

OPERATING PERFORMANCE

Operating Weight	Canopy 8,355 lbs (3,790 kg)
Standard machine w/ bucket and rubber tracks	Cab 8,535 lbs (3,870 kg)
Maximum Digging Depth	10 ft 11 in (3,325 mm)
Maximum Dump Height	12 ft 8 in (3,860 mm)
Maximum Reach	18 ft 0 in (5,485 mm)
Maximum Bucket Breakout Force	8,955 lbs (4,062 kg)
Maximum Arm Digging Force	4,125 lbs (1,871 kg)
Arm Length	5 ft 3 in (1,600 mm)
Slew Speed	9.8 rpm
Traction Force	8,871 lbs (4,024 kg)

ENGINE

Make / Model	Yanmar / 3TNV88
Tier Rating	Interim Tier 4
Cylinders / Displacement	3 / 100 cu in (1.6 L)
Horsepower Gross (SAE J1995)	29.8 hp (22.2 Kw)
Horsepower Net (SAE 1349)	28.8 hp (21.5 Kw)
Rated Engine Speed	2,400 rpm
Maximum Torque	79 ft-lb @ 1,440 rpm (107.1 Nm)
Engine Lubrication	5.0 qt (4.7 L)
Cooling System	6.3 qt (5.9 L)
Fuel Tank Capacity	10.6 gal (40.0 L)
Fuel Consumption (65% of full load)	1.4 gal / hr (5.2 L / hr)
Electrical System	12 volts / 40 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	4 per side
Track Width	13.8 in (350 mm)
Track Ground Contact Length	5 ft 5 in (1,655 mm)
Ground Pressure	Canopy 4.35 psi Cab 4.42 psi
Maximum Travel Speed	
Low Range	1.6 mph (2.5 km / hr)
High Range	3.0 mph (4.9 km / hr)

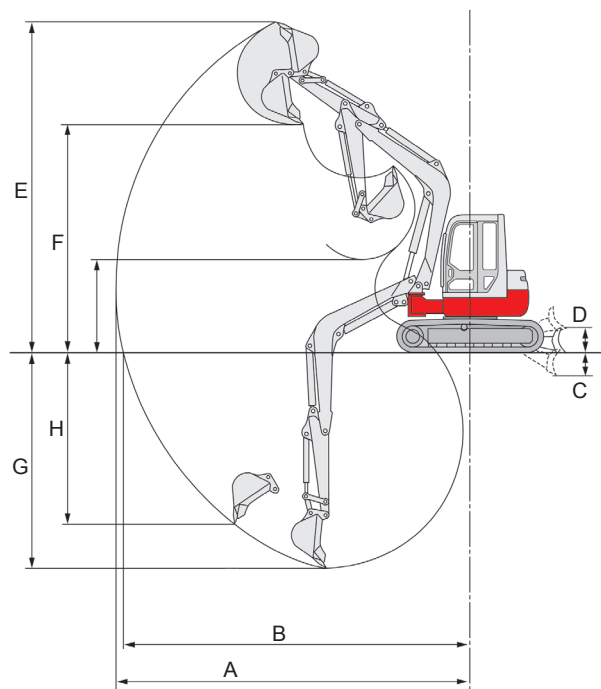
HYDRAULIC

Pump Type	Twin Variable Displacement Piston Pumps with Two Gear Pumps
Total Hydraulic Flow	28.3 gal / min (107.0 L / min)
Auxiliary Hydraulic Flow	15.6 gal / min (59.1 L / min)
System Operating Pressure	3,000 psi (20.6 mpa)
Hydraulic Reservoir Capacity	11.0 gal (41.3 L)
Hydraulic System Capacity	18.0 gal (68.1 L)



WORKING DIMENSIONS

A. Maximum reach	18 ft 0 in (5,485 mm)
B. Maximum Reach Ground Level	17 ft 7 in (5,360 mm)
C. Blade Maximum Lower	11.4 in (290 mm)
D. Blade Maximum Lift	1 ft 2 in (355 mm)
E. Maximum Dig Height	16 ft 11 in (5,155 mm)
F. Maximum Dump Height	12 ft 8 in (3,860 mm)
G. Maximum Dig Depth	10 ft 11 in (3,325mm)
H. Maximum Vertical Dig Depth	6 ft 9 in (2,050 mm)



Product Features

ENGINE

- ◆ EPA Interim Tier 4 Compliant
- ◆ Automatic Fuel Bleed System
- ◆ Extended Life Coolant
- ◆ Dual Element Air Cleaner

