

OPERATING PERFORMANCE

Operating Weight	3,902 lbs (1,770 kg)
Maximum Digging Depth	7 ft 10 in (2,390 mm)
Maximum Dump Height	8 ft 10.5 in (2,705 mm)
Maximum Reach	13 ft 5 in (4,090 mm)
Maximum Bucket Breakout Force	4,250 lbs (1,928 kg)
Maximum Arm Digging Force	1,843 lbs (836 kg)
Arm Length	3 ft 8.5 in (1,130 mm)
Slew Speed	9.2 rpm
Traction Force	4,361 lbs (1,978 kg)

ENGINE

Make / Model	Yanmar / 3TNV74
Tier Rating	EPA Tier 4
Cylinders / Displacement	3 / 60.0 cu in (.99 L)
Horsepower Gross (ISO 14396)	15.0 hp (11.2 Kw)
Rated Engine Speed	2,400 rpm
Maximum Torque	38.2 ft-lb @ 1,800 rpm (51.8 Nm)
Engine Lubrication	4.5 qt (4.3 L)
Cooling System	4.0 qt (3.8 L)
Fuel Tank Capacity	5.8 gal (22.0 L)
Fuel Consumption (65% of full load)	0.63 gal / hr (2.4 L / hr)
Electrical System	12 volts / 40 amps

UNDERCARRIAGE

Traction Drive Type	Planetary Reduction
Parking Brake	Spring Applied, Hydraulically Released
Track Roller Type	Permanently Sealed, Triple Flanged
Track Rollers	3 per side
Track Width	9 in (230 mm)
Track Ground Contact Length	3 ft 9.5 in (1,155 mm)
Ground Pressure	4.3 psi (29.6 kPa)
Maximum Travel Speed	
Low Range	1.4 mph (2.2 km / hr)
High Range	2.6 mph (4.2 km / hr)

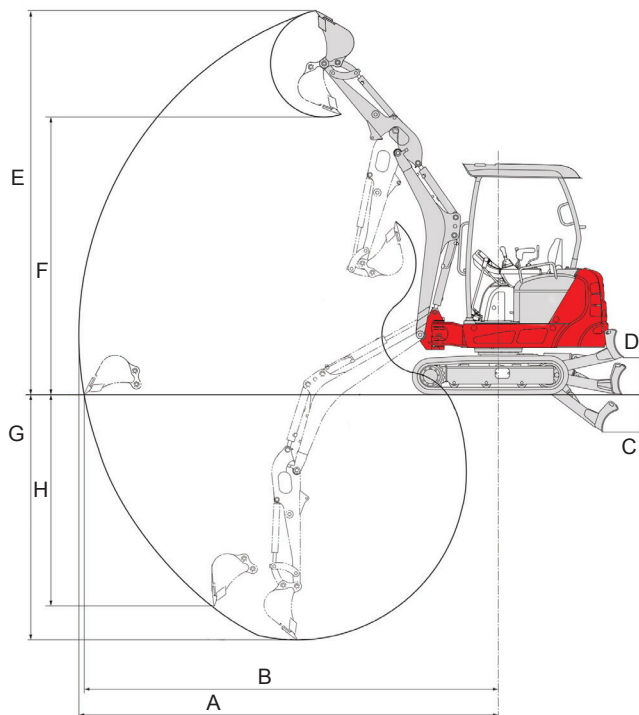
HYDRAULIC

Pump Type	Twin Variable Displacement Piston Pumps with Two Gear Pumps
Total Hydraulic Flow	13.45 gal / min (50.9 L / min)
Auxiliary Hydraulic Flow	8.9 gal / min (33.6 L / min)
System Operating Pressure	3,046 psi (21.0 mpa)
Hydraulic Reservoir Capacity	4.2 gal (16.0 L)
Hydraulic System Capacity	6.5 gal (24.5 L)



WORKING DIMENSIONS

A. Maximum Reach	13 ft 5 in (4,090 mm)
B. Maximum Reach Ground Level	13 ft 2.9 in (4,035 mm)
C. Blade Maximum Lower	1 ft 2.4 in (365 mm)
D. Blade Maximum Lift	1 ft 2.2 in (360 mm)
E. Maximum Dig Height	12 ft 3.2 in (3,740 mm)
F. Maximum Dump Height	8 ft 10.5 in (2,705 mm)
G. Maximum Dig Depth	7 ft 9.1 in (2,390 mm)
H. Maximum Vertical Dig Depth	6 ft 9.1 in (2,060 mm)



Product Features

ENGINE

- ◆ EPA Tier 4 Compliant
- ◆ Engine Preheat Starting Aid
- ◆ Extended Life Coolant
- ◆ Automatic Fuel Bleed System
- ◆ Dual Element Air Filters

