RS-75 Skid Steer Loader

RS-75 Brief Specifications

- Operating weight: 7,425 lbs | 3367 kg
- Tipping load: 5,200 lbs | 2358 kg
- Breakout force: 5,845 lbs | 2651 kg
- Gross engine power: 74 hp | 55 kW
### OPERATING SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loader arms</td>
<td>Radial</td>
</tr>
<tr>
<td>Operating weight</td>
<td>7,425 lbs</td>
</tr>
<tr>
<td>Shipping weight</td>
<td>6,610 lbs</td>
</tr>
<tr>
<td>Operating capacity, 50% of tipping load</td>
<td>2,600 lbs</td>
</tr>
<tr>
<td>Tipping load</td>
<td>5,200 lbs</td>
</tr>
<tr>
<td>Travel speed, maximum - 1st speed</td>
<td>8.2 mph</td>
</tr>
<tr>
<td>Travel speed, maximum - 2nd Speed (optional)</td>
<td>11 mph</td>
</tr>
<tr>
<td>Breakout force at bucket edge</td>
<td>5,845 lbs</td>
</tr>
<tr>
<td>Arm lifting force</td>
<td>7,100 lbs</td>
</tr>
<tr>
<td>Ground clearance, unloaded</td>
<td>10.5 in</td>
</tr>
<tr>
<td>Ground clearance, loaded</td>
<td>10 in</td>
</tr>
<tr>
<td>Width over tires</td>
<td>72 in</td>
</tr>
<tr>
<td>Width over tires with rims reversed</td>
<td>66 in</td>
</tr>
</tbody>
</table>

### ENGINE

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Diesel, 4-cylinder, turbocharged</td>
</tr>
<tr>
<td>Model</td>
<td>Deutz TD2.9L4</td>
</tr>
<tr>
<td>Displacement</td>
<td>177 in³</td>
</tr>
<tr>
<td>Gross power rating @ 2800 rpm</td>
<td>74 hp</td>
</tr>
<tr>
<td>Torque, peak</td>
<td>192 ft·lb</td>
</tr>
<tr>
<td>Cooling system</td>
<td>Engine-driven fan and coolant/anti-freeze-filled radiator</td>
</tr>
<tr>
<td>Intake air cleaner</td>
<td>Dual stage</td>
</tr>
<tr>
<td>Emission controls</td>
<td>Meets all U.S. EPA Tier 4 final standards</td>
</tr>
</tbody>
</table>

### DRIVE TRAIN

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive system</td>
<td>Hydrostatic</td>
</tr>
<tr>
<td>Chain case</td>
<td>Bow tie drive system</td>
</tr>
<tr>
<td>Chain size</td>
<td>100 ANSI chain</td>
</tr>
<tr>
<td>Wheel size</td>
<td>12x16.5</td>
</tr>
<tr>
<td>Tractive effort</td>
<td>8,800 lbs</td>
</tr>
</tbody>
</table>

* Machine tested with foundry bucket

### AUX. HYDRAULIC SYSTEM

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pump capacity</td>
<td>Standard - 21.97 gpm</td>
</tr>
<tr>
<td></td>
<td>Optional - 30.9 gpm</td>
</tr>
<tr>
<td>System pressure, max.</td>
<td>3,335 psi</td>
</tr>
<tr>
<td>Controls</td>
<td>Intermittent via joystick button or continuous via console switch, mode selectable via dash-mounted switch</td>
</tr>
<tr>
<td>Couplers</td>
<td>Push-to-connect quick couplers mounted on loader arms</td>
</tr>
<tr>
<td></td>
<td>Pressure relief valve mounted to coupler block</td>
</tr>
<tr>
<td>Cooling system</td>
<td>High efficiency side-by-side radiator and oil cooler</td>
</tr>
</tbody>
</table>

### ELECTRICAL SYSTEM

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal charge</td>
<td>12 V</td>
</tr>
<tr>
<td>Battery</td>
<td>800 CCA</td>
</tr>
<tr>
<td>Charging system</td>
<td>95 amp alternator</td>
</tr>
<tr>
<td>Outlets</td>
<td>1-12 V port inside operator station</td>
</tr>
<tr>
<td>Wiring</td>
<td>Pre-wired for all factory-available accessories</td>
</tr>
</tbody>
</table>

