Features

- 8,1 t (9 USt) capacity
- 10,12 m (33.2 ft) three-section full-power boom
- 6,4 t (7 USt) deck carrying ability
- Load sensing hydraulic proportional joystick controls
- Dual fuel and diesel engine options available
- Exclusive pivoting boom nose
The new SCD09 is an 8.1 t (9 USt) capacity carrydeck crane, offering a three-section 10.12 m (33.2 ft) boom, two-wheel drive / four-wheel steer capability. It also has three-position pivoting boom head for low head room clearance and out and down outriggers that can be set up in multiple configurations depending on the jobsite requirements.

Features

- **Outriggers**
  The SCD09 outriggers are two-position (0% and 100%) beam/jack style with integral steel outrigger pads. Equipped with independent outrigger controls.

- **Operator cab**
  Simple operator cab features hydraulic joystick controls, easy-to-set up graphic RCL system, common automotive dash panel with gauges, indicator lights and rocker switches. Fully adjustable seat and tilting steering wheel are standard features. The optional enclosed cab with split door design for additional comfort.

- **Steering**
  The SCD09 comes standard with three steering modes: Front (two-wheel), four-wheel coordinated, and four-wheel crab steer with electronic self-alignment. Operators can choose between modes using a three-position rocker switch located on dash panel.

- **Options**
  - Convenience package includes pintle hitches and light grilles
  - Lighting package includes amber strobe light and boom-mounted work lights
  - Below-deck winch
  - Air-conditioning

- **Customized Lift Solution Options**
  Standard options may not always meet the job requirements. Consult your local dealer for a Lift Solution quote for customized options, such as:
  - Non-marking tires
  - Oil cooler
  - Barge charts
  - External light bar
  - Spark arrestor
SCD09 benefits

User friendly powershift transmission. Simplifies switching between gears.

Designed with the request for storage in mind. The hook block and downhaul weight can be stowed in the front deck storage compartment. A small compartment to the side of the machine is ideal for tie down straps.

The compact SCD09 offers two position outriggers. This feature is ideal for those confined workspaces such as narrow aisleways.

The dual fuel engine is ideal for indoor use and single fuel sourcing for mixed fleets of cranes and other equipment on the jobsite. Optional EPA Tier 4 Final emissions compliant without the use of a SCR or UREA injected DEF system. No Diesel Exhaust Fluid (DEF) required.

Manitowoc Crane Care when you need it. The assurance of the world’s most advanced crane service and support to get you back to work fast.

Manitowoc Finance helps you get right to work generating profits for your business. Financial tools that help you capitalize on opportunity with solutions that fit your needs.
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### Dimensions and weights

#### Dimensions

<table>
<thead>
<tr>
<th>Tire size</th>
<th>A (mm)</th>
<th>B (mm)</th>
<th>C (mm)</th>
<th>D (mm)</th>
<th>E (mm)</th>
<th>A (in)</th>
<th>B (in)</th>
<th>C (in)</th>
<th>D (in)</th>
<th>E (in)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/16</td>
<td>6498</td>
<td>5552</td>
<td>5191</td>
<td>5050</td>
<td>3589</td>
<td>4646</td>
<td>3648</td>
<td>3363</td>
<td>3180</td>
<td>1679</td>
</tr>
<tr>
<td></td>
<td>(255.8 in)</td>
<td>(218.6 in)</td>
<td>(204.4 in)</td>
<td>(198.8 in)</td>
<td>(141.3 in)</td>
<td>(182.9 in)</td>
<td>(143.6 in)</td>
<td>(132.4 in)</td>
<td>(125.2 in)</td>
<td>(66.1 in)</td>
</tr>
</tbody>
</table>

#### Inside Turning Radius
- A
- Boom Clearance
- B: Carrier Clearance
- C: Curb Clearance

#### Outside Turning Radius
- D

#### Inside Turning Radius
- E

Dimensions are with the boom horizontal and the anti-block bottomed.

**Shuttlelift SCD09 | Page 5**
Dimensions and weights

Dimensions are with the boom horizontal and the anti-two block bottomed.

