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, two-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.

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A wide choice of models is available; from the LS-98 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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity (Metric Ton)</th>
<th>Height (m)</th>
<th>Reach (m)</th>
<th>Lift (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS-98</td>
<td>27 (24.49)</td>
<td>10—77</td>
<td>100’ (30.48)</td>
<td>60’ (18.29)</td>
</tr>
<tr>
<td>LS-98PL</td>
<td>30 (27.21)</td>
<td>10—79</td>
<td>100’ (30.48)</td>
<td>60’ (18.29)</td>
</tr>
<tr>
<td>LS-98A</td>
<td>40 (36.28)</td>
<td>10—103</td>
<td>100’ (30.48)</td>
<td>90’ + 40’ (27.43 + 12.19)</td>
</tr>
<tr>
<td>LS-108B</td>
<td>45 (40.62)</td>
<td>10—132</td>
<td>130’ (39.62)</td>
<td>110’ + 40’ (33.53 + 12.19)</td>
</tr>
<tr>
<td>LS-338</td>
<td>100 (90.7)</td>
<td>12—412</td>
<td>200’ (60.96)</td>
<td>180’ + 60’ (54.66 + 18.29)</td>
</tr>
<tr>
<td>LS-418A</td>
<td>110 (99.77)</td>
<td>13—532</td>
<td>230’ (70.10)</td>
<td>200’ + 60’ (60.96 + 18.29)</td>
</tr>
<tr>
<td>LS-518</td>
<td>150 (136.05)</td>
<td>14—773</td>
<td>250’ (76.20)</td>
<td>250’ + 70’ (76.20 + 21.34)</td>
</tr>
<tr>
<td>LS-718</td>
<td>250 (226.75)</td>
<td>17—1494</td>
<td>350’ (106.68)</td>
<td>350’ + 100’ (106.68 + 30.48)</td>
</tr>
</tbody>
</table>
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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Boom Length</th>
<th>Jib Length</th>
<th>Boom Weight</th>
<th>Jib Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS-108B</td>
<td>45 ton (40.82 metric ton)</td>
<td>10—132'</td>
<td>130' (39.62 m)</td>
<td>13,600 lbs. (6168 kg)</td>
<td>84,630 lbs. (38388 kg)</td>
</tr>
<tr>
<td>LS-108C</td>
<td>52 ton (47 metric ton)</td>
<td>150' (45.72 m)</td>
<td>130' (39.62 m)</td>
<td>13,600 lbs. (6168 kg)</td>
<td>95,282 lbs. (43220 kg)</td>
</tr>
<tr>
<td>LS-118</td>
<td>60 ton (54.42 metric ton)</td>
<td>10—232'</td>
<td>160' (48.77 m)</td>
<td>13,600 lbs. (6168 kg)</td>
<td>120,645 lbs. (54725 kg)</td>
</tr>
<tr>
<td>LS-718</td>
<td>250 ton (226.75 metric ton)</td>
<td>250' (76.20 m)</td>
<td>100' (30.48 m)</td>
<td>27,000 lbs. (12247 kg)</td>
<td>31,500 lbs. (14286 kg)</td>
</tr>
<tr>
<td>LS-718 Tower</td>
<td>50 ton (45.35 metric ton)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>LS-718 Heavy Lift</td>
<td>360 ton (326.52 metric ton)</td>
<td>250' (76.20 m)</td>
<td>100' (30.48 m)</td>
<td>403,735 lbs. (183134 kg)</td>
<td>428,000 lbs. (194594 kg)</td>
</tr>
<tr>
<td>LS-918</td>
<td>400 ton (362.80 metric ton)</td>
<td>20—3020'</td>
<td>300' (91.44 m)</td>
<td>105,230 lbs. (476632 kg)</td>
<td>619,000 lbs. (280778 kg)</td>
</tr>
</tbody>
</table>

1 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.

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**HC-138A**

- 75 ton (68.02 metric ton)
- 200' (60.56 m)
- 190' + 50' (57.91 + 15.24 m)
- 347 FPM @ 10,000 lbs.² (105.77 m/min @ 4,536 kg)
- 20,000 lbs. (9,072 kg)
- 69,940 lbs. (31,724 kg)³
- 11' 7" (3.53 m)
- 11' 0" (3.35 m)

**HC-218A**

- 100 ton (90.70 metric ton)
- 230' (70.10 m)
- 210' + 60' (64.01 + 18.29 m)
- 367 FPM @ 10,000 lbs.² (108.81 m/min @ 4,536 kg)
- 21,000 lbs. (9,226 kg)
- 80,090 lbs. (36,329 kg)³
- 11' 7" (3.53 m)
- 11' 0" (3.35 m)