ELECTRICAL

- ◆ Electronic Monitoring System that Includes Visual and Audible Alarms for Low Oil Pressure, High Engine Coolant Temperature, Air Cleaner Restriction, and Charge Level
- ◆ 12 volt System with 40 amp Alternator
- ◆ Work Lights: Canopy - ROPS and Boom
Cab - Front Pillar and Boom
- ◆ Engine Preheat
- ◆ Hour Meter
- ◆ Travel Alarm

UNDERCARRIAGE AND FRAME

- ◆ Triple Flange Track Rollers
- ◆ Sloped Frame with Open Centers
- ◆ 2-Speed Travel with Automatic Shift
- ◆ Heavy Duty Dozer Blade
- ◆ Cast Iron Wrap Around Protective Counterweight
- ◆ 13.8" Rubber or Steel Tracks

HYDRAULIC

- ◆ Cushioned Boom and Arm Cylinders
- ◆ Pilot Controls
- ◆ Primary Auxiliary Hydraulic Circuit Plumbed to Arm with 1-Way and 2-Way Operation
- ◆ Accumulator
- ◆ Hydraulic Oil Cooler with Sight Gauge

WORKING EQUIPMENT

- ◆ Main Boom Cylinder Guard
- ◆ Patented Side-to-Side (STS) Offset Boom
- Long Arm
- Dual Pin Position Bucket
- Mechanical Bucket Quick Coupler
- Main Pin Hydraulic Thumb

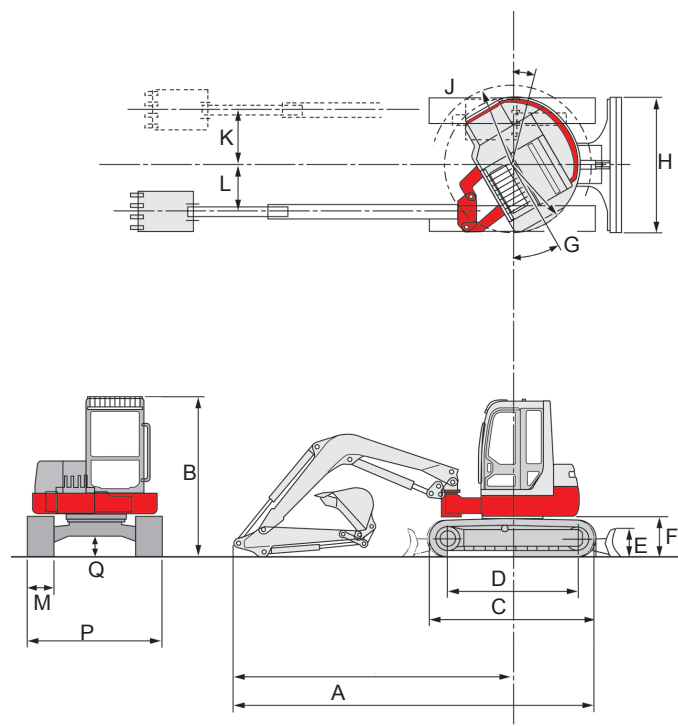
OPERATOR'S STATION

- ◆ ROPS / TOPS / FOPS Four Post Canopy
- ◆ Tilt-up Operator Station
- ◆ Six Way Adjustable Suspension Seat with Adjustable Arm Rests
- ◆ Quick Change Control Pattern (ISO or SAE)
- ◆ Proportional Slide Switch for Auxiliary Hydraulics
- ◆ 2" Retractable Seat Belt
- 3" Seat Belt
- Cab with Air Conditioner, Heat, Defrost, Windshield Wiper and Washer, AM / FM / MP3 Radio

◆ - Standard ○ - Optional

MACHINE DIMENSIONS

A. Transport Length	15 ft 8 in (4,770 mm)
B. Transport Height	8 ft 5 in (2,565 mm)
C. Undercarriage Length	6 ft 11 in (2,110 mm)
D. Track Ground Contact Length	5 ft 5 in (1,655 mm)
E. Dozer Blade Height	1 ft 3.6 in (396 mm)
F. Counterweight Ground Clearance	1 ft 11.8 in (605 mm)
G. Tail Swing (Slew) Radius	3 ft 2 in (955 mm)
H. Dozer Blade Width	5 ft 8.5 in (1,740 mm)
J. Minimum Front Radius	4 ft 9 in (1,460 mm)
K. Offset Working Distance (Right) @ 15°	2 ft 4.7 in (730 mm)
L. Offset Working Distance (Left) @ 30°	2 ft 3.6 in (700 mm)
M. Track Width (Rubber)	13.8 in (350 mm)
P. Width	5 ft 8.5 in (1,740 mm)
Q. Ground Clearance	11.6 in (295 mm)



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