<table>
<thead>
<tr>
<th>Weights</th>
<th>G/VW</th>
<th>Front</th>
<th>Rear</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Basic machine:</strong> Including 10.12 m (33.2 ft) main boom, main hoist with 36.6 m (120 ft) of wire rope, 11.3 t (12.5 USt) hook block, full counterweight, dual fuel engine and driver.</td>
<td>kg</td>
<td>lb</td>
<td>kg</td>
</tr>
<tr>
<td></td>
<td>7790</td>
<td>17,174</td>
<td>3871</td>
</tr>
<tr>
<td><strong>Add:</strong> 3.66 m (12 ft) fixed swingaway extension and extension carrier brackets and downhaul weight</td>
<td>221</td>
<td>487</td>
<td>310</td>
</tr>
<tr>
<td><strong>Crane weight</strong></td>
<td>8011</td>
<td>17,661</td>
<td>4181</td>
</tr>
<tr>
<td><strong>Basic machine:</strong> Including 10.12 m (33.2 ft) main boom, main hoist with 36.6 m (120 ft) of wire rope, 11.3 t (12.5 USt) hook block, full counterweight, dual fuel engine and driver.</td>
<td>kg</td>
<td>lb</td>
<td>kg</td>
</tr>
<tr>
<td></td>
<td>7790</td>
<td>17,174</td>
<td>3871</td>
</tr>
<tr>
<td><strong>Add:</strong> Enclosed cab, heater and glass</td>
<td>92</td>
<td>203</td>
<td>43</td>
</tr>
<tr>
<td><strong>Crane weight</strong></td>
<td>7882</td>
<td>17,377</td>
<td>3914</td>
</tr>
</tbody>
</table>
Operating radius in feet from axis of rotation
### Load chart

**Imperial**

<table>
<thead>
<tr>
<th>Radius in Feet</th>
<th>Main Boom Length in Feet</th>
<th>14.2</th>
<th>24.2</th>
<th>33.2</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>18,000 (66)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>14,300 (61.5)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>12,000 (51)</td>
<td>9280 (69)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>10,350 (38)</td>
<td>9120 (63.5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>7830 (0)</td>
<td>8040 (58)</td>
<td>7430 (68)</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>6820 (52)</td>
<td>6620 (64)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>5470 (45.5)</td>
<td>5680 (60)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>4510 (37.5)</td>
<td>4690 (55.5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>3800 (28)</td>
<td>3950 (51)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>3250 (0)</td>
<td>3380 (46.5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24</td>
<td></td>
<td>2920 (41)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26</td>
<td></td>
<td>2550 (35)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28</td>
<td></td>
<td>2240 (28)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30</td>
<td></td>
<td>1980 (17.5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>31</td>
<td></td>
<td>1870 (0)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** () Boom angles are in degrees.

### Load chart

<table>
<thead>
<tr>
<th>Radius in Feet</th>
<th>Main Boom Length in Feet</th>
<th>14.2</th>
<th>24.2</th>
<th>33.2</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>18,000 (66)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>14,300 (61.5)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>12,000 (51)</td>
<td>9280 (69)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>10,350 (38)</td>
<td>9120 (63.5)</td>
<td></td>
<td></td>
</tr>
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<td>12</td>
<td>7830 (0)</td>
<td>8040 (58)</td>
<td>7430 (68)</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>6820 (52)</td>
<td>6620 (64)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>5470 (45.5)</td>
<td>5680 (60)</td>
<td></td>
<td></td>
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<td>4510 (37.5)</td>
<td>4690 (55.5)</td>
<td></td>
<td></td>
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<td>3950 (51)</td>
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<td></td>
</tr>
<tr>
<td>22</td>
<td>3250 (0)</td>
<td>3380 (46.5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24</td>
<td></td>
<td>2920 (41)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26</td>
<td></td>
<td>2550 (35)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28</td>
<td></td>
<td>2240 (28)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30</td>
<td></td>
<td>1980 (17.5)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>31</td>
<td></td>
<td>1870 (0)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** () Boom angles are in degrees.