**HC-238A**

- 140 ton (126.98 metric ton)
- 230' (70.10 m)
- 230' + 70' (70.10 + 21.34 m)
- 366 FPM @ 10,000 lbs.² (117.65 m/min @ 4,536 kg)
- 26,000 lbs. (11,794 kg)
- 102,200 lbs. (46,358 kg)³
- 12' 3" (3.73 m)
- 11' 10" (3.61 m)

**HC-258**

- 200 ton (181.40 metric ton)
- 310' (94.49 m)
- 300' + 70' (91.44 + 21.34 m)
- 540 FPM @ 10,000 lbs.² (164.59 m/min @ 4,536 kg)
- 37,500 lbs. (17,010 kg)
- 165,350 lbs. (75,003 kg)³
- 12' 9" (3.90 m)
- 11' 10" (3.61 m)

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**Special applications**

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

- Capacity: 45 ton (40.82 metric ton)
- Maximum boom: 100' (30.48 m)
- Maximum boom/jib: —
- Line speed @ line pull: 447 FPM @ 5,000 lbs.¹ (136.25 m/min @ 2,268 kg)
- Maximum line pull: 23,000 lbs. (10,433 kg)
- Overall width: 11' 1" (3.38 m)

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

- Capacity: 75 ton (68.02 metric ton)
- Maximum boom: 100' (30.48 m)
- Maximum boom/jib: —
- Line speed @ line pull: 347 FPM @ 10,000 lbs.² (104.85 m/min @ 4,536 kg)
- Maximum line pull: 20,000 lbs. (9,072 kg)
- Overall width: 11' 0" (3.35 m)

**HC-108B** Tower

- Capacity: 17.5 ton (15.87 metric ton)
- Maximum boom: 100' (30.48 m)
- Maximum boom/jib: 110' (33.53 m) tower + 100' (30.48 m) boom
- Line speed @ line pull: 447 FPM @ 5,000 lbs.¹ (136.25 m/min @ 2,268 kg)
- Maximum line pull: 23,000 lbs. (10,433 kg)
- Overall width: 9' 0" (2.74 m)

¹ Standard speed. ² With optional two-speed planetary. ³ With boom, all counterweight, outriggers removed; with boomhoist rope, front drum rope, boom/livestop and backsops 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.

Tower/gantry cranes

<table>
<thead>
<tr>
<th>Crane</th>
<th>Capacity</th>
<th>Maximum free standing tower</th>
<th>Cable capacity of main drum</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>@ 100'</td>
<td>160' (48.77 m)</td>
<td>1.455' (443.48 m)</td>
</tr>
<tr>
<td>TG-1500</td>
<td>26 ton</td>
<td>26.58 metric ton</td>
<td>1.455' (443.48 m)</td>
</tr>
<tr>
<td>TG-1900</td>
<td>28 ton</td>
<td>25.40 metric ton</td>
<td>1.233' (375.62 m)</td>
</tr>
<tr>
<td>TG-2300B</td>
<td>40 ton</td>
<td>46.28 metric ton</td>
<td>2.142' (652.88 m)</td>
</tr>
</tbody>
</table>

Main drum (line pull @ line speed)

- **Low speed**
  - **TG-1500**: 37,000 lbs. (16,783 kg) @ 191 fpm (58.22 m/min)
  - **TG-1900**: 58,000 lbs. (26,309 kg) @ 152 fpm (46.33 m/min)
  - **TG-2300B**: 58,000 lbs. (26,309 kg) @ 132 fpm (46.33 m/min)

- **Medium speed**
  - **TG-1500**: 14,700 lbs. (6,698 kg) @ 369 fpm (112.47 m/min)
  - **TG-1900**: 35,900 lbs. (16,284 kg) @ 234 fpm (71.32 m/min)
  - **TG-2300B**: 32,500 lbs. (14,742 kg) @ 234 fpm (71.32 m/min)

- **High speed**
  - **TG-1500**: 8,800 lbs. (3,992 kg) @ 675 fpm (205.74 m/min)
  - **TG-1900**: 13,900 lbs. (6,305 kg) @ 532 fpm (162.15 m/min)
  - **TG-2300B**: 12,600 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 area and visibility. Railwheel gauge is adjustable from 20' to 30' (6.10 m to 9.14 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. Railwheel 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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Operating Weight (lbs)</th>
<th>Power (hp) @ rpm</th>
<th>Operating Reach (ft)</th>
<th>Operating Height (ft)</th>
<th>Swing Speed (mph)</th>
<th>Scooping Capacity (cu ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS-5400</td>
<td></td>
<td>84,000</td>
<td>208 (155 kW) @ 2100 rpm</td>
<td>16' 5&quot; (5.00 m)</td>
<td>8' 10&quot; (2.69 m)</td>
<td>2.20 (3.54 km/h)</td>
<td></td>
</tr>
<tr>
<td>LS-5800</td>
<td></td>
<td>94,000</td>
<td>260 (194 kW) @ 2100 rpm</td>
<td>16' 5&quot; (5.00 m)</td>
<td>8' 10&quot; (2.69 m)</td>
<td>3.97 rpm</td>
<td></td>
</tr>
<tr>
<td>LS-6400</td>
<td></td>
<td>138,000</td>
<td>390 (283 kW) @ 2100 rpm</td>
<td>18' 0&quot; (5.49 m)</td>
<td>10' 8&quot; (3.25 m)</td>
<td>5.25 rpm</td>
<td></td>
</tr>
<tr>
<td>LS-7400A</td>
<td></td>
<td>170,000</td>
<td>456 (340 kW) @ 2100 rpm</td>
<td>20' 3&quot; (6.18 m)</td>
<td>10' 6&quot; (3.20 m)</td>
<td>3.50 rpm</td>
<td></td>
</tr>
</tbody>
</table>

