For more than a half-century, the Little Giant Corporation has been a name synonymous with the railroad industry in producing hydraulic track cranes, rail dedicated cranes, truck mounted cranes and rough terrain material handlers. Little Giant cranes are working every day in every corner of the world and are known for their ease of maintenance and cost-effective design.

ON & OFF THE ROAD OR RAIL – REACHING NEW HEIGHTS AND WORKING HARDER THAN EVER.
### C-64 CRAWLER LOAD CHART

<table>
<thead>
<tr>
<th>Booms</th>
<th>Over Side LBS.</th>
<th>Over End LBS.</th>
<th>Peak Height FT.</th>
<th>Radius FT.</th>
<th>Angle °</th>
</tr>
</thead>
<tbody>
<tr>
<td>35°</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>60</td>
<td>34.3</td>
<td>38.000</td>
<td>38.000</td>
<td>60.0</td>
<td>34.3</td>
</tr>
<tr>
<td>45</td>
<td>50.0</td>
<td>50.000</td>
<td>50.000</td>
<td>50.0</td>
<td>50.0</td>
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<tr>
<td>55</td>
<td>75.0</td>
<td>75.000</td>
<td>75.000</td>
<td>55.0</td>
<td>75.0</td>
</tr>
<tr>
<td>65</td>
<td>100.0</td>
<td>100.000</td>
<td>100.000</td>
<td>65.0</td>
<td>100.0</td>
</tr>
</tbody>
</table>

**MAX. HOOK LOADS ( tons )**

<table>
<thead>
<tr>
<th>Parts of Line</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Hook Load</td>
<td>10,000</td>
<td>20,000</td>
<td>30,000</td>
<td>40,000</td>
<td>50,000</td>
<td>50,000</td>
</tr>
</tbody>
</table>

**RECOMMENDATIONS:**

5/8" - 6 x 19 Class - 6 x 25 FW, PRF, RRL, XIP, IWRC Wire Rope

**NOTE:**

*These lines determine the limiting position of any load for operation within indicated working areas.*

**CAUTION:**

IN WIND OVER 30 MPH CEASE OPERATION. POSITION BOOM AWAY FROM THE WIND AND LOWER BOOM BELOW 65° IN WIND OVER 50 MPH, LOWER BOOM TO GROUND, OR, SECURE IN POSITION.

1. All operators and support personnel shall read and fully understand manufacturer furnished operator’s manual, latest applicable American National Standards Institute (ANSI) Safety Standards for Cranes, and any applicable federal, state, or local safety regulations before operating machine. Crane and load ratings comply with ANSI and Power Crane & Shovel Association (PCSA) Standards.

2. High gantry must be fully raised and pinned in position when lifting. Pin gantry in lowered position for travel only.

3. All ratings where shaded text appears are based on structural strength of machine. All other ratings do not exceed 75% of tipping load with machine on firm ground.

4. **DO NOT EXCEED** crane load ratings. When load radius or boom angle are between listed values, use the smaller load rating.

5. **DO NOT ATTEMPT TO TIP MACHINE TO DETERMINE ALLOWABLE LOADS.**

6. Reduce ratings appropriately for wind conditions, speed of operation, soft or uneven supporting surfaces, etc.

7. Load ratings apply to this machine only as originally manufactured and equipped. Unauthorized modification or optional equipment may reduce load capacity. Please consult Little Giant BEFORE modification or use of optional equipment not covered in this chart.

8. Lifting over drive sprocket end of undercarriage may damage machine and is not recommended.

9. These load ratings are for lift service only. Consult and adhere to appropriate load ratings chart for other applications (clamshell, dragline, magnet, etc.).

All specifications are subject to change.