---

*THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.*

The individual crane’s load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.
### Load chart

**Imperial**

**NOTES:**
1. 12 ft boom extension may be used for single line lifting service only.
2. WARNING: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.

**THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.**

The individual crane’s load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

---

**Main Boom Angle (°)** | **0° OFFSET** | **15° OFFSET** | **30° OFFSET**
--- | --- | --- | ---
 | **Up to 24.2’ boom length** | **Up to 33.2’ boom length** | **Up to 24.2’ boom length** | **Up to 33.2’ boom length** | **Up to 24.2’ boom length** | **Up to 33.2’ boom length** |
70 | 7590 | 5220 | 5420 | 4280 | 4370 | 3630 |
65 | 5850 | 4290 | 4500 | 3590 | 3800 | 3160 |
60 | 4720 | 3300 | 3860 | 2880 | 3370 | 2660 |
55 | 3980 | 2750 | 3390 | 2460 | 3040 | 2310 |
50 | 3300 | 2280 | 2950 | 2090 | 2730 | 1970 |
45 | 2860 | 1920 | 2600 | 1800 | 2450 | 1730 |
40 | 2540 | 1690 | 2370 | 1600 | 2270 | 1550 |
35 | 2320 | 1500 | 2190 | 1460 | 2150 | 1430 |
30 | 2130 | 1380 | 2050 | 1360 | 2050 | 1330 |
25 | 1960 | 1280 | 1930 | 1260 |     |     |
20 | 1870 | 1200 | 1870 | 1200 |     |     |
15 | 1810 | 1130 | 1840 | 1150 |     |     |
10 | 1770 | 1110 |     |     |     |     |
5  | 1740 | 1080 |     |     |     |     |
0  | 1720 | 1080 |     |     |     |     |
THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.

The individual crane’s load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.

1. Capacities are in pounds and do not exceed 75% of tipping loads as determined by test in accordance with SAE J765.
2. Capacities are applicable to machines equipped with 10.00x15 (16 ply) at 125 psi cold inflation pressure.
3. Capacities are applicable only with machine on a smooth, level and firm surface.
4. Defined Arc - Over front includes 8° on either side of longitudinal centerline of machine.
5. All rubber lifting depends on proper tire inflation, capacity and condition. Capacities must be reduced for lower tire inflation pressures. Damaged tires are hazardous to safe operation of crane.
6. For pick and carry operation, the boom, using the shortest practical boom length, must be centered over front of machine. Maximum speed is 2.5 mph.
7. On rubber lifting with boom extension not permitted.

### Load Chart

**Imperial**

<table>
<thead>
<tr>
<th>Radius in Feet</th>
<th>Defined Arc 8° Over Front</th>
<th>Stationary 360°</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>13,450</td>
<td>10,500</td>
</tr>
<tr>
<td>6</td>
<td>11,950</td>
<td>8610</td>
</tr>
<tr>
<td>8</td>
<td>9,730</td>
<td>6540</td>
</tr>
<tr>
<td>10</td>
<td>8,100</td>
<td>4,570</td>
</tr>
<tr>
<td>12</td>
<td>5,890</td>
<td>3,350</td>
</tr>
<tr>
<td>14</td>
<td>4,830</td>
<td>2,720</td>
</tr>
<tr>
<td>16</td>
<td>3,880</td>
<td>2,210</td>
</tr>
<tr>
<td>18</td>
<td>3,190</td>
<td>1,840</td>
</tr>
<tr>
<td>20</td>
<td>2,680</td>
<td>1,500</td>
</tr>
<tr>
<td>22</td>
<td>2,280</td>
<td>1,220</td>
</tr>
<tr>
<td>24</td>
<td>1,970</td>
<td>1,150</td>
</tr>
<tr>
<td>26</td>
<td>1,700</td>
<td>980</td>
</tr>
<tr>
<td>28</td>
<td>1,470</td>
<td>830</td>
</tr>
<tr>
<td>30</td>
<td>1,280</td>
<td>710</td>
</tr>
<tr>
<td>31</td>
<td>1,200</td>
<td>660</td>
</tr>
</tbody>
</table>

