

OPERATING PERFORMANCE

Loader Type Operating Weight - Canopy Tipping Load Rated Operating Capacity, SAE J818* Bucket Breakout Force Lift Arm Breakout Force Traction Force Radial 6,475 lbs (2,937 kg) 3,000 lbs (1,361 kg) 1,500 lbs (680 kg) 3,900 lbs (1,770 kg) 3,000 lbs (1,360 kg) 8,453 lbs (3,834 kg)

*Operating capacity of skid steer loaders is rated according to SAE J818 at no more than 50% of the tipping load.

ENGINE

Perkins / 404D-22, Naturally Aspirated Make / Model Cylinders / Displacement 4 / 135 cu in (2.2 L) Horsepower 50 hp (37.3 kW) **Rated Engine Speed** 2,800 rpm Maximum Torque 105 ft-lb (143 Nm) Engine Lubrication 11.2 qts (10.6 L) 14 gts (13.2 L) Cooling System Fuel Tank Capacity 25 gal (95 L) **Electrical System** 12 volts / 65 amps

DRIVE TRAIN AND FRAME

Traction Drive Type Chain Case Chain Size Wheel Size Width Over Tires Maximum Travel Speed: Single Speed Optional Two-Speed Hydrostatic Bow Tie Drive System 80 ANSI Chain 10 x 16.5 66 in (1,676 mm)

8.2 mph (13.2 km / hr) 11.7 mph (18.8 km / hr)

HYDRAULIC

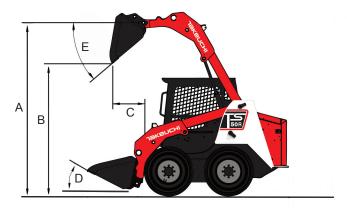
Hydraulic Reservoir Capacity Auxiliary Flow - Primary Circuit Hydraulic System Pressure 8.0 gal (30.2 L) 17.1 gal / min (65 L / min) 3,335 psi (22.9 MPa)



WORKING DIMENSIONS

- A. Maximum Lift Height to Bucket Pin
- B. Dump Height Fully Raised
- C. Dump Reach Fully Raised
- D. Maximum Bucket Rollback at Ground E. Maximum Dump Angle Fully Raised
- 9 ft 7 in (2,921 mm) 7 ft 3 in (2,210 mm) 1 ft 9.7 in (552 mm) 27°

40°



<u> S50R - Skid Steer Loader</u>

Product Features

ENGINE

- EPA Interim Tier 4 Compliant
- Engine Driven Fan
- Swing Out Cooler
- Dual Element Air Filter
- O Engine Block Heater

ELECTRICAL

- Machine Monitoring System w/ Tachometer, Fuel and Coolant Temperature Gauge
- 12 volt System with 65 amp Alternator
- Halogen Work Lights, Front and Rear
- Hour Meter
- Back-up Alarm

DRIVE TRAIN AND FRAME

- Mechanical Faced Axle Seals
- Hydrostatic Drive System
- 80 ANSI Chain
- Offset Wheels are Reversible for Narrow or Wide Stance
- Heavy Duty Tires
- Over the Tire Tracks (OTT)
- O Two-Speed Travel

HYDRAULIC

- Boom Float with Detent
- Pilot Proportional Hydraulic Controls
- Pressure Relieving Flat Faced Coupler Body
- Auxiliary Hydraulics Pump Flow 17.1 gal / min (65 L / min)

WORKING EQUIPMENT

- Radial Boom Design
- Mechanical Quick Coupler
- O Hydraulic Quick Coupler
- 63" Smooth Lip Bucket (15.4 cu ft) (Narrow Wheel Position)
- O 67" Smooth Lip Bucket with Bolt-on Cutting Edge (16.2 cu ft)
- OAttachment Control Kit w/ 8 Pin Connector
- O Bolt on Tooth Bar
- O Pallet Forks, 42"

OPERATOR'S STATION

- Tilt-up Operator Station
- Pilot Operated Joystick Controls
- Rear Pivoting Seat Bar w/ Integrated Arm Rests
- ROPS / FOPS Structure
- 12 volt Power Outlet
- Deluxe Suspension Seat
- O Pressurized Cab w/ Heat
- O Pressurized Cab w/ Heat and A/C
- 3/8" Polycarbonate Front Door with Wiper
- O AM / FM / MP3 Radio w/ NOAA Weather band



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MACHINE DIMENSIONS

11 ft 4.6 in (3,470 mm)
8 ft 6.5 in (2,604 mm)
3 ft 4.6 in (1,031 mm)
28°
10.5 in (267 mm)
5 ft 6 in (1,676 mm)
5 ft 0 in (1,524 mm)
6 ft 5 in (1,956 mm)

