

SKID STEER LOADER

takeuchi

From World First to World Leader

TS80R2



Product Features & Specifications

ENGINE

- Four Cylinder Turbocharged Deutz Diesel Engine
- U.S. EPA FINAL TIER 4 Emission Compliant
- Maintenance Free Diesel Oxidation Catalyst (DOC) Exhaust After-treatment
- Dial Throttle Control
- Engine Driven Fan
- Auto Tensioning Fan Belt
- Dual Element Air Cleaner with Restriction Indicator

DRIVE TRAIN

- Mechanical Faced Axle Seals
- 100 ANSI Bow Tie Drive Chain
- Spring Applied, Hydraulically Release Wet Disc Park Break
- 2-Speed Travel (optional)
- 12x16.5 HD 10 ply Tires on Reversible Offset Wheels
- 12x16.5 HD Foam Filled Tires (optional)
- 33x15.5-16.5 Floatation Tires (optional)
- 31x10 Solid Tires (optional)
- Over the Tire Tracks (OTT) (optional)

ELECTRICAL

- 12 volt System with 95 amp Alternator
- Heavy Duty Battery, 800 CCA
- Work Lights: Two Front and Two Rear
- Back-up Alarm
- Horn

HYDRAULIC & WORKING EQUIPMENT

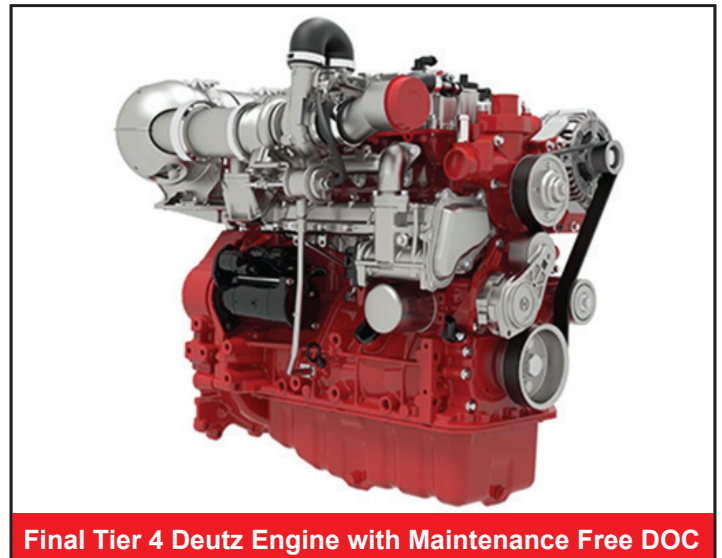
- Radial Lift Loader Linkage
- Proportional Auxiliary Controls
- Dual Direction Continuous Flow Mode
- Pressure Relieving 1/2" Flat Face Couplers
- 14-Pin Attachment Connector
- Mechanical Quick Coupler
- Hydraulic Quick Coupler (optional)
- High Flow Auxiliary Hydraulics (optional)
- Hydraulic Self Leveling (Up Only) (optional)
- Ride Control Accumulator (optional)
- Rear Door Guard Screen (optional)

OPERATOR'S STATION

- Hydraulic Pilot Joystick Controls
- Tilt-up ROPS / FOPS Structure
- Rear Pivoting Lap Bar with Integrated Arm Rests
- Multi-Informational Display with Digital Gauges and Menu Navigation
- Electronic Monitoring System Includes Visual and Audible Alarms
- Overhead Skylight with Guard
- Rear View Mirror
- 12 volt Accessory Port
- Suspension Seat with 2" Seat Belt
- 3" Seat Belt (optional)
- Deluxe Air Suspension Seat (optional)
- Enclosed Cab with Swing Out Door (optional)
- A/C, Heat and Defrost (optional)
- AM / FM / MP3 / Weather Band Radio (optional)
- Special Application 1/2" Polycarbonate Swing Out Door (optional)



All Welded Uniframe Design



Final Tier 4 Deutz Engine with Maintenance Free DOC

TOUGH, POWERFUL, RELIABLE



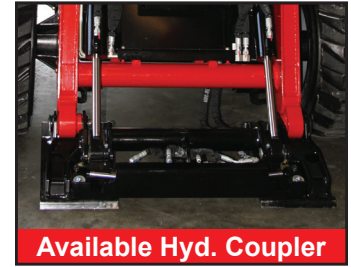
LCD Display



Centralized Filters



14 Pin Connector



Available Hyd. Coupler

The TS80R2 is a versatile machine. Standard equipment includes an auto tensioning fan belt, a maintenance strut, a pressure relieving coupler, and a heavy duty cooling module. This equipment helps make servicing your machine easier. The operator station includes a high speed indicator, hydraulic pilot controls, rearview mirror, large floor

area, and a deluxe suspension seat. Whether you are removing snow, loading trucks, or working construction the vertical lift path with help you complete your toughest tasks. The TS80R2 is an perfect blend of power and performance, durability, and operator comfort.



