

OPERATING PERFORMANCE

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|--|-----------------------------|
| 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) |

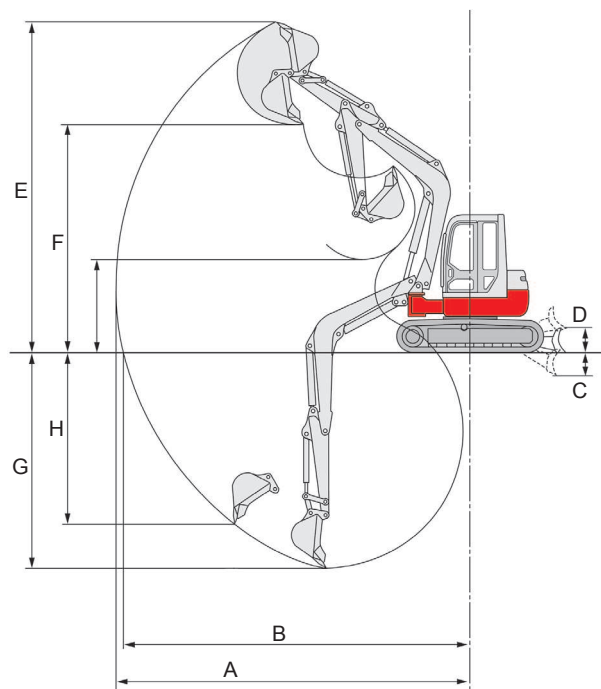
HYDRAULIC

| | |
|------------------------------|--|
| 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

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|-------------------------------|------------------------|
| 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

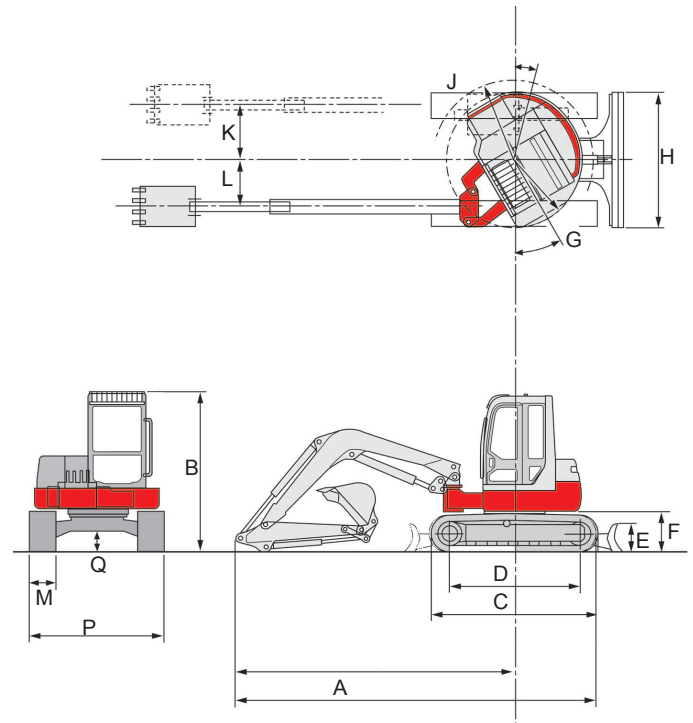
OPERATOR'S STATION

- ◆ 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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