**25 TON DOUBLE SHEAVE HOOK BLOCK = 366 Lbs.**

**25 TON TRIPLE SHEAVE HOOK BLOCK = 459 Lbs.**
1. Refer to main load chart for additional information.

2. Dragline rating is based on the lesser of 100% of the crane load or 70% of hoist line pull.

3. Clamshell rating is based on the lesser of 90% of crane rated load or 70% of hoist line pull.

4. Weight of the bucket and its contents vary and must be determined by the operator.

### C-64 DRAGLINE & CLAMSHELL LOAD RATINGS – 1 Cubic Yard Bucket Capacity

<table>
<thead>
<tr>
<th>BOOM LENGTH</th>
<th>RADIUS</th>
<th>ANGLE</th>
<th>DRAGLINE CAPACITY (LBS.)</th>
<th>CLAMSHHELL CAPACITY (LBS.)</th>
<th>DUMP HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>FT.</td>
<td>FT.</td>
<td>FT.</td>
<td>Over End</td>
<td>Over Side</td>
<td>FT.</td>
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<tr>
<td>30</td>
<td>10</td>
<td>75</td>
<td>9,100</td>
<td>9,100</td>
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<td>15</td>
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<td>20</td>
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<td>15</td>
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<td>4,300</td>
<td>3,000</td>
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</table>

Dump height is an approximate height based on boom point height (from main rating chart) minus the bucket lifted length. This information varies with bucket used. Dump height in this chart is based on:

**Dragline Bucket**
- Lifted length of 14’
- Clamshell Bucket lifted length of 11’

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**Legend:**
- Over End = Over End
- Over Side = Over Side
- Dump Height = Dump Height
- Boom Angle = Boom Angle
- Boom Radius = Boom Radius
- Dig Reach = Dig Reach
- Maximum Dig Depth = Maximum Dig Depth
- Lifted Length = Lifted Length
- Boom Tip Height = Boom Tip Height
- Dump Height = Dump Height

**Contact Information:**
- 217 Patneaude Drive
  Winona, Minnesota 55987
- Phone: (507) 454-1563
- Fax: (507) 453-6441
- www.littlegiantcorp.com

**Made in the USA**
Little Giant’s C-64 Crawler is a specialized crane featuring a 25-ton capacity.

A deluxe cab with optional air conditioning, heavy-duty tracked lower chassis for exceptional traction around shorelines, easy-to-use controls, and many available options for magnet work, lifting, and dredging. With our standard free fall winch you can pile drive just like the big guys!

### BASE SPECIFICATIONS

- **ENGINE**
  - Cummins QSB-4.5-Tier 3
  - Cummins 160 HP (119kw) @ 2,200 RPM
  - 460 lb/ft. torque (624Nm) @ 1,500 RPM

- **ELECTRICAL**
  - 12 Volt with 100 Amp Alternator, Heavy Duty Battery

- **THROTTLE**
  - Variable Speed Hand - Optional Foot Throttle

- **MASTER CLUTCH**
  - Disconnect Clutch for Cold Weather Starting

- **TURNTABLE**
  - Ball Bearing, Single Row, Bolted to Upper Structure and Carrier for Easy Removal

- **CONTROLS**
  - Air, Variable Control, Adjustable for Self-Centering or Lock-In Operation

- **DRUM CLUTCHES**
  - Two Shoe, Internal Expanding, Air Operated, 21-3/4" Dia. x 3-1/2" Wide

- **DRUM BRAKES**
  - External Contracting, Band Type, 25" Dia. x 4" Wide

- **POWER LOAD LOWERING**
  - Both Drums

- **BOOM HOIST**
  - Power Up, Power Down, Independent of ALL Other Functions

- **GANTRY**
  - Folding High Gantry

- **SWING SPEED**
  - 5 RPM

- **LINE SPEED**
  - 198 FPM

- **LINE PULL**
  - 13,000 lbs. with 12" Drum

- **WORKING WEIGHT as a DRAGLINE w/30" TRACK**
  - Less Bucket: 54,500 lbs.
  - Ground Pressure: 5.56 PSI

- **TRAVEL DRIVE**
  - Final Drive Assembly is a Totally Enclosed Gear Case with Integral Hydraulic Motor