Convenient Service and Maintenance Access

OPERATING PERFORMANCE

| | | |
|-------------------------------------|-----------|--------------|
| Operating Weight w/ Bucket, Canopy | 7,950 lbs | (3,606 kg) |
| Operating Weight w/ Bucket, Cab | 8,100 lbs | (3,674 kg) |
| Tipping Load, Foundry Bucket | 5,650 lbs | (2,562 kg) |
| ROC*, Foundry Bucket | 2,825 lbs | (1,281 kg) |
| Tipping Load, Dirt Bucket | 4,720 lbs | (2,140 kg) |
| ROC*, Dirt Bucket | 2,360 lbs | (1,070 kg) |
| Bucket Breakout Force | 5,845 lbs | (2,651 kg) |
| Lift Arm Breakout Force | 7,080 lbs | (3,211 kg) |
| Traction Force | 8,700 lbs | (3,946 kg) |
| Travel Speed - One Speed | 8.2 mph | (13.1 km/hr) |
| Travel Speed - Two Speed (optional) | 11 mph | (17.7 km/hr) |

*Rated Operating Capacity (ROC) for skid steer loaders is rated according to SAE J818 at no more than 50% of the tipping load.

HYDRAULIC SYSTEM

| | | |
|---|-----------|-------------|
| Auxiliary Hydraulics - Standard Flow | 21.5 gpm | (81.0 Lpm) |
| Auxiliary Hydraulics - High Flow (optional) | 31.0 gpm | (117.3 Lpm) |
| Hydraulic System Pressure | 3,335 psi | (23.0 MPa) |

ENGINE

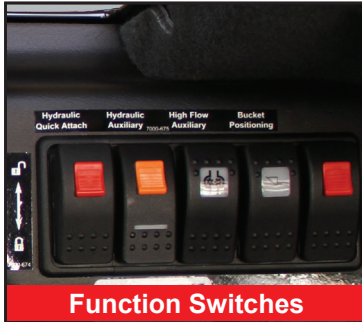
| | | |
|----------------------------|-----------------------|----------|
| Make / Model | Deutz / TD2.9L4 Turbo | |
| Engine Displacement | 177 cu in | (2.9 L) |
| Horsepower @ 2,600 rpm | 74 hp | (55 kW) |
| Maximum Torque @ 1,800 rpm | 192 ft-lb | (260 Nm) |

FLUID CAPACITIES

| | | |
|-------------------------------------|------------|-------------|
| Engine Lubrication | 9.0 qt | (8.5 L) |
| Cooling System | 20.0 qt | (19.0 L) |
| Fuel Tank Capacity | 28.0 gal | (106.0 L) |
| Fuel Consumption (65% of Full Load) | 3.0 gal/hr | (11.4 L/hr) |
| Hydraulic Reservoir Capacity | 10.0 gal | (38.0 L) |
| Chain Case Capacity (Each) | 4.2 qt | (4.0 L) |



Easy Maintenance



Function Switches



Dial Throttle



Lower Entry Threshold

ATTACHMENTS

Takeuchi now offers attachments for all of your Takeuchi equipment. See your authorized Takeuchi dealer for additional information and attachment options.



