ 675 fpm (205.74 m/min)

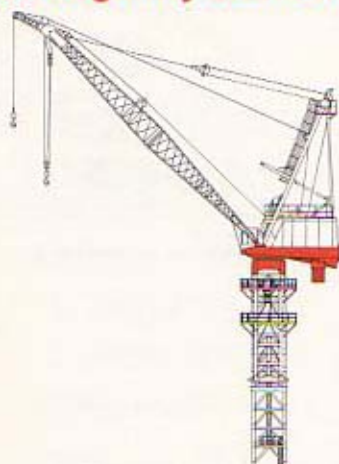
28 ton  
(25.40 metric ton)  
160' (48.77 m)  
1,233' (375.82 m)

58,000 lbs. (26 309 kg)  
@ 152 fpm (46.33 m/min)  
35,900 lbs. (16 284 kg)  
@ 234 fpm (71.32 m/min)  
13,900 lbs. (6 305 kg)  
@ 532 fpm (162.15 m/min)

40 ton  
(36.28 metric ton)  
160' (48.77 m)  
2,142' (652.88 m)

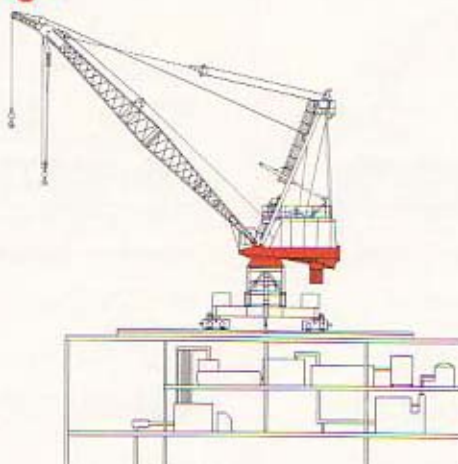
58,000 lbs. (26 309 kg)  
@ 152 fpm (46.33 m/min)  
32,500 lbs. (14 742 kg)  
@ 234 fpm (71.32 m/min)  
12,500 lbs. (5 670 kg)  
@ 521 fpm (158.80 m/min)

### Tower/gantry crane mountings



#### Tower mounting

The Link-Belt tower-mounted crane can be mounted on a free-standing tower of up to 160' (48.77 m), or up to 750' (228.60 m) tower height with proper tie-in supports. A climber attachment is available to increase tower height on the job.



#### Bogie mounting

The Link-Belt bogie-mounted tower crane is designed to "travel on-top-of-the-job" for greater work area and visibility. Rail/wheel gauge is adjustable from 26' to 35' (7.92 m to 10.67 m).



#### Gantry mounting

The Link-Belt gantry-mounted crane is designed for on-the-ground mobility. The boomfoot is 85' (25.91 m) above the ground. Rail/wheel gauge is 36 feet (10.97 m). Gantry is equipped with a 20' x 20' (6.10 x 6.10 m) portal opening.

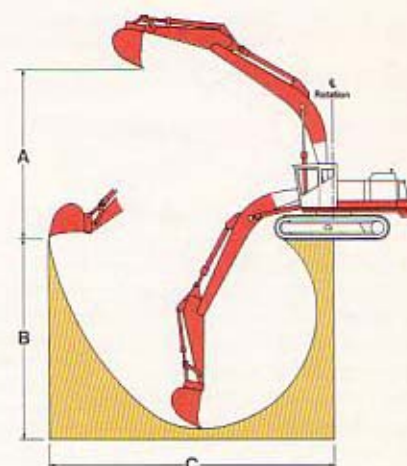


A modular, humanized operator's cab with arm chair controls allows for operator comfort, minimizing fatigue.

The Link-Belt hydraulic crawler excavators are designed and engineered in the FMC tradition for quality and dependability. Backing this up is FMC's exclusive warranty program. The entire machine carries a full 12-month or 1500-hour warranty on all parts and labor, the hydraulic pumps and motors are warranted 36 months (pro-rated), and the attachment hydraulic cylinders are warranted 24 months (pro-rated).

The Link-Belt excavators combine the most wanted and desired features to give maximum performance for every digging condition.

- Hydraulic circuitry incorporating high pressure piston-type pumps.
- Independent swing system.
- Heavy-duty excavator track systems.
- Modular operator's cab with arm chair controls.
- Exclusive warranty program.



**LS-5400**

84,000 lbs. (38,102 kg)  
208 hp (155 kW)  
@ 2100 rpm  
16' 5" (5.00 m)  
8' 10" (2.69 m)  
5.12 rpm  
2.20 mph (3.54 km/h)  
21' 7" (6.58 m)  
25' 3" (7.69 m)  
38' 4" (11.68 m)



**LS-5800**

94,000 lbs. (42,638 kg)  
260 hp (194 kW)  
@ 2100 rpm  
16' 5" (5.00 m)  
8' 10" (2.69 m)  
3.97 rpm  
2.20 (3.54 km/h)  
23' 7" (7.19 m)  
27' 5" (8.36 m)  
40' 8" (12.40 m)



**LS-6400**

138,000 lbs. (62,596 kg)  
380 hp (283 kW)  
@ 2100 rpm  
18' 0" (5.49 m)  
10' 8" (3.25 m)  
5.25 rpm  
2.11 mph (3.39 km/h)  
25' 9" (7.84 m)  
32' 1" (9.77 m)  
47' 0" (14.32 m)



**LS-7400A**

170,000 lbs. (77,112 kg)  
456 hp (340 kW)  
@ 2100 rpm  
20' 3" (6.18 m)  
10' 6" (3.20 m)  
3.50 rpm  
1.90 mph (3.06 km/h)  
32' 4" (9.86 m)  
35' 6" (10.82 m)  
53' 4" (16.27 m)

