

OPERATING PERFORMANCE

Operating Weight Maximum Digging Depth Maximum Dump Height Maximum Reach Maximum Bucket Breakout Force Maximum Arm Digging Force Arm Length Slew Speed Traction Force Cab 12,509 lbs (5,674 kg) 12 ft 9.4 in (3,895 mm) 13 ft 10.1 in (4,220 mm) 20 ft 6.9 in (6,270 mm) 12,756 lbs (5,786 kg) 5,752 lbs (2,609 kg) 5 ft 10.1 in (1,780 mm) 9.4 rpm 13,997 lbs (6,349 kg)

ENGINE

Yanmar / 4TNV86CT Make / Model Tier Rating EPA Tier 4 Cylinders / Displacement 4 / 127.6 cu in (2.1 L) Horsepower Net (ISO 14396) 47.6 hp (35.5 kW) Rated Engine Speed 2,400 rpm 149.1 ft-lb (202.2 Nm) @ 1,700 rpm Maximum Torque Engine Lubrication 7.8 qt (7.4 L) Cooling System 11.6 qt (11.0 L) Fuel Tank Capacity 20.8 gal (78.6 L) Fuel Consumption (65% of full load) 1.6 gal / hr (6.3 L / hr) Electrical System 12 volts / 55 amps

UNDERCARRIAGE

Traction Drive Type	Planetary Re	eduction w/ Automatic Shift
Parking Brake	Spring Applie	ed, Hydraulically Released,
		Multiple Wet Friction Disk
Track Roller Type Permanently Sealed, Triple Flanged Roller		
Track Rollers		5 per side
Track Width		15.7 in (400 mm)
Track Ground Contact Length		6 ft 8.7 in (2,050 mm)
Ground Pressure		4.51 psi (31.1 kPa)
Maximum Travel Speed		
Low Range		1.7 mph (2.8 km / hr)
High Range		3.0 mph (4.9 km / hr)

HYDRAULIC

Pump TypeTwo Piston Pumps with Two Gear PumpsTotal Hydraulic Flow45.3 gal / min (171.5 L / min)Primary Auxiliary Hydraulic Flow27.0 gal / min (102.2 L / min)Secondary Auxiliary Hydraulic Flow11.6 gal / min (43.9 L / min)System Operating Pressure3,480 psi (24,000 kPa)Hydraulic Reservoir Capacity12.9 gal (49.0 L)Hydraulic System Capacity23.8 gal (90.0 L)



WORKING DIMENSIONS

A. Maximum Reach	20 ft 6.9 in (6,270 mm)
B. Maximum Reach Ground Level	20 ft 1.4 in (6,160 mm)
C. Blade Maximum Lower	1 ft 4.9 in (430 mm)
D. Blade Maximum Lift	1 ft 4.9 in (430 mm)
E. Maximum Dig Height	19 ft 5.9 in (5,940 mm)
F. Maximum Dump Height	13 ft 10 in (4,220 mm)
G. Maximum Dig Depth	12 ft 9.4 in (3,895 mm)
H. Maximum Vertical Dig Depth	9 ft 9.3 in (2,980 mm)



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Product Features

ENGINE

- EPA Tier 4 Compliant with DPF
- Turbocharged
- Automatic Fuel Bleed System
- Extended Life Coolant
- Dual Element Air Cleaner
- Automatic Idle
- Engine Modes Include: Power, Eco and High Altitude
- Engine Preheat Starting Aid
- High Capacity Radiator
- High Capacity Fuel Filters

ELECTRICAL

- Multi-Information Display Includes Digital Gauges for Coolant Temperature, Fuel Level, Engine Speed, PM (Particulate Mater) Accumulation, and Lift Load Percentage
- Audible and/or Visual Alerts for Battery Level, Engine Oil Pressure, Fuel / Water Sensor, High Engine Coolant Temperature, Engine Air Filter Restriction, Fuel Filter Restriction, Low Fuel Level, Automatic Idle, Regeneration Status, Engine Preheat, Travel Speed Indicator, Work Light Indicator
- 12 volt System with 55 amp Alternator
- Multi-Function Switch Bank
- Work Lights: Front and Side Halogen
- Travel Alarm
- Horn

UNDERCARRIAGE AND FRAME

- Triple Flanged Track Rollers
- 2-Speed Travel with Automatic Shift
- High Torque Planetary Final Drive
- Heavy Duty Dozer Blade with Float
- Large Wrap Around Counterweight
- ♦ 15.7 in Rubber Tracks
- 15.7 in Steel Tracks
- 15.7 in Road Liner Style Tracks
- O Power Angle Blade with Float and Bolt on Cutting Edge

HYDRAULIC

- Variable Displacement, Pressure Compensating Pump
- Cushioned Boom, Arm and Swing Cylinders
- Precise and Responsive Pilot Controls with Proportional Slide Switch for Auxiliary Circuit
- Large Hydraulic Reservoir with Fluid Level Sight Gauge
- Primary and Secondary Auxiliary Hydraulic Circuit Plumbed to Arm
- Selectable One-Way and Two-Way Auxiliary Operation
- Auxiliary Detent (Primary Circuit)
- Primary Auxiliary Circuit with 3 Selectable Modes and In Cab Flow Adjustments
- Secondary Auxiliary Circuit with Adjustable Flow Control System
- Pilot Accumulator
- High Capacity Side-by-Side Hydraulic Oil Cooler and Radiator

Standard
Optional

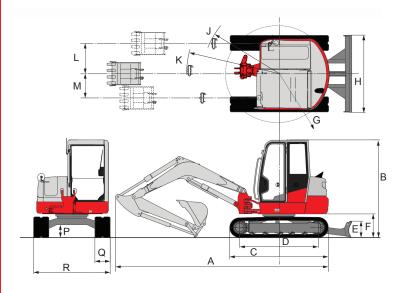
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OPERATOR STATION

- Cab with Certified ROPS / FOPS Protection
- ♦ 8-Way Adjustable Cloth High Back Suspension Seat
- Quick Change Control Pattern (ISO or SAE)
- Top View Glass with Retractable Sunshade
- AM / FM / MP3 Radio
- Climate Control System for Air-Conditioning, Heat and Defrost
- 2 in Retractable Seat Belt
- 3 in Retractable Seat Belt

MACHINE DIMENSIONS

A. Transport Length 18 ft 2.5 in (5,550 mm) B. Transport Height 8 ft 6.4 in (2,600 mm) C. Undercarriage Length 8 ft 5.5 in (2,575 mm) D. Track Ground Contact 6 ft 8.7 in (2,050 mm) E. Dozer Blade Height 1 ft 5 in (430 mm) F. Counter Weight Ground Clearance 2 ft 0.0 in (635 mm) G. Tail Swing (Slew) Radius 4 ft 3.1 in (1,300 mm) H. Dozer Blade Width 6 ft 6.7 in (2,000 mm) J. Min. Front Radius (Offset) 6 ft 5.8 in (1,975 mm) K. Min. Front Radius (Straight) 7 ft 11.3 in (2,420 mm) L. Offset Working Distance (Right) 2 ft 6.9 in (785 mm) @ 55° M. Offset Working Distance (Left) 2 ft 1.8 in (655 mm) @ 78° P. Ground Clearance 13.0 in (330 mm) Q. Track Shoe Width 15.7 in (400 mm) R. Overall Width 6 ft 6.7 in (2,200 mm)





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