Logging-heeler

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Operating Weight (lbs)</th>
<th>Power (hp)</th>
<th>Operating Reach (ft)</th>
<th>Operating Height (ft)</th>
<th>Swing Speed (mph)</th>
<th>Scooping Capacity (cu ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS-5800TL</td>
<td></td>
<td>40,900</td>
<td>260 (194 kW)</td>
<td>16' 5&quot; (5.00 m)</td>
<td>8' 10&quot; (2.69 m)</td>
<td>3.97 rpm</td>
<td></td>
</tr>
</tbody>
</table>

Logging-grapple

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Operating Weight (lbs)</th>
<th>Power (hp)</th>
<th>Operating Reach (ft)</th>
<th>Operating Height (ft)</th>
<th>Swing Speed (mph)</th>
<th>Scooping Capacity (cu ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS-5800TL</td>
<td></td>
<td>24,100</td>
<td>260 (194 kW)</td>
<td>16' 5&quot; (5.00 m)</td>
<td>8' 10&quot; (2.69 m)</td>
<td>3.97 rpm</td>
<td></td>
</tr>
</tbody>
</table>

Scrap-magnet

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Operating Weight (lbs)</th>
<th>Power (hp)</th>
<th>Operating Reach (ft)</th>
<th>Operating Height (ft)</th>
<th>Swing Speed (mph)</th>
<th>Scooping Capacity (cu ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TC-5800SL</td>
<td></td>
<td>45,300</td>
<td>200 (electric motor) (149 kW)</td>
<td>53' 0&quot; (16.15 m)</td>
<td>48' 0&quot; (14.63 m)</td>
<td>3.97 rpm</td>
<td></td>
</tr>
</tbody>
</table>
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.

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>Height</th>
<th>Reach</th>
<th>Payload</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HSP-8020</strong></td>
<td>20 ton</td>
<td>122' 0&quot; (37.18 m)</td>
<td>28' 9&quot;—91' 0&quot; (8.76 m—27.74 m)</td>
<td>47,691 lbs. (21,628 kg)</td>
</tr>
<tr>
<td><strong>HSP-8022</strong></td>
<td>22 ton</td>
<td>122' 0&quot; (37.18 m)</td>
<td>28' 9&quot;—91' 0&quot; (8.76 m—27.74 m)</td>
<td>47,681 lbs. (21,628 kg)</td>
</tr>
<tr>
<td><strong>HSP-25</strong></td>
<td>25 ton</td>
<td>121' 0&quot; (36.88 m)</td>
<td>28' 6&quot;—70' 0&quot; (8.69 m—21.34 m)</td>
<td>48,283 lbs. (21,901 kg)</td>
</tr>
<tr>
<td><strong>HSP-8040</strong></td>
<td>40 ton</td>
<td>176' 0&quot; (53.64 m)</td>
<td>35' 0&quot;—110' 0&quot; (10.67 m—33.53 m)</td>
<td>70,612 lbs. (32,030 kg)</td>
</tr>
<tr>
<td><strong>HTC-1040</strong></td>
<td>40 ton</td>
<td>173' 0&quot; (52.73 m)</td>
<td>35' 0&quot;—110' 0&quot; (10.67 m—33.53 m)</td>
<td>70,600 lbs. (32,115 kg)</td>
</tr>
<tr>
<td><strong>HTC-50</strong></td>
<td>50 ton</td>
<td>189' 0&quot; (57.61 m)</td>
<td>37' 8&quot;—120' 0&quot; (11.43 m—36.58 m)</td>
<td>45' 8¾&quot; (13.94 m)</td>
</tr>
<tr>
<td><strong>HTC-50W</strong></td>
<td>50 ton</td>
<td>189' 0&quot; (57.61 m)</td>
<td>37' 8&quot;—120' 0&quot; (11.43 m—36.58 m)</td>
<td>45' 8¾&quot; (13.94 m)</td>
</tr>
</tbody>
</table>