

Compact Wheel Loader

takeuchi
From World First to World Leader

TW60 SERIES 2



Product Features & Specifications

ENGINE

- EPA Tier 4 Compliant
- DOC/DPF Exhaust After Treatment
- Turbocharged
- Water Cooled
- Dual Element Air Cleaner
- Heavy Duty Radiator and Hydraulic Oil Cooler

OPERATOR'S STATION

- Enclosed Cab with A/C, Heat, Front and Rear Wipers, Front and Rear Washer, and Rear Window Defrost
- Deluxe Lighting Package for Work, Driving and Signal Lights
- Elevated Operator's Station
- ROPS/FOPS Level 1 Protection
- Multi-Function Joystick for Machine Direction Fwd / Rev and Loader Controls: Raise, Lower, Curl, and Dump
- Suspension Seat
- Large Steps and Grab Handles

DRIVE TRAIN

- Hydrostatic Drive with 100% Inching Pedal
- 100% Locking Differentials: Front and Rear
- Outboard Planetary Drives
- Two-Speed Travel
- Spring Applied Parking Brake
- Multi-Wet Disc Brake
- High Speed Travel 17.4 mph (28.0 km/h) (optional)
- 15 - 19.5 Heavy Duty Construction Tire Assembly (optional)

ELECTRICAL

- Electronic Engine Monitoring System Includes High Beam Indicator, Turn Signal Indicators, High Speed Indicator, Directional Lights Fwd / Rev
- 12 volt System with 55 amp Alternator
- Work Lights Front and Rear
- Driving Lights and Turn Signals
- Engine Preheat
- Back-up Alarm

HYDRAULIC & WORKING EQUIPMENT

- Priority Steering
- Auxiliary Hydraulic Lines Plumbed to the End of the Loader Arms
- Auxiliary Hydraulic Detent
- Hydraulic System Test Ports
- Hydraulic Oil Level Sight Gauge
- Loader Arm Float
- Heavy Duty Hydraulic SSL Style Quick Attach Coupler
- Z-Bar Linkage
- Bucket Float Function
- Heavy Duty Self Aligning Loader Bushings with Oversized Pins
- 76.5" General Purpose Bucket
- Bolt-on Reversible Cutting Edge for Bucket (optional)
- Flat Face Hydraulic Coupler Kit with case drain and pressure release knob



Spacious Cabin



Automotive Styled Interior

TOUGH, POWERFUL, RELIABLE



Construction Tires



Joystick Controls



Hyd. Quick Connect



Monitor Display

Compact and powerful the TW60 Series 2 wheel loader features a dedicated universal skid steer coupler that enables it to utilize a wide range of attachments for greater versatility and performance. Enhancing the convenience of the universal skid steer coupler is a standard pressure relieving coupler block located on the loader arms. The coupler block simplifies attachment exchanges by allowing the operator to quickly and easily relieve residual pressure in the auxiliary lines. The Z-Bar linkage delivers excellent breakout forces, lifting capabilities,

dump height, and reach allowing it to perform well in a wide range of applications. The operator's station features an automotive style interior, deluxe seat, standard HVAC system, and a multi-function joystick that controls directional changes (F-N-R), loader controls, and thumb wheel to control auxiliary hydraulics or the universal skid steer coupler. Serviceability is easy to perform with the large engine hood that opens overhead allowing quick access to key daily inspection points.



OPERATING PERFORMANCE

Operating Weight - Cab	10,692 lb	(4,850 kg)
Tipping Load, Straight	6,689 lb	(3,034 kg)
Tipping Load, Full Turn	5,906 lb	(2,679 kg)
Operating Capacity, SAE J818*	2,953 lb	(1,340 kg)
Bucket Breakout Force	6,294 lb	(2,855 kg)
Lift Arm Breakout Force	6,002 lb	(2,722 kg)
Traction Force	8,818 lb	(4,000 kg)
Travel Speed - Low Range	4.0 mph	(6.5 km/hr)
High Range	12.4 mph	(20.0 km/hr)
Optional High Speed Travel	17.4 mph	(28.0 km/hr)
Bucket Capacity 76"	1.19 cu yard	(1.0 cu meter)

* Rate Operating Capacity (ROC) for wheel loaders is rated with a bucket according to SAE J818 at no more than 50% of the full turn tipping load.

HYDRAULIC SYSTEM

Auxiliary Flow - Standard Flow	15.2 gpm	(57.5 Lpm)
System Operating Pressure	3,408 psi	(23.5 MPa)

ENGINE

Make/Model	Yanmar 4TNV86CHT-MAW	
Engine Displacement	128.0 cu in	(2.1 L)
Horsepower @ 2,300 rpm	61.2 hp	(45.6 kW)
Maximum Torque @ 1,800 rpm	146.0 ft-lb	(198.0 Nm)

FLUID CAPACITIES

Engine Lubrications	7.8 qt	(7.4 L)
Cooling System	8.9 qt	(8.5 L)
Fuel Tank Capacity	16.2 gal	(61.5 L)
Fuel Consumption (65% of Full Load)	3.4 gal/hr	(12.8 L/hr)
Hydraulic Reservoir Capacity	10.83 gal	(41.0 L)
Front Axle Lubrication	4.9 qt	(4.6 L)
Rear Axle Lubrication	4.6 qt	(4.4 L)