80089499
1. **LIFTING OF ENTIRE CRANE OR MAJOR CRANE ASSEMBLIES MUST BE ACCOMPLISHED BY UTILIZING SPECIFIC FITTINGS INDICATED ON ADJACENT CHART. USE OF FITTINGS FOR PURPOSES OTHER THAN THOSE DESIGNATED ON CHART IS PROHIBITED. FITTING CAPACITIES ARE MAXIMUM ALLOWABLE LOADS PER INDIVIDUAL FITTING.**

2. **RIGGING PERSONNEL SHALL BE RESPONSIBLE FOR PROPER SELECTION AND PLACEMENT OF ALL SLINGS AND LOAD HANDLING DEVICES.**

3. **DIMENSIONS AND WEIGHTS SHOWN ARE ESTIMATED FOR LARGEST CONFIGURATION AVAILABLE. WEIGHTS DO NOT INCLUDE BOOM EXTENSION AND OR JIB, UNLESS OTHERWISE INDICATED.**

4. **RIGGING PERSONNEL SHALL VERIFY DIMENSIONS AS REQUIRED FOR CLEARANCE.**

5. **DO NOT USE COUNTERWEIGHT LIFT LOCATIONS OR BOOM SLING POINT FOR LIFTING OR TIE DOWN OF ENTIRE CRANE.**

6. **LIFTING OF THE COUNTERWEIGHT TO BE ACCOMPLISHED WITH A PROPERLY RATED T-8 UNC FITTING.**

---

**TRANSPORTATION AND LIFTING DATA**

<table>
<thead>
<tr>
<th>FITTING NO./UNIT</th>
<th>BOOM CWT</th>
<th>CAPACITY-TONNES [TONS]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LIFT TOW</td>
<td>LIFT TOW</td>
</tr>
<tr>
<td>B 4 X</td>
<td></td>
<td>7.3 [8]</td>
</tr>
<tr>
<td>C 2 X</td>
<td>1.6 [1.7]</td>
<td></td>
</tr>
</tbody>
</table>

---

**LOAD DISTRIBUTION FOR CARRYDECK**

1. Maximum travel speed with any or all loads - 2.5 MPH
2. Loads to be transported on smooth level firm surfaces only.
3. Boom must be retracted and in center forward position, and lowered as much as the load allows.
4. Pick and carry loads may be transported on either Deck Area 1 or Deck Area 2; combined loading of Deck Area 1 and Deck Area 2 not permitted.
5. Lifting is not permitted when carry deck is loaded except for loading and unloading carry deck.
6. The maximum pick and carry loads may be transported on deck area 1 provided the load is centered over the front axle and cribbed directly on the frame rails.

---

**THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.**

The individual crane’s load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.
WEIGHT REDUCTIONS FOR LOAD HANDLING DEVICES

<table>
<thead>
<tr>
<th>12 ft FIXED OFFSETTABLE EXTENSION</th>
<th>HOOK BLOCKS AND HEADACHE BALLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Stowed</td>
<td>12.5 USt, one-sheave hook block</td>
</tr>
<tr>
<td>N/A</td>
<td>187 lb+</td>
</tr>
<tr>
<td>*Erected</td>
<td>6.25 USt downhaul weight</td>
</tr>
<tr>
<td>740 lb</td>
<td>135 lb+</td>
</tr>
</tbody>
</table>

*Reduction of main boom capacities

When lifting over swingaway and/or jib combinations, deduct total weight of all load handling devices reeved over main boom nose directly from swingaway or jib capacity.

HOOK BLOCKS AND HEADACHE BALLS

12.5 USt, one-sheave hook block 187 lb+
6.25 USt downhaul weight 135 lb+

*Refer to rating plate for actual weight

NOTE: All load handling devices and boom attachments are considered part of the load and suitable allowances MUST BE MADE for their combined weights. Weights are for Shuttlelift furnished equipment.

