

SKID STEER LOADER

# TS80V2

**takeuchi**  
From World First to World Leader



# 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
- High Capacity Radiator and Hydraulic Oil Cooler Mounted Side-by-Side on Swing out frame
- Block Heater, 120 volt (optional)

## ELECTRICAL

- 12 volt System with 95 amp Alternator
- Heavy Duty Battery, 800 CCA
- Work Lights, Front (2) and Rear (2)
- Back-up Alarm
- Horn

## DRIVE TRAIN

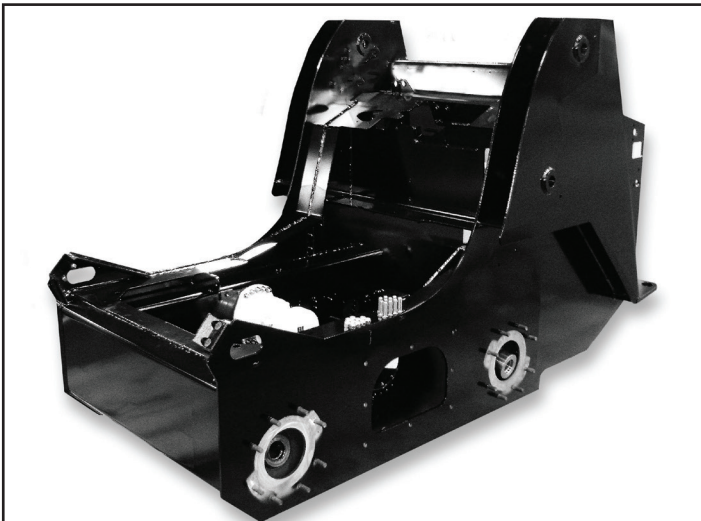
- Mechanical Faced Axle Seals
- 100 ANSI Bow Tie Drive Chain
- Spring Applied, Hydraulically Released Wet Disc Park Brake
- Two-Speed Travel (optional)
- 12x16.5 HD 10 ply Tires on Reversible Offset Wheels (optional)
- 12x16.5 HD Foam Filled Tires (optional)
- 33x15.5-16.5 Flotation Tires (optional)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

## HYDRAULIC & WORKING EQUIPMENT

- Vertical 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-Information 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)

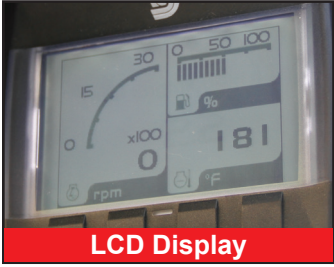


All Welded Uniframe Design



Final Tier 4 Deutz Engine with Maintenance Free DOC

# TOUGH, POWERFUL, RELIABLE



The TS80V2 is a perfect blend of power and performance. Standard equipment includes pilot operated joystick controls, electronic dial throttle, auxiliary detent, mechanical faced axle seals, and 14-pin attachment connector. Additional features include a deluxe suspension seat, cup holders, and the large open floor ensures the operator can remain comfortable throughout the work day.

To simplify maintenance the TS80V2 features a high capacity, swing out cooling module that is easy to clean and inspect. For added convenience and increased uptime, filters are centrally located for easy access.

To further complement the TS80V2, various tire options are available to meet your specific application requirements.



Convenient Service and Maintenance Access

## OPERATING PERFORMANCE

Operating Weight w/ Bucket, Canopy	8,965 lbs	(4,066 kg)
Operating Weight w/ Bucket, Cab	9,115 lbs	(4,134 kg)
Tipping Load, Foundry Bucket	7,000 lbs	(3,175 kg)
ROC*, Foundry Bucket	3,500 lbs	(1,588 kg)
Tipping Load, Dirt Bucket	6,010 lbs	(2,726 kg)
ROC*, Dirt Bucket	3,005 lbs	(1,363 kg)
Bucket Breakout Force	5,920 lbs	(2,685 kg)
Lift Arm Breakout Force	6,200 lbs	(2,812 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 Flow - Standard Flow	26.0 gpm	(98.4 Lpm)
Auxiliary Flow - High Flow (optional)	31.0 gpm	(117.3 Lpm)
System Operating Pressure	3,335 psi	(23.0 MPa)

## ENGINE

Make / Model	Deutz / TD2.9L4 Turbo	
Emission Standard	U.S. EPA FINAL TIER 4	
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 Access



Function Switches



Dial Throttle Control



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.



