

OPERATING PERFORMANCE

Operating Weight	7,275 lbs (3,300 kg)
Tipping Load, Straight	5,842 lbs (2,650 kg)
Tipping Load, Full Turn	5,291 lbs (2,400 kg)
Rated Operating Capacity, SAE J818*	2,645 lbs (1,200 kg)
Bucket Breakout Force	7,126 lbs (3,232 kg)
Lift Arm Breakout Force	5,260 lbs (2,386 kg)
Traction Force	5,620 lbs (2,500 kg)
Cycle Time	
Raise Full Load	4.0 Seconds
Lower No Load	3.5 Seconds
Dump Full Load	1.0 Seconds

ENGINE

Make / Model	Perkins / 403D-15T
Tier Rating	Interim Tier 4
Cylinders / Displacement	3 / 91 cu in (1.49 L)
Horsepower Gross (ISO 14396)	39.4 hp (29.4 Kw)
Rated Engine Speed	2,800 rpm
Maximum Torque	82.6 ft-lb @ 1,800 rpm (112 Nm)
Engine Lubrication	3.1 qt (3.0 L)
Cooling System	6.3 qt (6.0 L)
Fuel Tank Capacity	18.5 gal (70 L)
Electrical System	12 volts / 65 amps

UNDERCARRIAGE

Transmission Type	Hydrostatic Drive with 100% Hydraulic Inching Pedal
Axle Type	Rigid Axles with Outboard Planetary Reduction
Traction Aid	45% Differential Lock in Front
Parking Brake	Lever Operated Drum Brake
Service Brakes	Hydrostatic with Hydraulic Drum Brake
Steering Articulation	40° Left / 40° Right
Frame Articulation	12° Left / 12° Right
Maximum Travel Speed	
Low	4 mph (6.5 km/hr)
High	12.4 mph (20 km/hr)

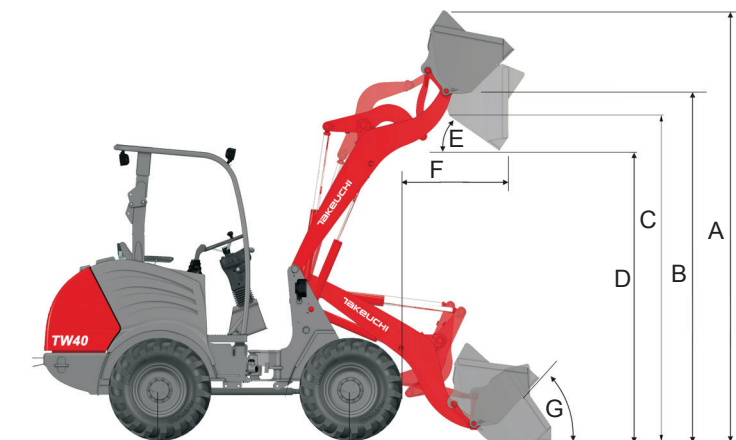
HYDRAULIC

Hydraulic Reservoir Capacity	7.4 gal (28 L)
Auxiliary Hydraulic Flow	10.3 gal/min (39 L/min)
System Operating Pressure	3,988 psi (27.5 MPa)



WORKING DIMENSIONS

A. Overall Operating Height	11 ft 10.3 in (3,615 mm)
B. Maximum Lift Height to Bucket Pin	9 ft 7.7 in (2,940 mm)
C. Bucket Clearance Height	9 ft 0 in (2,745 mm)
D. Dump Height Fully Raised	7 ft 8 in (2,340 mm)
E. Maximum Dump Angle Fully Raised	45°
F. Reach Fully Raised	2 ft 8.5 in (825 mm)
G. Maximum Bucket Rollback at Ground	48°



Product Features

ENGINE

- ◆ EPA Interim Tier 4 Compliant
- ◆ Water Cooled
- ◆ Extended Life Coolant
- ◆ Dual Element Air Cleaner with Restriction Indicator
- ◆ Heavy Duty Radiator and Oil Cooler

ELECTRICAL

- ◆ Electronic Engine Monitoring System, High Beam Indicator, Turn Signal Indicators, High Speed Indicator, Directional Lights Fwd / Rev
- ◆ 12 volt System with 65 amp Alternator
- ◆ Work Lights, Front and Rear
- ◆ Engine Preheat
- ◆ Back-Up Alarm