## Logging-heeler



**LS-5800TL**

40,900 lbs. (18,552 kg)  
42' 6" (12.95 m)  
40' 0" (12.48 m)  
107,850 lbs. (48,919 kg)  
260 hp  
(194 kW)  
16' 5" (5.00 m)  
8' 10" (2.69 m)<sup>1</sup>  
3.97 rpm

## Logging-grapple



**LS-5800TL**

24,100 lbs. (10,932 kg)  
37' 6" (11.43 m)  
30' 0" (9.14 m)  
107,550 lbs. (48,783 kg)  
260 hp  
(194 kW)  
16' 5" (5.00 m)  
8' 10" (2.69 m)<sup>1</sup>  
3.97 rpm

## Scrap-magnet



**TC-5800SL**

45,300 lbs. (20,548 kg)  
53' 0" (16.15 m)  
48' 0" (14.63 m)  
67,657 lbs. (30,688 kg)  
200 hp (electric motor)  
(149 kW)  
—  
—  
3.97 rpm

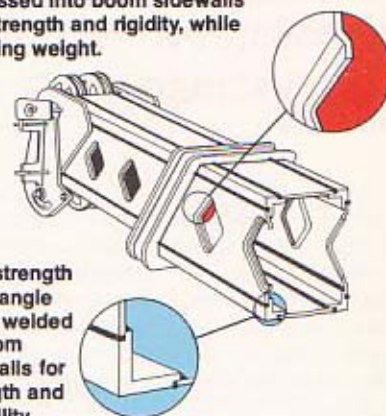




Link-Belt hydraulic truck cranes range in capacity from 14 to 50 tons (12.70 to 45.35 metric tons). The Link-Belt mounting is specifically manufactured for mobility and on-the-job durability. Its efficient design allows for a light machine weight yet provides the needed stability for heavy loads. The low-mounted winches and overall carrier design provide a low center of gravity resulting in greater lifting capacity and stability in both swing and travel modes.

The FMC heritage is quality through innovative engineering. This is proven daily on job sites around the world and positions Link-Belt hydraulic cranes as a leader in the industry and a well-known value in the resale market.

Diamond-shaped impressions embossed into boom sidewalls add strength and rigidity, while reducing weight.



High strength steel angle chord welded to boom sidewalls for strength and reliability.



**HSP-8020**

20 ton  
(18.14 metric ton)  
122' 0" (37.18 m)  
28' 9"—91' 0"  
(8.76 m—27.74 m)  
24' 0"/14' 6"  
(7.31 m/4.42 m)  
47,681 lbs. (21 628 kg)  
39' 7<sup>9</sup>/<sub>16</sub>" (12.08 m)  
10' 10<sup>1</sup>/<sub>8</sub>" (3.30 m)  
8' 0" (2.44 m)



**HSP-8022**

22 ton  
(20.00 metric ton)  
122' 0" (37.18 m)  
28' 9"—91' 0"  
(8.76 m—27.74 m)  
24' 0"/14' 6"  
(7.31 m/4.42 m)  
47,681 lbs. (21 628 kg)  
39' 7<sup>9</sup>/<sub>16</sub>" (12.08 m)  
10' 10<sup>1</sup>/<sub>8</sub>" (3.30 m)  
8' 0" (2.44 m)



**HSP-25**

25 ton  
(22.68 metric ton)  
121' 0" (36.88 m)  
28' 6"—70' 0"  
(8.69 m—21.34 m)  
25' 0"/20' 0"  
(7.62 m/6.10 m)  
48,283 lbs. (21 901 kg)  
37' 11<sup>3</sup>/<sub>8</sub>" (11.57 m)  
10' 11<sup>7</sup>/<sub>16</sub>" (3.34 m)  
8' 0" (2.44 m)



**HSP-8040**

40 ton  
(36.28 metric ton)  
176' 0" (53.64 m)  
35' 0"—110' 0"  
(10.67 m—33.53 m)  
33' 0"/25' 0"  
(10.06 m/7.62 m)  
70,612 lbs. (32 030 kg)  
46' 2<sup>1</sup>/<sub>8</sub>" (14.07 m)  
12' 1/4" (3.66 m)  
9' 7<sup>1</sup>/<sub>4</sub>" (2.93 m)



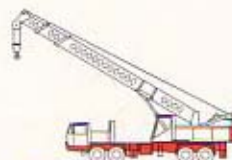
**HTC-1040**

40 ton  
(36.28 metric ton)  
173' 0" (52.73 m)  
35' 0"—110' 0"  
(10.67 m—33.53 m)  
33' 0"/25' 0"  
(10.06 m/7.62 m)  
70,800 lbs. (32 115 kg)  
45' 8<sup>7</sup>/<sub>8</sub>" (13.94 m)  
10' 9<sup>1</sup>/<sub>2</sub>" (3.29 m)  
10' 1<sup>1</sup>/<sub>2</sub>" (3.09 m)



**HTC-50**

50 ton  
(45.35 metric ton)  
189' 0" (57.61 m)  
37' 6"—120' 0"  
(11.43 m—36.58 m)  
34' 6"/30' 0"  
(10.52 m/9.14 m)  
67,470 lbs. (30 604 kg)  
47' 10" (14.58 m)  
10' 9<sup>1</sup>/<sub>8</sub>" (3.28 m)  
8' 0" (2.44 m)



**HTC-50W**

50 ton  
(45.35 metric ton)  
189' 0" (57.61 m)  
37' 6"—120' 0"  
(11.43 m—36.58 m)  
34' 6"/30' 0"  
(10.52 m/9.14 m)  
69,070 lbs. (31 330 kg)  
47' 10" (14.58 m)  
10' 9<sup>1</sup>/<sub>8</sub>" (3.28 m)  
9' 10" (2.99 m)