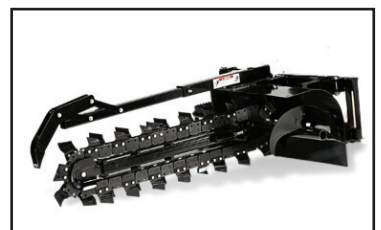
Grapple - Scrap



Dozer Blades

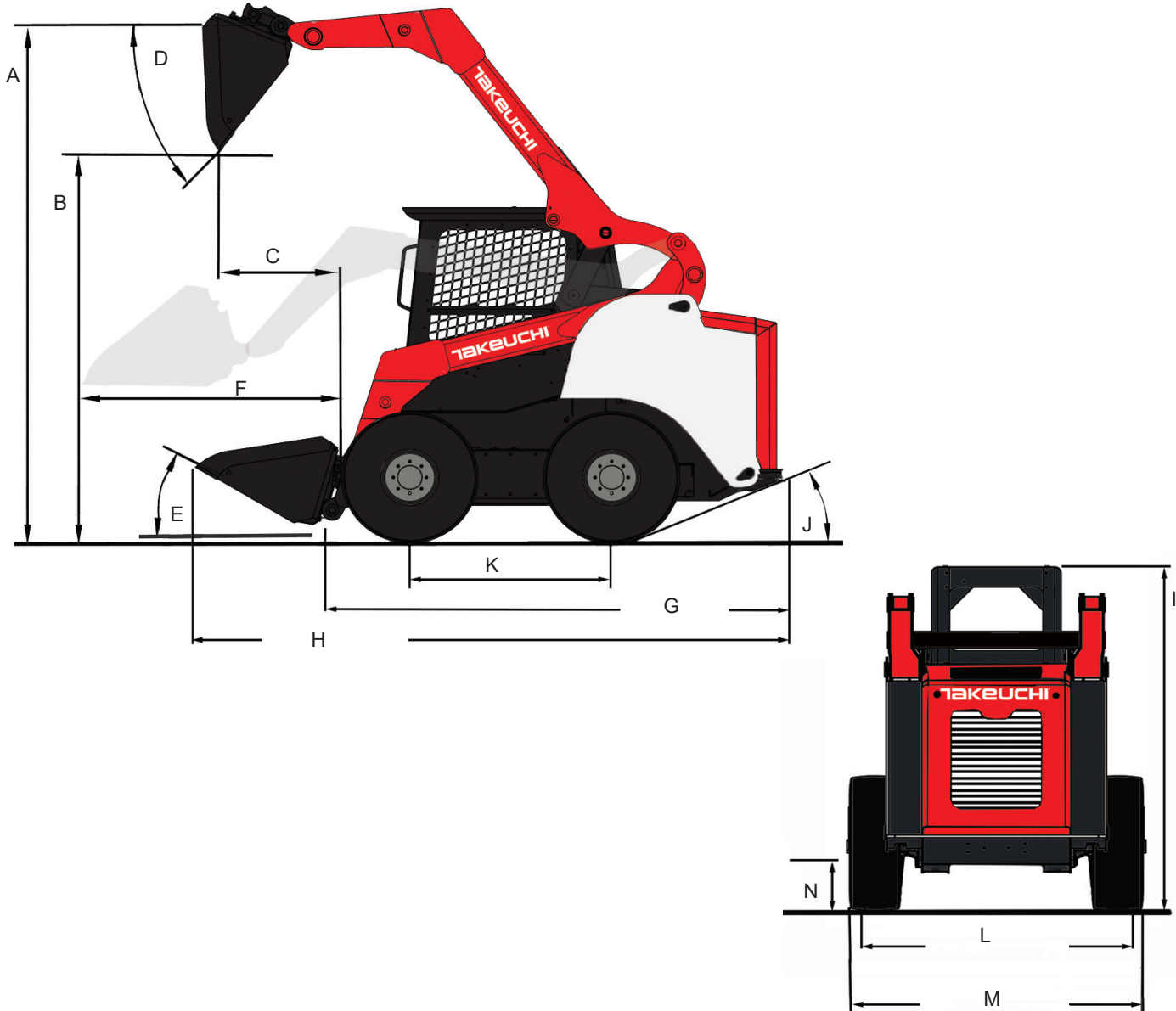


Pallet Forks



Trenchers

# TS80V2 Skid Steer Loader



## MACHINE DIMENSIONS

A	Max. Lift Height to Bucket Pin	10 ft 10.0 in	(3,302 mm)
B	Dump Height Fully Raised	8 ft 7.0 in	(2,616 mm)
C	Dump Reach Fully Raised	3 ft 0.0 in	(635 mm)
D	Dump Angle	39°	
E	Rollback Angle	30°	
F	Mid-Height Reach	4 ft 6.3 in	(1,412 mm)
G	Machine Length	9 ft 1.0 in	(2,763 mm)
H	Transport Length	12 ft 2.0 in	(3,708 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**

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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: TS80V2 Skid Steer Loader Spec Sheet - Feb. 2017

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