Z-Bar Linkage



ROPS / FOPS Level 1

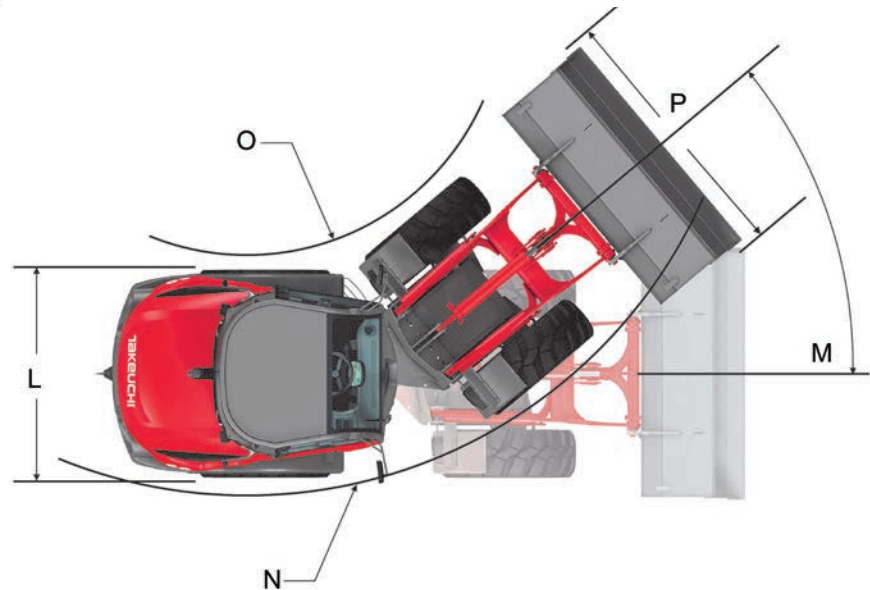
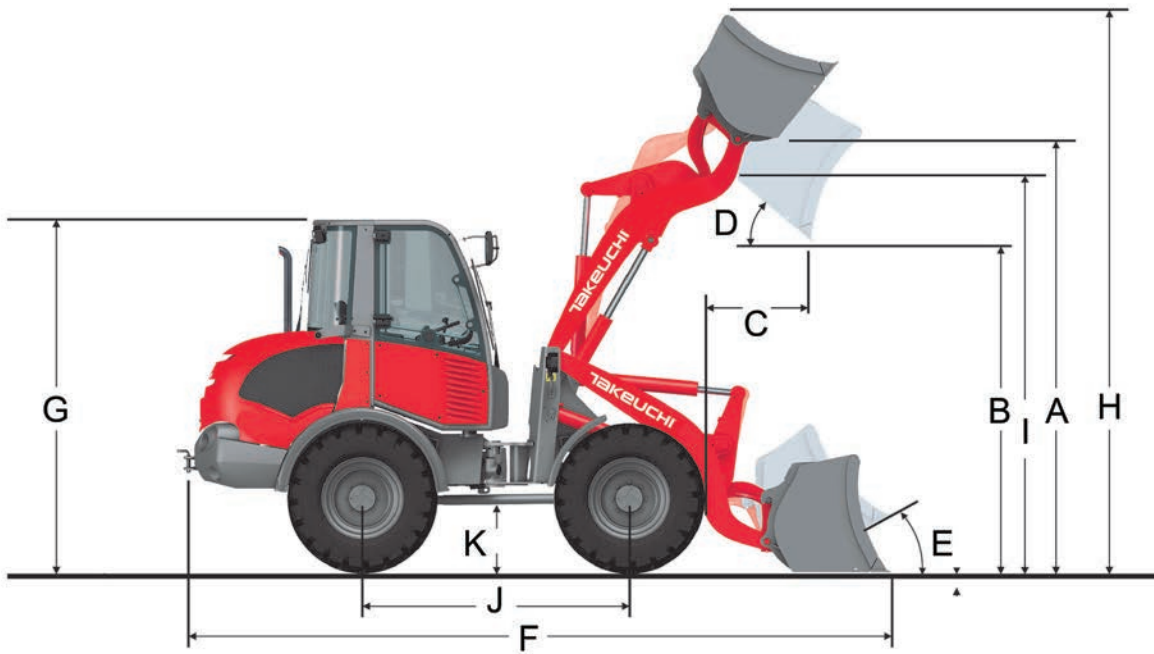


Road Lighting Package



Hydraulic Quick Coupler

TW60 Series 2 Wheel Loader



MACHINE DIMENSIONS

A	Max. Lift Height to Bucket Pin	10 ft 9.7 in	(3,294 mm)
B	Dump Height Fully Raised	7 ft 5.0 in	(2,263 mm)
C	Max. Reach Fully Raised	2 ft 2.4 in	(670 mm)
D	Dump Angle	46°	
E	Rollback Angle	43°	
F	Overall Length with Bucket	17 ft 7.1 in	(5,360 mm)
G	Overall Height	8 ft 6.4 in	(2,599 mm)
H	Overall Operating Height	12 ft 4.3 in	(3,766 mm)
I	Bucket Clearance Height	9 ft 8.7 in	(2,964 mm)
J	Wheel Base	6 ft 6.7 in	(2,000 mm)
K	Ground Clearance	20.5 in	(520 mm)
L	Overall Width without Bucket	6 ft 3.0 in	(1,905 mm)
M	Outside Turning Radius	12 ft 1.3 in	(3,690 mm)
N	Inside Turning Radius	6 ft 5.3 in	(1,840 mm)
O	Recommended Bucket Width	76.5 in	(1,943 mm)



2 YEAR
2,000 HOUR
FULL MACHINE
WARRANTY

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FORM: TW60 Series 2 Wheel Loader Spec Sheet - Jan. 2020

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