- **LOWER ROLLERS**
  - 6.6" Dia./9 per side, Lifetime Lubricated

- **UPPER CHAIN SUPPORT**
  - Wear Plate

- **TRAVEL**
  - Independently Controlled Hydraulic Pumps & Motors

- **TRAVEL SPEED**
  - Variable Speed - 0 to 1.5 MPH

- **TRACK FRAME**
  - Reinforced, Standard C Channel, High Strength

- **STEERING**
  - Counter-Rotating Track

- **DIGGING BRAKES**
  - Multi-Wet Disc

- **LOWER TRAVEL GEARS**
  - Multi-Stage Planetary Gear Reduction

- **TRACK**
  - Tractor Type, Sealed, Hydraulic Adjustment, Low Profile

- **DRIVE SPROCKET**
  - Tractor Type, Hunting Tooth Design

- **FRONT IDLERS**
  - Tractor Type, Lifetime Lubricated, Track Tension and Adjusting Devices

- **TRACTIVE EFFORT**
  - 50,000 lbs.

### UPPER SPECIFICATIONS

- **ENGINE**
  - Cummins QSB-4.5-Tier 3
  - Cummins 160 HP (119kw) @ 2,200 RPM
  - 460 lb/ft. torque (624Nm) @ 1,500 RPM

- **ELECTRICAL**
  - 12 Volt with 100 Amp Alternator, Heavy Duty Battery

- **THROTTLE**
  - Variable Speed Hand - Optional Foot Throttle

- **MASTER CLUTCH**
  - Disconnect Clutch for Cold Weather Starting

- **TURNTABLE**
  - Ball Bearing, Single Row, Bolted to Upper Structure and Carrier for Easy Removal

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- **DRUM BRAKES**
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  - Wear Plate

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  - Tractor Type, Hunting Tooth Design

- **FRONT IDLERS**
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- **TRACTIVE EFFORT**
  - 50,000 lbs.

---

All specifications are subject to change.
C-64 Crawler 25 Ton

GENERAL DIMENSIONS

<table>
<thead>
<tr>
<th>Description</th>
<th>U.S.</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Overall Length with 30' Boom</td>
<td>44' 0”</td>
<td>13.41m</td>
</tr>
<tr>
<td>B Maximum Height Above Grade</td>
<td>11' 4”</td>
<td>3.45m</td>
</tr>
<tr>
<td>C Minimum Ground Clearance</td>
<td>2’ 1”</td>
<td>0.63m</td>
</tr>
<tr>
<td>D Maximum Swing Clearance</td>
<td>10’ 10”</td>
<td>3.30m</td>
</tr>
<tr>
<td>E Boom Foot Pin to Center of Rotation</td>
<td>2’ 3-1/2”</td>
<td>0.70m</td>
</tr>
<tr>
<td>F Sprocket Center to Idler Center, Std.</td>
<td>12’ 6”</td>
<td>3.76m</td>
</tr>
<tr>
<td>G Overall Track Length, Std.</td>
<td>15’ 8”</td>
<td>4.78m</td>
</tr>
<tr>
<td>H Overall Width w/30” Track Shoes</td>
<td>11’ 0”</td>
<td>3.35m</td>
</tr>
<tr>
<td>I Weight</td>
<td>52,000lbs.</td>
<td>4.78m</td>
</tr>
</tbody>
</table>

OPTIONS FOR MODEL C-64 CRAWLER

Model C64 Crawler 25-Ton Crane with 160HP Cummins QSB-4.5-Tier 3

- 5’ Boom Extension with Pendent Cables
- 10’ Boom Extension with Pendent Cables
- 20’ Boom Extension with Pendent Cables
- Full Revolving Fairlead
- Boom Tip Fairlead
- LSI Load Moment System
- A-2-B Load Moment System
- Drum Rotation Indicators (both drums)
- Anti-Vandal Kit
- 10 Ton Hook Block
- 25 Ton Hook Block
- 3rd Drum Winch (hydraulic drive)
- Air Conditioner - Upper Cab
- Tagline - Single Barrel
- Electro-magnet 10KW Generator w/tagline and Controls
- 40’ Magnet
- 1/2 Yard Dragline Bucket
- 5/8 Yard Dragline Bucket
- 1 Yard Dragline Bucket

NOTE: For clamshell and dragline applications you will need to order a revolving fairlead, boom tip fairlead, and a tagline.