

## Specifications

### OPERATING PERFORMANCE

Operating Weight (w 165 lb operator)	Cab
	Rubber 18,780 lb (8,518 kg)
	Steel 19,604 lb (8,892 kg)
Maximum Digging Depth	15 ft 0 in (4,570 mm)
Maximum Dump Height	17 ft 3 in (5,270 mm)
Maximum Digging Radius	24 ft 5 in (7,435 mm)
Maximum Bucket Digging Force	16,568 lb (7,515 kg)
Maximum Arm Digging Force	8,138 lb (3,691 kg)
Arm Length	7 ft 0 in (2,130 mm)
Slew Speed	10.3 rpm
Traction Force (lbs)	19,783 lb (8,973 kg)
Sound Level [noise]	73 dB[A]

### ENGINE

Make/Model	Yanmar 4TNV98T
Tier Rating	EPA Interim Tier 4
Cylinders/Displacement	4/202 cu in (3.3L)
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 (10.2L)
Cooling System	14.8 qt (14.0L)
Fuel Tank Capacity	33.8 gal (128L)
Fuel Consumption (65% of full load)	2.6 gal/hr (9.9L/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 rollers
Track Rollers (per side)	5
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
	Steel 4.8 psi
Maximum Travel Speed	
Low Range	1.6 mph (2.6 km/hr)
High Range	3.1 mph (5.0 km/hr)

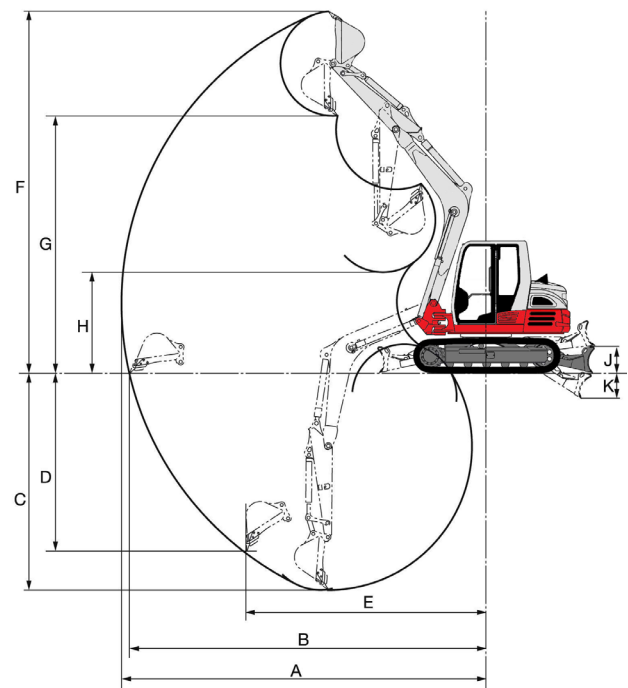
### HYDRAULIC SYSTEM

Pump Type	Load Sensing Piston Pump
Total Hydraulic Flow (gpm)	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)
Main Relief Hydraulic Pressure	3,990 psi (27.5 mpa)
Hydraulic Reservoir Capacity	19.3 gal (73.0 L)
Hydraulic System Capacity	37.0 gal (140 L)



