

OPERATING PERFORMANCE

Operating Weight	
Cab Rubber	18,810 lbs (8,530 kg)
Cab Steel	19,240 lbs (8,730 kg)
Maximum Digging Depth	14 ft 11 in (4,540 mm)
Maximum Dump Height	14 ft 8.4 in (4,480 mm)
Maximum Reach	23 ft 7.2 in (7,195 mm)
Maximum Bucket Breakout Force	16,335 lbs (7,409 kg)
Maximum Arm Digging Force	7,037 lbs (3,192 kg)
Arm Length	6 ft 7 in (2,000 mm)
Slew Speed	10.0 rpm
Traction Force	19,783 lbs (8,973 kg)

ENGINE

Make / Model	Yanmar / 4TNV98CT
Tier Rating	EPA Final Tier 4
Cylinders / Displacement	4 / 202 cu in (3.3 L)
Horsepower	69.2 hp (51.6 kW)
Rated Engine Speed	2,000 rpm
Maximum Torque	227.2 ft-lb @ 1,300 rpm (308 Nm)
Engine Lubrication	9.9 qt (9.4 L)
Cooling System	14.8 qt (14.0 L)
Fuel Tank Capacity	26.3 gal (100.0 L)
Fuel Consumption (65% of full load)	2.4 gal / hr (9.1 L / hr)
Electrical System	12 volts / 80 amps

UNDERCARRIAGE

Traction Drive Type	Planetary Reduction and Auto Shift Down
Parking Brake	Spring Applied, Hydraulically Released
Track Roller Type	Permanently Sealed, Triple Flanged
Track Rollers	5 per side
Track Width	17.7 in (450 mm)
Track Ground Contact Length	7 ft 3 in (2,210 mm)
Ground Pressure	
Rubber	5.5 psi (38.1 kPa)
Steel	5.7 psi (39.5 kPa)
Maximum Travel Speed	
Low Range	1.7 mph (2.7 km / hr)
High Range	3.2 mph (5.2 km / hr)

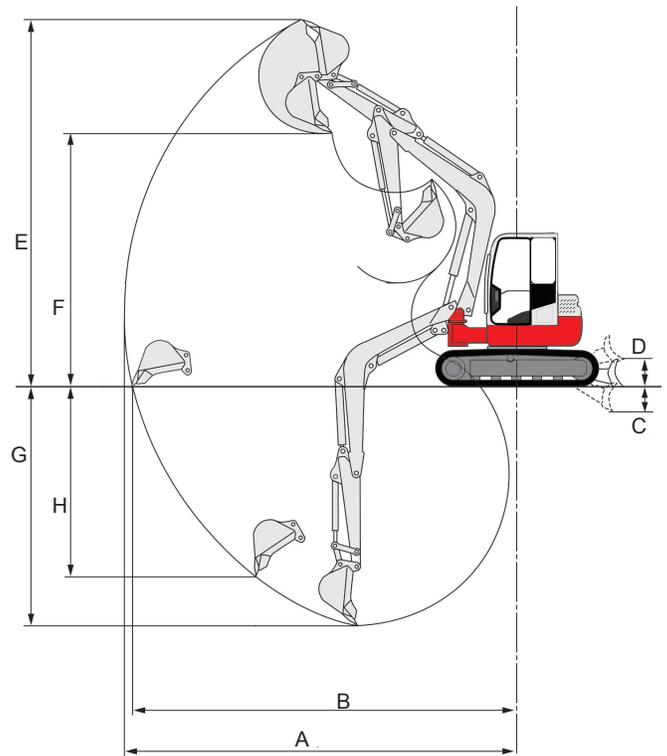
HYDRAULIC

Pump Type	Twin Variable Displacement Piston Pumps with Two Gear Pumps
Total Hydraulic Flow	52.5 gal / min (198.0 L / min)
Primary Auxiliary Hydraulic Flow	39.0 gal / min (148.0 L / min)
Secondary Auxiliary Hydraulic Flow	15 gal / min (58.0 L / min)
System Operating Pressure	3,990 psi (27.5 MPa)
Hydraulic Reservoir Capacity	18.7 gal (71.0 L)
Hydraulic System Capacity	31.7 gal (120.0 L)



WORKING DIMENSIONS

A. Maximum Reach	23 ft 7.0 in (7,195 mm)
B. Maximum Reach Ground Level	23 ft 1.0 in (7,045 mm)
C. Blade Maximum Lower	1 ft 7.2 in (440 mm)
D. Blade Maximum Lift	1 ft 8.6 in (525 mm)
E. Maximum Dig Height	21 ft 2.0 in (6,465 mm)
F. Maximum Dump Height	14 ft 8.4 in (4,480 mm)
G. Maximum Dig Depth	14 ft 11 in (4,540 mm)
H. Maximum Vertical Dig Depth	11 ft 5.5 in (3,495 mm)