TIRE INFLATION - BAR (PSI)

<table>
<thead>
<tr>
<th>SIZE (FRONT &amp; REAR)</th>
<th>PLY RATING</th>
<th>LIFTING SERVICE, GENERAL TRAVEL &amp; EXTENDED TRAVEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>STATIC &amp; 2.5 MPH</td>
</tr>
<tr>
<td>SAMSON 10.00x15 LPT</td>
<td>16</td>
<td>125</td>
</tr>
</tbody>
</table>

LIFTING AREA DIAGRAM

SIDE

SIDE

LINE PULLS AND REEVING INFORMATION

<table>
<thead>
<tr>
<th>HOISTS</th>
<th>CABLE SPECS.</th>
<th>PERMISSIBLE LINE PULLS</th>
<th>NOMINAL CABLE LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main</td>
<td>9/16” 6x19 class Bridon EEIPS (XXIPS) Min. breaking strength 37,000 lb</td>
<td>9000 lb*</td>
<td>120 ft</td>
</tr>
<tr>
<td>Main</td>
<td>9/16” 8x25 Galv. Min. breaking strength 43,800 lb</td>
<td>9000 lb*</td>
<td>120 ft</td>
</tr>
</tbody>
</table>

The approximate weight of 9/16” wire rope is 0.59 lb/ft.

*With certain boom and hoist tackle combinations, the allowable line pull may be limited by hoist performance. Refer to hoist performance table for lift planning to ensure adequate hoist performance on drum rope layer required.

THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.
The individual crane’s load chart, operating instructions and other instructional plates must be read and understood prior to operating the crane.
Specifications

**Hoist specifications**
Geroler motor driven with automatic spring-applied / hydraulically released wet brake. Drum rotation indicator in the hoist joystick control and hoist direction indicator light on dashboard.

- Maximum hoist pull (first layer): 4885 kg (10,769 lb)
- Maximum permissible single line pull: 4082 kg (9000 lb) (3.5:1 design factor)
- Maximum single line speed: 34 m/min (112 fpm)
- Rope construction: 6X19 XXIPS IWRC
- Rope diameter: 14 mm (9/16 in)
- Rope length: Main hoist: 36.6 m (120 ft)
- Maximum usable rope: Main hoist: 38 m (125 ft)

**Carrier**

**Chassis**
High-strength alloy frame constructed with integral outrigger housings; front and rear lifting, tie-down, and towing lugs. 2.34 m² (25.2 ft²) carrydeck size with 6350 kg (14,000 lb) deck only carrying capacity. Deck coated with anti-skid treatment.

**Outriggers**
Hydraulic telescoping beam with oblique type jack provides extended and down retracted and down lifting capacities. Integral holding valves on both beam and jack.
- Outrigger pad size: 203.2 mm x 200 mm (8 in x 7.87 in) rectangular steel fabrication
- Maximum outrigger pad load: 6795 kg (14,980 lb)

**Outrigger controls**
Independent outrigger controls. 360° bubble level located inside cab.

**Engine (EPA Tier 4F)**
Cummins QSF 2.8 L, four-cylinder / turbo charged water cooled diesel rated at 55.1 kW (74 hp) at 2,500 rpm, includes Cummins catalyst, hour meter, cold start aid (grid heater), 120V engine block heater, and air filter service indicator. Engine shut down feature. Meets EPA emissions. Requires maximum 15 ppm “Ultra Low Sulfur Diesel.”
- Note: Required for USA and Canada.

**Engine (EPA Tier 3)**
Cummins QSF EPA, CARB (Tier III) off-highway certified; 4 cylinder turbo charged water cooled diesel; 72 hp @ 2400 RPM. Engine hour meter located in dash display.
- Note: Required for sale outside the USA, Canada and European Union; good for up to 5000 ppm sulfur diesel fuel.

**Engine (Dual Fuel)**
GM3.0L EFI gasoline /LP gas engine, 07 EPA and CARB certified, 78 hp at 2500 RPM (gasoline) and 63 hp at 2500 RPM (LPG), with engine shutdown feature. (LP tank not included.)

---

*Denotes optional equipment*
Specifications

Fuel tank capacity
67 L (17.7 gal)

Transmission
Powershift with four speeds forward and three speeds reverse. Stalk mounted direction shifter with rotary gear selection.

