

Specifications

OPERATING PERFORMANCE

Operating Weight

Standard Machine with Bucket, Canopy

	8,708 lb (3,950 kg)
Tipping Load, Straight	6,790 lb (3,080 kg)
Tipping Load, Full Turn	5,975 lb (2,710 kg)
Rated Operating Capacity, SAE J818*	2,987 lb (1,355 kg)
Bucket Breakout Force	8,992 lb (4,079 kg)
Lift Arm Breakout Force	7,644 lb (3,467 kg)
Traction Force	8,543 lb (3,875 kg)
Cycle Time	
Raise Full Load	5.0 Seconds
Lower No Load	4.0 Seconds
Dump Full Load	1.5 Seconds

*Operating capacity is 50% of full turn tipping load with bucket according to SAE J818

ENGINE

Make/Model	Deutz /TD2009 Water Cooled
Tier Rating	Interim Tier 4
Cylinders/Displacement	4/140 cu in (2.29 L)
Horsepower Gross (SAE J1995)	57 hp (42 Kw)
Horsepower Net (SAE J1349)	53.6 hp (40 Kw)
Rated Engine Speed	2200 rpm
Maximum Torque	147.5 ft-lb @ 1500 rpm (200 Nm)
Engine Lubrication	10.6 qt (10 L)
Cooling System	4.8 qt (4.5 L)
Fuel Tank Capacity	16.2 gal (61.5 L)
Fuel Consumption (65% of Full Load)	1.9 gal/hr (7.2 L/hr)
Electrical System	12 volts/50 amp

DRIVE TRAIN

Transmission Type	Hydrostatic Drive with 100% Hydraulic Inching Pedal
Axle Type	Rigid Axles with Outboard Planetary Reduction
Differential Lock	100% Differential Lock in Front and Rear Axles
Parking Brake	Spring Applied Hydraulically Released Multiple Wet Friction Disc
Service Brakes	Hydrostatic and Multi Wet Friction Disc
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)

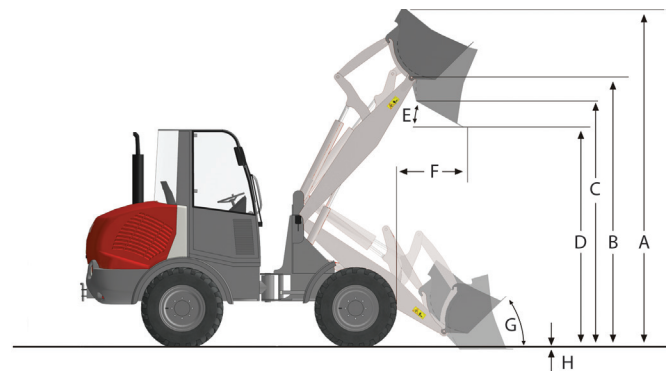
HYDRAULIC SYSTEM

Hydraulic Reservoir Capacity	15.9 gal (60 L)
Auxiliary Hydraulic Flow	14.5 gal/min (55 L/min)
System Operating Pressure	3,336 psi (23 mpa)



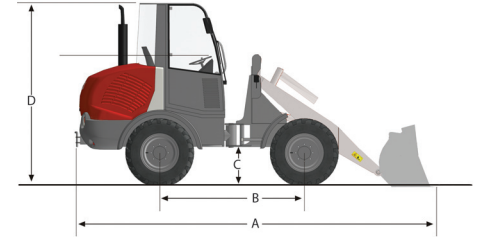
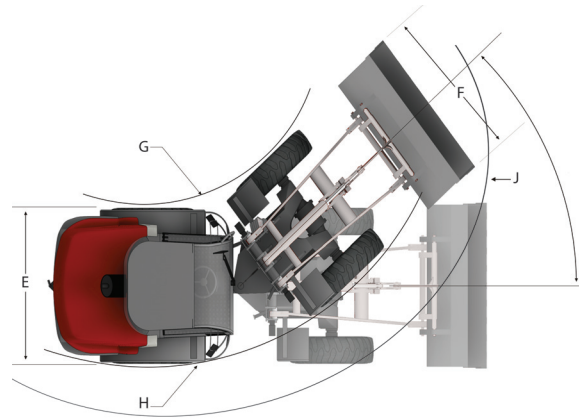
WORKING DIMENSIONS

A. Overall Operating Height	13 ft 5.6 in (4105 mm)
B. Maximum Lift Height to Bucket Pin	10 ft 8.7 in (3,270 mm)
C. Bucket Clearance Height	9 ft 7 in (2,920 mm)
D. Dump Height Fully Raised	8 ft 4 in (2,550 mm)
E. Maximum Dump Angle Fully Raised	45°
F. Reach Fully Raised	1 ft 4.8 in (427 mm)
G. Maximum Bucket Rollback at Ground	48°
H. Maximum Cut	3.46 in (88 mm)



MACHINE DIMENSIONS

A. Overall Length with Bucket	16 ft 10.4 in [5140 mm]
B. Wheelbase	6 ft 6 in [1,988 mm]
C. Ground Clearance	1 ft 5.3 in [440 mm]
D. Overall Height	8 ft 2 in [2,487 mm]
E. Overall Width without Bucket	5 ft 10 in [1,785 mm]
F. Recommended Bucket Width	71 in [1,803 mm]
G. Inside Turning Radius	6 ft 0 in [1,840 mm]
H. Outside Turning Radius	11 ft 10.6 in [3,622 mm]
J. Turning Radius Bucket Edge	13 ft 0 in [3,977 mm]



◆ - Standard

○ - Optional

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 with Fuel Gauge, High Beam Indicator, Turn Signal Indicators, High Speed Indicator
- ◆ 12 volt System with 50 amp Alternator
- ◆ Work Lights, Front and Rear
- ◆ Directional Lights Fwd/Rev
- ◆ Engine Preheat
- ◆ Back-Up Alarm

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 Disk Brake
- Heavy Duty Construction Tire Assembly
- Floatation Tire Assembly

HYDRAULIC

- ◆ Heavy Duty Hydraulic Quick Attach Coupler
- ◆ Auxiliary Hydraulic Lines Plumbed to the End of the Loader Arms
- ◆ Auxiliary Hydraulic Detent
- ◆ Hydraulic System Test Ports
- ◆ Hydraulic Oil Level Sight Gauge

WORKING EQUIPMENT

- ◆ Parallel Lift Geometry Provides Excellent Reach and Attachment Positioning
- ◆ Powerful Bucket and Lift Arm Breakout Forces Equal Outstanding Productivity
- ◆ Bucket Float Function
- ◆ Mechanical Bucket Positioning
- ◆ Heavy Duty Hydraulic Bucket Quick Coupler
- ◆ Heavy Duty Self Aligning Loader Bushings with Oversized Pins
- 71" GP Combo Bucket [1.11 yd³]
- 77" Construction Combo Bucket [1.05 yd³]
- Combo Hitch to Universal SSL Adaptor
- HD 48" Pallet Forks and Frame
- Flat Face Hydraulic Coupler Kit

OPERATOR'S STATION

- ◆ Spacious Operator's Cab Provides ISO Certified ROPS/FOPS Level 2 Protection for Added Peace of Mind
- ◆ 2 in Retractable Seat Belt
- ◆ Suspension Seat with Arm Rests
- ◆ Large Steps and Grab Handles Provide Easy Entry and Exit
- ◆ Elevated Operator's Station Provides Outstanding Visibility
- ◆ Multi-Function Joystick for Machine Direction Fwd/Rev and Loader Controls: Raise, Lower, Curl, Dump
- 3 in Seat Belt