Product Features

ENGINE

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

ELECTRICAL

- ◆ Multi-Information Display Includes Digital Gauges for Coolant Temperature, Fuel Level, Engine Speed, PM (Particulate Matter) 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, Blade Float Indicator
- ◆ 12 volt System with 80 amp Alternator
- ◆ Multi Function Switch Bank
- ◆ Work Lights: Boom
- ◆ Engine Preheat
- ◆ Travel Alarm and Horn

UNDERCARRIAGE AND FRAME

- ◆ Triple Flanged Track Rollers
- ◆ Automatic Track Tensioner
- ◆ Two-Speed Travel with Automatic Shift
- ◆ Heavy Duty Dozer Blade
- ◆ Large Wrap Around Counterweight
- ◆ 17.7" Rubber Tracks
- 17.7" Steel Tracks
- 17.7" Road Liner Tracks

HYDRAULIC

- ◆ Cushioned Main Boom, Arm, and Offset Cylinders
- ◆ Precise and Responsive Pilot Controls with Proportional Slide Switches for Auxiliary Circuit
- ◆ 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
- ◆ Second Auxiliary Circuit with Adjustable Flow Control
- ◆ Pilot Accumulator
- ◆ High Capacity Side-by-Side Hydraulic Oil Cooler and Radiator

WORKING EQUIPMENT

- ◆ Main Boom Cylinder Guard
- ◆ Patented Side-to-Side (STS) Offset Boom System
- ◆ Long Arm
- ◆ Boom Holding Valve with Lift Overload Alarm
- Dual Pin Position Bucket
- Mechanical Bucket Quick Coupler
- Main Pin Hydraulic Thumb

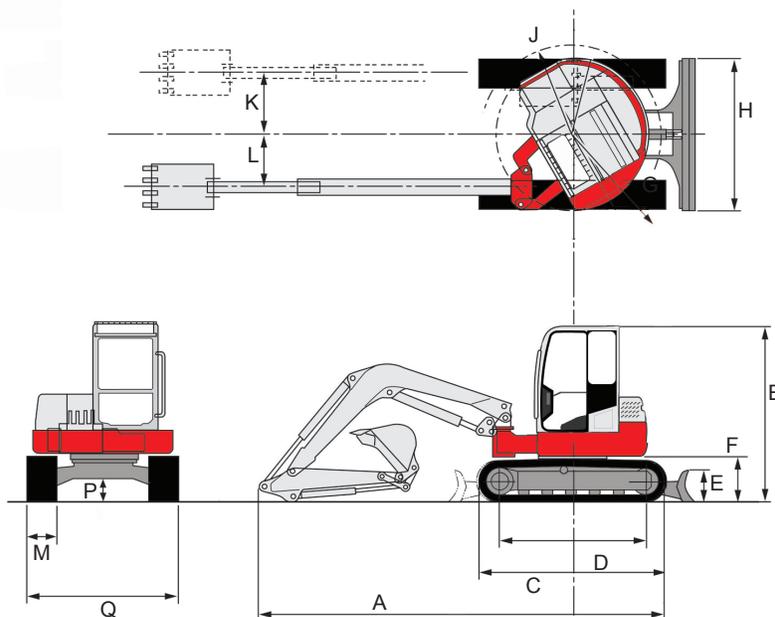
OPERATOR'S STATION

- ◆ Enclosed Cab with Air Conditioner, Heat, Defrost, Wiper, Cab and Boom Work Lights, AM / FM / MP3 Radio, Retractable Window, Removable Bottom Glass, Cup Holder and Storage Compartments
- ◆ Tilt-up Operator Station
- ◆ Deluxe Suspension Seat Features Fore and Aft, and Tilt
- ◆ Quick Change Control Pattern (ISO or SAE)
- ◆ Proportional Slide Switch for Auxiliary Hydraulics
- ◆ 2" Retractable Seat Belt
- 3" Retractable Seat Belt

◆ - Standard ○ - Optional

MACHINE DIMENSIONS

A. Transport Length	20 ft 7.4 in (6,285 mm)
B. Transport Height	8 ft 11.4 in (2,725 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 7.6 in (500 mm)
F. Counter Weight Ground Clearance	2 ft 4 in (715 mm)
G. Tail Swing (Slew) Radius	4 ft 2.4 in (1,280 mm)
H. Dozer Blade Width	7 ft 7 in (2,300 mm)
J. Min. Front Radius	5 ft 3.5 in (1,610 mm)
K. Offset Working Distance (Right)	3 ft 1.2 in (945 mm) @ 15°
L. Offset Working Distance (Left)	2 ft 7.6 in (805 mm) @ 30°
M. Track Width (Rubber)	17.7 in (450 mm)
P. Ground Clearance	1 ft 0.3 in (315 mm)
Q. Undercarriage Width	7 ft 7 in (2,300 mm)



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