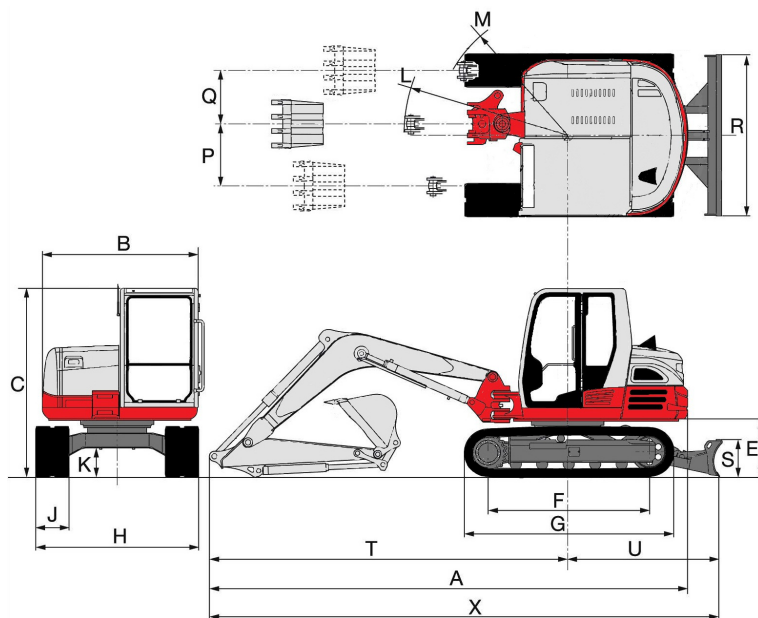
### WORKING DIMENSIONS

A. Max reach	24 ft 5 in (7,435 mm)
B. Max Reach Ground Level	23 ft 11 in (7,290 mm)
C. Max Dig Depth	15 ft 0 in (4,570 mm)
D. Max Vertical Dig Depth	12 ft 6 in (3,805 mm)
E. Reach at Vertical Dig Depth	15 ft 7 in (4,755 mm)
F. Max Dig Height	24 ft 0 in (7,305 mm)
G. Max Dump Height	17 ft 3 in (5,270 mm)
H. Min Dump Height	5 ft 5 in (1,650 mm)
J. Blade Max Lift	1 ft 8 in (520 mm)
K. Blade Max Lower	1 ft 7 in (490 mm)



**MACHINE DIMENSIONS**

A. Transport Length	21 ft 10 in [6,660 mm]
B. Upper Body Width	7 ft 0 in [2,140 mm]
C. Transport Height	8 ft 5 in [2,565 mm]
D. Tail Swing (Slew) Radius	5 ft 5 in [1,650 mm]
E. Counter Weight Ground Clearance	2 ft 7 in [785 mm]
F. Track Ground Contact	7 ft 3 in [2,210 mm]
G. Undercarriage Length	9 ft 4 in [2,855 mm]
H. Undercarriage Width (Rubber)	7 ft 3 in [2,200 mm]
J. Track Shoe Width (Rubber)	17.7 in [450 mm]
J. Track Shoe Width (Steel)	21.7 in [550 mm]
K. Ground Clearance	1 ft 3 in [385 mm]
L. Min. Front Radius (Straight)	8 ft 2 in [2,495 mm]
M. Min. Front Radius (Offset)	6 ft 8 in [2,030 mm]
P. Offset Working Distance (Left)	2 ft 9 in [845 mm] @ 70°
Q. Offset Working Distance (Right)	2 ft 5 in [730 mm] @ 60°
R. Dozer Blade Width	7 ft 7 in [2,300 mm]
S. Dozer Blade Height	1 ft 8 in [500 mm]
T. Boom Length from Center	16 ft 6 in [5,020 mm]
U. Blade Length from Center	6 ft 9 in [2,055 mm]
X. Total Length with Blade at Rear	23 ft 3 in [7,075 mm]



✦ - Standard

⦿ - Optional

# Product Features

**ENGINE**

- ✦ EPA Interim Tier 4 Compliant
- ✦ Turbocharged
- ✦ Automatic Idle
- ✦ Selectable Work Modes
- ✦ Automatic Preheat
- ✦ Extended Life Coolant
- ✦ Large Capacity Radiator
- ✦ High Capacity Fuel Filters
- ✦ Automatic Fuel Bleed System
- ✦ Dual Air Filters

**ELECTRICAL**

- ✦ Easy to see instrumentation with: hour meter, fuel gauge coolant temperature gauge along with audible and visual indicators for low engine oil pressure, high engine coolant temperature, air filter restriction, charging system voltage
- ✦ 12v/80a Alternator
- ✦ Multi Function Switch Bank
- ✦ Front and Side Halogen Lights
- ✦ Travel Alarm
- ✦ Horn

**UNDERCARRIAGE AND FRAME**

- ✦ Triple Flange 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" Wide Rubber Tracks
- ⦿ 21.7" Steel Tracks

**HYDRAULIC**

- ✦ Load Sensing Hydraulic System
- ✦ Cushioned Boom and Arm Cylinders
- ✦ Precision and Responsive Pilot Controls
- ✦ Large Capacity Hydraulic Oil Cooler
- ✦ Primary Auxiliary circuit with 1-Way and 2-Way Operation Plumbed to the Arm
- ✦ Primary Auxiliary Circuit with 3 Selectable Modes and In-Cab Flow Adjustments
- ✦ Secondary Auxiliary Circuit with Adjustable Flow Control System
- ✦ Auxiliary Detent (Primary Circuit)

**WORKING EQUIPMENT**

- ✦ Dual Boom Cylinders
- ✦ Boom Holding Valve with Lift Alarm
- ✦ Integrated Thumb Mount
- ✦ Heavy Duty, Easy Adjust 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)
- ✦ Electro-Hydraulic Proportional Thumb Control of Auxiliary
- ✦ Hydraulic Functions
- ✦ AM/FM/MP3 Radio
- ✦ Automatic Climate Control System for Air-Conditioning and Heat
- ✦ 2" Seat Belt
- ⦿ 3" Seat Belt