### OPERATOR STATION

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seat</td>
<td>Adjustable contour vinyl with built-in operator presence switch, lap bar and 2 in</td>
</tr>
<tr>
<td>Loader control</td>
<td>Right-hand pilot hydraulic joystick controls loader lift, lower and tilt, plus intermittent control of auxiliary hydraulic</td>
</tr>
<tr>
<td>Drive control</td>
<td>Left-hand pilot hydraulic joystick controls machine speed and direction</td>
</tr>
<tr>
<td>Engine speed</td>
<td>Hand throttle</td>
</tr>
<tr>
<td>Indicators &amp; gauges</td>
<td>Engine oil low-pressure light</td>
</tr>
<tr>
<td></td>
<td>Hydraulic oil high-temperature light</td>
</tr>
<tr>
<td></td>
<td>Engine high-temperature light</td>
</tr>
<tr>
<td></td>
<td>Low battery voltage light</td>
</tr>
<tr>
<td></td>
<td>Tachometer</td>
</tr>
<tr>
<td></td>
<td>Hour meter</td>
</tr>
<tr>
<td></td>
<td>Fuel gauge</td>
</tr>
<tr>
<td>ROPS / FOPS</td>
<td>Meets ISO 3471, ISO 6683, ISO 3449:2005 Level 1</td>
</tr>
<tr>
<td>Illumination</td>
<td>4 - Fixed forward-facing halogen lights</td>
</tr>
<tr>
<td></td>
<td>2 - Adjustable rear-facing halogen light</td>
</tr>
<tr>
<td></td>
<td>1 - Interior light</td>
</tr>
<tr>
<td>Convenience</td>
<td>12 V power port</td>
</tr>
<tr>
<td>Horn</td>
<td></td>
</tr>
<tr>
<td>Backup alarm</td>
<td></td>
</tr>
<tr>
<td>Sound insulation</td>
<td></td>
</tr>
<tr>
<td>Rear window</td>
<td></td>
</tr>
</tbody>
</table>


DIMENSIONS

RS-75

125 in. / 2997 mm
100 in. / 2540 mm
25 in. / 635 mm
48.9 in. / 1242 mm
30°
34°

145 in. / 3683 mm
109.5 in. / 2782 mm
84 in. / 2134 mm
72 in. / 1823 mm
66 in. / 1676 mm
10.5 in. / 267 mm

24°
24°
## SERVICE REFILL CAPACITIES

<table>
<thead>
<tr>
<th>Service Type</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel tank</td>
<td>28 gal</td>
</tr>
<tr>
<td>Hydraulic tank</td>
<td>10 gal</td>
</tr>
<tr>
<td>Engine coolant/antifreeze</td>
<td>5 gal</td>
</tr>
<tr>
<td>Engine oil, including filter</td>
<td>9 quarts</td>
</tr>
</tbody>
</table>

## OPTIONAL ATTACHMENTS

<table>
<thead>
<tr>
<th>Attachment Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auger drive and bits</td>
<td>Grapple bucket</td>
</tr>
<tr>
<td>Backhoe</td>
<td>Pallet forks</td>
</tr>
<tr>
<td>Broom, rotary</td>
<td>Power box rake</td>
</tr>
<tr>
<td>Bucket, general purpose</td>
<td>Snow blade</td>
</tr>
<tr>
<td>Bucket, light material</td>
<td>Snow blower</td>
</tr>
<tr>
<td>Bucket, multi-purpose</td>
<td>Stump grinder</td>
</tr>
<tr>
<td>Brush cutter, rotary</td>
<td>Trencher</td>
</tr>
<tr>
<td>Dozer blade</td>
<td>Vibratory roller</td>
</tr>
<tr>
<td>Eliminator rake</td>
<td></td>
</tr>
</tbody>
</table>

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Effective Date: May, 2016

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