UNDERCARRIAGE AND FRAME

- ◆ Hydrostatic Drive with 100% Inching Pedal
- ◆ 45% Limited Slip Differential, Front
- ◆ Outboard Planetary Drives
- ◆ Two-Speed Travel
- ◆ Cable Operated Parking Brake
- ◆ Hydraulic Drum Service Brake
- ◆ Heavy Duty 31 x 15.5 - 15 Construction Tire Assembly

HYDRAULIC

- ◆ Priority Steering
- ◆ Auxiliary Hydraulic Lines Plumbed to the End of the Loader Arms
- ◆ Auxiliary Hydraulic Detent for Continuous Operation
- ◆ Hydraulic System Test Ports
- ◆ Hydraulic Oil Level Sight Gauge
- ◆ Loader Arm Float

WORKING EQUIPMENT

- ◆ Heavy Duty Hydraulic SSL Style Quick Attach Coupler
- ◆ Z-Bar Linkage
- ◆ Powerful Bucket and Lift Arm Breakout Forces
- ◆ Bucket Float Function
- ◆ Mechanical Bucket Positioning
- ◆ Heavy Duty Self Aligning Loader Bushings with Oversize Pins
- 60" High Capacity Bucket with SSL Hitch (0.66 yd³)
- Bolt on tooth bar for 60" bucket
- Bolt on reversible cutting edge for 60" bucket
- Flat Face Hydraulic Connector Kit

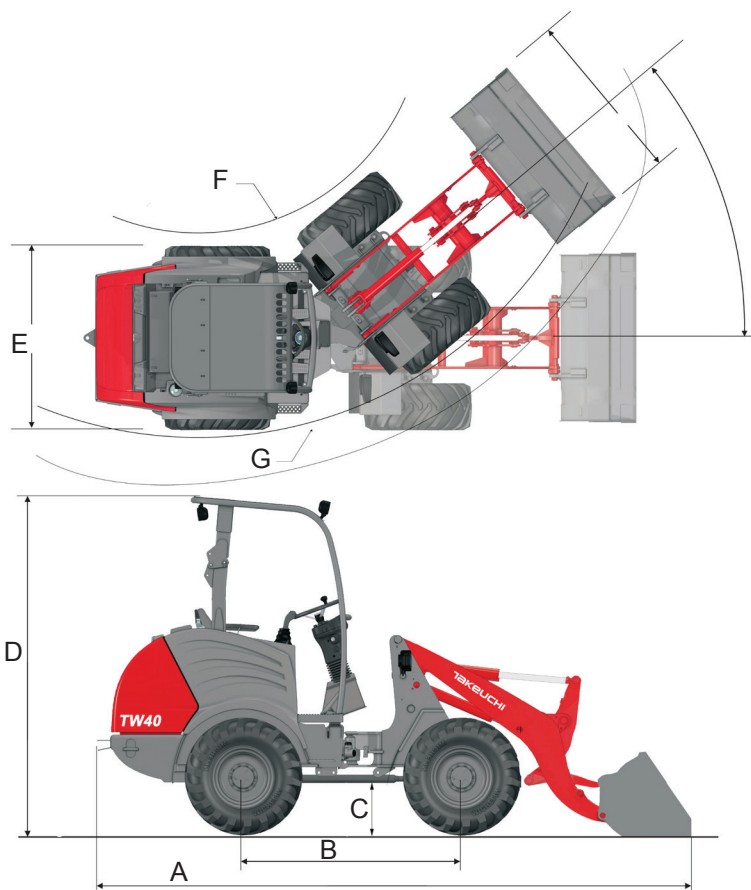
◆ - Standard ○ - Optional

OPERATOR'S STATION

- ◆ Fold Down ROPS / FOPS Guard
- ◆ Deluxe Lighting Package for Work, Driving and Signal Lights
- ◆ Large Steps and Grab Handles
- ◆ Elevated Operator's Station
- ◆ Multi-Function Joystick for Machine Direction Fwd / Rev and Loader Controls: Raise, Lower, Curl, Dump
- Optional Enclosed Cab with Heat and Front and Rear Wiper

MACHINE DIMENSIONS

A. Overall Length with Bucket	14 ft 3.4 in (4,355 mm)
B. Wheelbase	5 ft 7.5 in (1,715 mm)
C. Ground Clearance	1 ft 3.7 in (400 mm)
D. Overall Height	8 ft 0 in (2,447 mm)
E. Overall Width without Bucket	4 ft 11 in (1,500 mm)
F. Inside Turning Radius	5 ft 2.8 in (1,596 mm)
G. Outside Turning Radius	10 ft 4 in (3,150 mm)



TAKEUCHI
Those in the know, know Takeuchi