Operators control station
Frame mounted, open air style control station with cab shell includes all crane functions, driving controls, and overhead safety glass. Other standard equipment includes a deluxe seat with seat belt, hour meter sight level bubble and 1.13 kg (2.5 lb) fire extinguisher. The dash panel includes a multi-cluster gauge showing fuel, water temperature, battery voltage and engine fault codes. An engine monitoring indicator lamp shows engine warning, stop engine, wait to start, transmission high temperature, low brake system pressure, and hydraulic oil temperature. The RCL display is mounted to the top of the front dash.

Operators control station enclosed
Includes the standard cab shell with the addition of front, rear and right side glass, a split (2 piece) hinged door with sliding glass, front windshield wiper and washer, hot water heater and defroster with fan and cab dome light are included.

Electrical system
One 12 V maintenance-free battery, 730 CCA each at 0°.
105 amp alternator Dual fuel
120 amp alternator T3 and T4

Drive
Front-wheel drive as standard

Steering
Standard three steering modes. Front two-wheel, four-wheel coordinated, and four-wheel crab steer with electronic self-alignment, three-position rocker selector on dash panel. Outside turning radius:
Two-wheel steer: 5050 mm 198.8 in
Four-wheel steer: 3180 mm 125.2 in

Axles
Front: Drive/steer
Rear: Non-drive/steer
Front and rear axle are rigid mounted to frame.

Brakes
Hydraulic actuated internal wet-disc service brakes acting on front wheels. Dash mounted toggle switch with light for activating or release of the dry disc parking brake mounted on the axle input.

Tires
Standard: 10.00 x 15, 16 ply, bias type tires

Light
Full lighting including turn indicators, head, tail brake and hazard warning light recessed mounted.

Maximum speed
30.9 km/h (19.2 mph)

Gradeability (theoretical)
Gas 84.8% with 9072 kg (14,000 lb) load
LP 69.2% with 9072 kg (14,000 lb) load
Diesel 90.3% with 9072 kg (14,000 lb) load

Gross vehicle weight (GVW)
Tier 4 Final Diesel engine with enclosed cab and hookblock: 7872 kg (17,355 lb)
Dual Fuel engine with enclosed cab and hookblock: 7769 kg (17,127 lb)

Miscellaneous standard equipment
• Back-up motion alarm
• Outrigger motion alarm
• Hoist drum rotation indicator

Optional equipment
• Auxiliary lighting: includes amber strobe light and boom mounted work lights
• Convenience package: includes front and rear pintle hitch and headlight/taillight grille covers
• Enclosed cab package: includes heater and defroster, cab dome light, all window glass, and two-piece split door
• Offsettable swing away boom extension with hook and downhaul weight
• Air conditioner
• 340lb (750 lb) capacity hydraulic below-deck mounted tow winch
• Searcher hook

*Denotes optional equipment
Specifications

- Axles
- Boom
- Boom elevation
- Boom extension
- Boom length
- Boom nose
- Brakes
- Cab
- Counterweight
- Drive
- Electrical system
- Engine
- Fuel tank capacity
- Gear
- Grade
- Heavy-duty jib
- Hook block
- Hoist
- Insert
- Lights
- Oil
- Outrigger controls
- Outrigger
- Rated Capacity Limiter (RCL)
- Rotation
- Speed
- Steering
- Suspension
- Swing
- Tires
- Transmission
Regional headquarters

**Americas**
Milwaukee, Wisconsin, USA
Tel: +1 414 760 4600
Shady Grove, Pennsylvania, USA
Tel: +1 717 597 8121

**Europe and Africa**
Dardilly, France - TOWERS
Tel: +33 (0) 4 72 18 20 20
Wilhelmshaven, Germany - MOBILE
Tel: +49 (0) 4421 294 0

**APAC**
Shanghai, China
Tel: +86 21 6457 0066
Singapore
Tel: +65 6264 1188

**Middle East and India**
Dubai, UAE
Tel: +971 4 8862677

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Form No. SCD09 PG
Part No. 18-010/IM/0520

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