OPERATING PERFORMANCE

Operating Weight
Cab Rubber 18,780 lbs (8,518 kg)
Cab Steel 19,604 lbs (8,892 kg)

Maximum Digging Depth
15 ft 0 in (4,570 mm)

Maximum Dump Height
17 ft 3 in (5,270 mm)

Maximum Reach
24 ft 5 in (7,435 mm)

Maximum Bucket Digging Force
16,565 lbs (7,514 kg)

Maximum Arm Digging Force
8,138 lbs (3,691 kg)

Arm Length
7 ft 0 in (2,130 mm)

Slew Speed
10.3 rpm

Traction Force
19,783 lbs (8,973 kg)

ENGINE

Make / Model
Yanmar / 4TNV98 - Turbo

Tier Rating
EPA Interim Tier 4

Cylinders / Displacement
4 / 202 cu in (3.3 L)

Horsepower Gross (SAE J1995)
69.2 hp (51.6 Kw)

Horsepower Net (SAE 1349)
66.5 hp (49.6 Kw)

Rated Engine Speed
2,000 rpm

Maximum Torque
223 ft-lb @ 1,475 rpm (302 Nm)

Engine Lubrication
10.8 qt (10.2 L)

Cooling System
14.8 qt (14.0 L)

Fuel Tank Capacity
33.8 gal (128.0 L)

Fuel Consumption (65% of full load)
2.6 gal / hr (9.9 L / hr)

Electrical System
12 volts / 80 amps

UNDERCARRIAGE

Traction Drive Type
Planetary Reduction and Auto Shift Down

Parking Brake
Spring Applied, Hydraulically Released, Multiple Wet Friction Disc

Track Roller Type
Permanently Sealed, Triple Flanged Rollers

Track Rollers (per side)
5 per side

Track Width
Rubber 17.7 in (450 mm)

Steel 21.7 in (550 mm)

Track Ground Contact Length
7 ft 3 in (2,210 mm)

Ground Pressure
Rubber 5.5 psi (37.9 kPa)

Steel 4.8 psi (33.1 kPa)

Maximum Travel Speed
Low Range
1.6 mph (2.6 km / hr)

High Range
3.1 mph (5.0 km / hr)

HYDRAULIC

Pump Type
Load Sensing Piston Pump

Total Hydraulic Flow
62.5 gal / min (236.6 L / min)

Primary Auxiliary Hydraulic Flow
26.4 gal / min (100.0 L / min)

Secondary Auxiliary Hydraulic Flow
14.5 gal / min (55.0 L / min)

System Operating Pressure
3,990 psi (27.5 MPa)

Hydraulic Reservoir Capacity
19.3 gal (73.0 L)

Hydraulic System Capacity
37.0 gal (140.0 L)

LIFT CAPACITIES

9 ft 10 in (3.0 m) Radius

+6.6 ft (2.0 m)
7,709 lbs (3,497 kg)
5,858 lbs (2,657 kg)

Ground Level
8,615 lbs (3,908 kg)
5,109 lbs (2,317 kg)

-3.3 ft (1.0 m)
10,798 lbs (4,898 kg)
5,078 lbs (2,303 kg)

WORKING DIMENSIONS

A. Maximum Reach
24 ft 5 in (7,435 mm)

B. Maximum Reach Ground Level
23 ft 11 in (7,290 mm)

C. Blade Maximum Lower
1 ft 7 in (490 mm)

D. Blade Maximum Lift
1 ft 8 in (520 mm)

E. Maximum Dig Height
24 ft 0 in (7,305 mm)

F. Maximum Dump Height
17 ft 3 in (5,270 mm)

G. Maximum Dig Depth
15 ft 0 in (4,570 mm)

H. Maximum Vertical Dig Depth
12 ft 6 in (3,805 mm)
ENGINE
- EPA Interim Tier 4 Compliant
- Turbocharged
- Automatic Fuel Bleed System
- Extended Life Coolant
- Dual Element Air Cleaner
- Automatic Idle
- Selectable Work Modes
- Automatic Preheat
- Large Capacity Radiator
- High Capacity Fuel Filters

ELECTRICAL
- Analog or Digital Gauges for Coolant Temperature, Fuel Level, Hour Meter, Trip Meter, Tachometer and Voltmeter
- Audible and/or Visual Indicators for Battery Voltage, Coolant Temperature, Oil Pressure, Air Filter Restriction, Pre-Heat, Lift Alarm, Automatic Idle, Fuel / Water, Economy Mode, Work Mode, High Speed Travel, Blade Float
- 12 volt System with 80 amp Alternator
- Multi Function Switch Bank
- Work Lights: Front and Side Halogen
- Travel Alarm
- Horn

UNDERCARRIAGE AND FRAME
- Triple Flanged Track Rollers
- Automatic Track Tensioner
- 2-Speed Travel with Automatic Shift
- High Torque Planetary Final Drive
- Heavy Duty Dozer Blade with Float
- Large Wrap Around Counterweight
- 17.7 in Rubber Tracks
- 21.7 in Steel Tracks
- Power Angle Blade with Float

HYDRAULIC
- Load Sensing Hydraulic System
- 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 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

WORKING EQUIPMENT
- Dual Boom Cylinders
- Boom Holding Valve with Lift Alarm
- Long Arm with Integrated Thumb Mount
- Adjustable Bucket Linkage
- Dual Position Bucket
- Heavy Duty Adjustable Bucket Coupler
- Main Pin Hydraulic Thumb

OPERATOR’S STATION
- Cab with Certified ROPS / FOPS Protection
- 10-Way Adjustable Cloth Covered High Back Suspension Seat
- Quick Change Control Pattern (ISO or SAE)
- AM / FM / MP3 Radio
- Automatic Climate Control System for Air-Conditioning and Heat
- 2 in Retractable Seat Belt
- 3 in Seat Belt

MACHINE DIMENSIONS
A. Transport Length 21 ft 10 in (6,660 mm)
B. Transport Height 8 ft 5 in (2,565 mm)
C. Undercarriage Length 9 ft 4 in (2,855 mm)
D. Track Ground Contact Length 7 ft 3 in (2,210 mm)
E. Dozer Blade Height 1 ft 8 in (500 mm)
F. Counter Weight Ground Clearance 2 ft 7 in (785 mm)
G. Tail Swing (Slew) Radius 5 ft 5 in (1,650 mm)
H. Dozer Blade Width 7 ft 7 in (2,300 mm)
J. Minimum Front Radius (Offset) 6 ft 8 in (2,030 mm)
K. Minimum Front Radius (Straight) 8 ft 2 in (2,495 mm)
L. Offset Working Distance (Right) 2 ft 5 in (730 mm) @ 60°
M. Offset Working Distance (Left) 2 ft 9 in (845 mm) @ 70°
P. Ground Clearance 1 ft 3 in (385 mm)
Q. Track Width (Rubber) 17.7 in (450 mm)
R. Track Width (Steel) 21.7 in (550 mm)
R. Undercarriage Width (Rubber) 7 ft 3 in (2,200 mm)
R. Undercarriage Width (Steel) 7 ft 7 in (2,300 mm)