ELECTRICAL

- ◆ Multi Information Display that Includes Visual and Audible Alerts for Engine Warning, Engine Oil Pressure, Battery Charge Level and Coolant Temperature
- ◆ Visual Indicators for Engine Pre-Heat, High Speed, Water Temperature and Fuel Gage
- ◆ Function Keys Transition Between Hour / Trip Meter, Time and Alarm, and Contrast Adjustment
- ◆ 12 volt System with 40 amp Alternator
- ◆ Canopy and Boom Mounted Work Lights
- ◆ Hour Meter
- ◆ Travel Alarm
- ◆ Horn

UNDERCARRIAGE AND FRAME

- ◆ Triple Flange Track Rollers
- ◆ Hydraulically Retractable Track Frame
- ◆ Low and High Range Travel
- ◆ Adjustable Width Backfill Blade
- ◆ Cast Iron Wrap Around Protective Counterweight
- ◆ 9" Rubber Track

HYDRAULIC

- ◆ Variable Displacement Piston Pumps
- ◆ Cushioned Boom and Swing Cylinders
- ◆ Pilot Controls
- ◆ Hydraulic Oil Cooler
- ◆ Steel Hydraulic Tank with Fluid Level Sight Gauge
- ◆ Primary Auxiliary Circuit Plumbed to Arm with 1-Way and 2-Way Operation

WORKING EQUIPMENT

- ◆ Main Boom Cylinder Guard
- ◆ Auxiliary Hydraulic Hoses Protected Inside of Arm
- ◆ Long Arm with Integrated Thumb Mount
- Dual Pin Position Bucket
- Mechanical Bucket Quick Coupler
- Main Pin Hydraulic Thumb

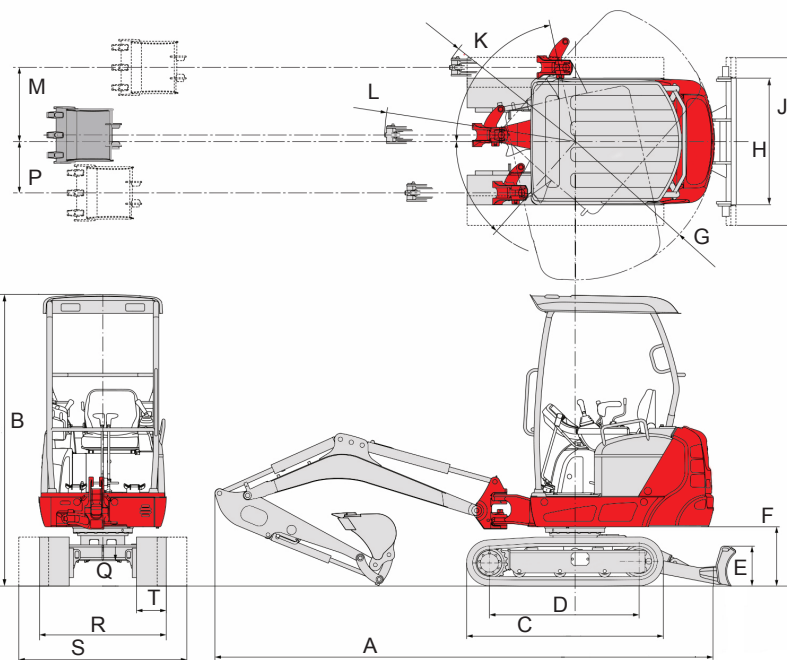
OPERATOR'S STATION

- ◆ ROPS / TOPS / FOPS Four Post Canopy
- ◆ Quick Change Control Pattern (ISO or SAE)
- ◆ Auxiliary Hydraulics Controlled with Foot Pedal
- ◆ 2" Seat Belt

◆ - Standard ○ - Optional

MACHINE DIMENSIONS

A. Transport Length	12 ft 8.3 in (3,870 mm)
B. Transport Height	7 ft 4.8 in (2,255 mm)
C. Undercarriage Length	4 ft 11.9 in (1,520 mm)
D. Track Ground Contact Length	3 ft 9.6 in (1,155 mm)
E. Dozer Blade Height	12.2 in (310 mm)
F. Counterweight Ground Clearance	18.1 in (460 mm)
G. Tail Swing (Slew) Radius	3 ft 6.3 in (1,075 mm)
H. Dozer Blade Width (Retracted)	38.6 in (980 mm)
J. Dozer Blade Width (Extended)	51.2 in (1,300 mm)
K. Minimum Front Radius (Offset)	3 ft 9.4 in (1,155 mm)
L. Minimum Front Radius (Straight)	4 ft 10.3 in (1,480 mm)
M. Offset Working Distance (Right) @ 50°	1 ft 10.4 in (570 mm)
P. Offset Working Distance (Left) @ 80°	1 ft 3.7 in (400 mm)
Q. Ground Clearance	8.1 in (205 mm)
R. Width (Retracted)	38.6 in (980 mm)
S. Width (Expanded)	51.2 in (1,300 mm)
T. Track Width (Rubber)	9 in (230 mm)



TAKEUCHI
Those in the know, know Takeuchi