Grapple - Scrap



Dozer Blades

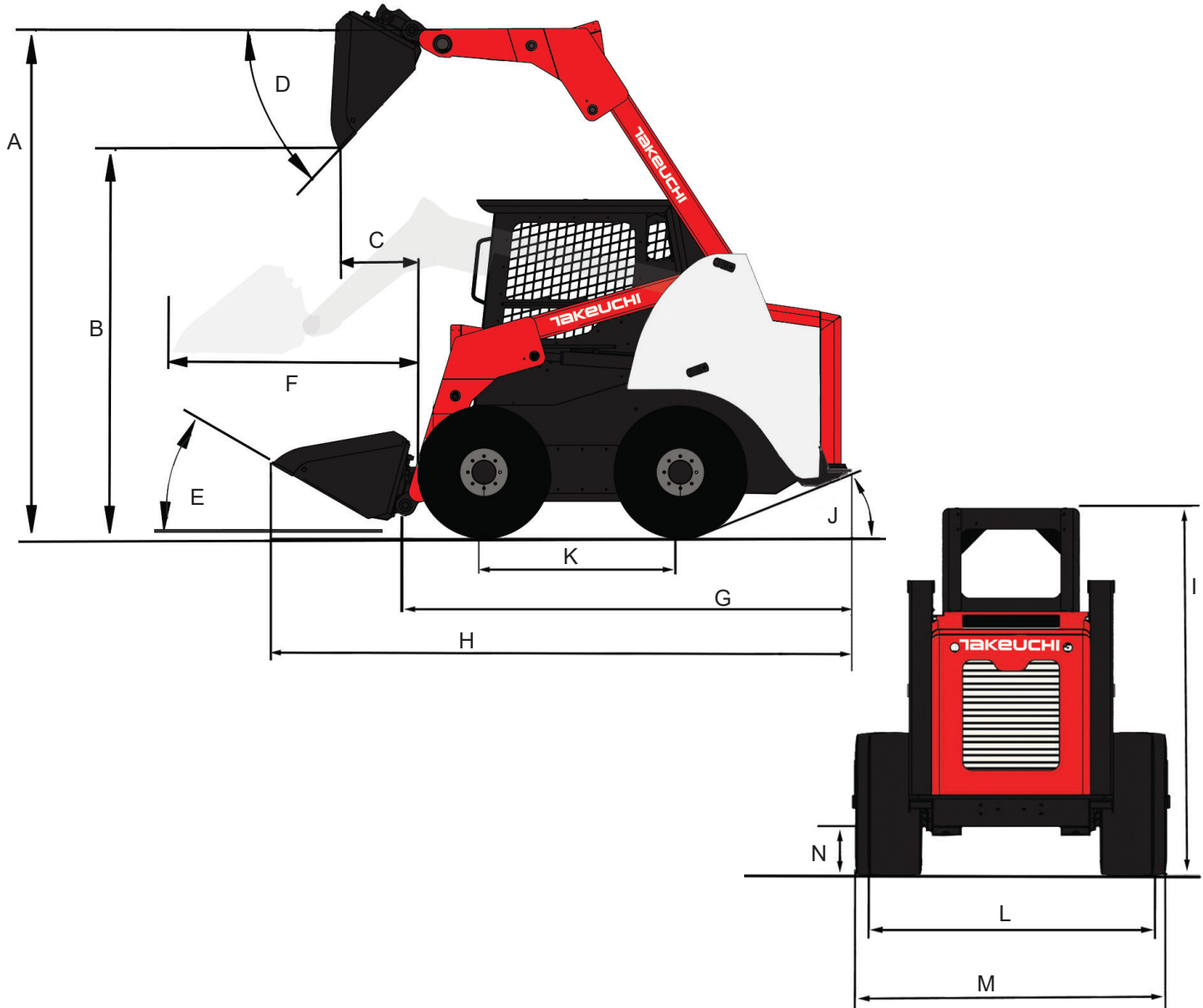


Pallet Forks



Trenchers

TS80R2 Skid Steer Loader



MACHINE DIMENSIONS

| | | | |
|---|--------------------------------|--------------|------------|
| A | Max. Lift Height to Bucket Pin | 10 ft 5.0 in | (3,175 mm) |
| B | Dump Height Fully Raised | 8 ft 4.0 in | (2,540 mm) |
| C | Dump Reach Fully Raised | 2 ft 1 in | (635 mm) |
| D | Dump Angle | 34° | |
| E | Rollback Angle | 30° | |
| F | Mid-Height Reach | 4 ft 10.0 in | (1,473 mm) |
| G | Machine Length | 9 ft 3.5 in | (2,832 mm) |
| H | Transport Length | 12 ft 1.5 in | (3,696 mm) |
| I | Transport Height | 7 ft 0.0 in | (2,134 mm) |
| J | Departure Angle | 24° | |
| K | Wheel Base | 4 ft 1.0 in | (1,245 mm) |
| L | Narrow Position | 5 ft 6.0 in | (1,676 mm) |
| M | Wide Position | 6 ft 0.0 in | (1,829 mm) |
| N | Ground Clearance | 10.5 in | (267 mm) |



2 YEAR
2,000 HOUR
FULL MACHINE
WARRANTY

© 2016 Takeuchi Manufacturing (U.S.), Ltd. All Rights Reserved. Printed in the U.S.A.
 In accordance with our established policy of continued improvement, specifications and
 features are subject to change without notice. Pictures may show options other than
 standard equipment.
 FORM: TS80R2 Skid Steer Loader Spec Sheet - May 2017

TAKEUCHI
From World First to World Leader

