

TAKEUCHI

Those in the know, know Takeuchi

OPERATING PERFORMANCE

Operating Weight	3,524 lbs (1,598 kg)
Maximum Digging Depth	7 ft 9.5 in (2,375 mm)
Maximum Dump Height	9 ft 4 in (2,845 mm)
Maximum Reach	13 ft 1 in (3,990 mm)
Maximum Bucket Breakout Force	4,079 lbs (1,850 kg)
Maximum Arm Digging Force	1,704 lbs (773 kg)
Arm Length	3 ft 8.5 in (1,130 mm)
Slew Speed	9.0 rpm
Traction Force	3,801 lbs (1,724 kg)

ENGINE

Make / Model	Yanmar / 3TNV70
Tier Rating	EPA Tier 4
Cylinders / Displacement	3 / 52.1 cu in (.85 L)
Horsepower Gross (SAE J1995)	13.8 hp (10.3 Kw)
Horsepower Net (SAE 1349)	13.5 hp (10.1 Kw)
Rated Engine Speed	2,200 rpm
Maximum Torque	38 ft-lb @ 1,600 rpm (51.5 Nm)
Engine Lubrication	3.0 qt (2.8 L)
Cooling System	3.6 qt (3.4 L)
Fuel Tank Capacity	5.5 gal (21.0 L)
Fuel Consumption (65% of full load)	0.50 gal / hr (1.9 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	3.9 psi
Maximum Travel Speed	
Low Range	1.4 mph (2.3 km / hr)
High Range	2.6 mph (4.2 km / hr)

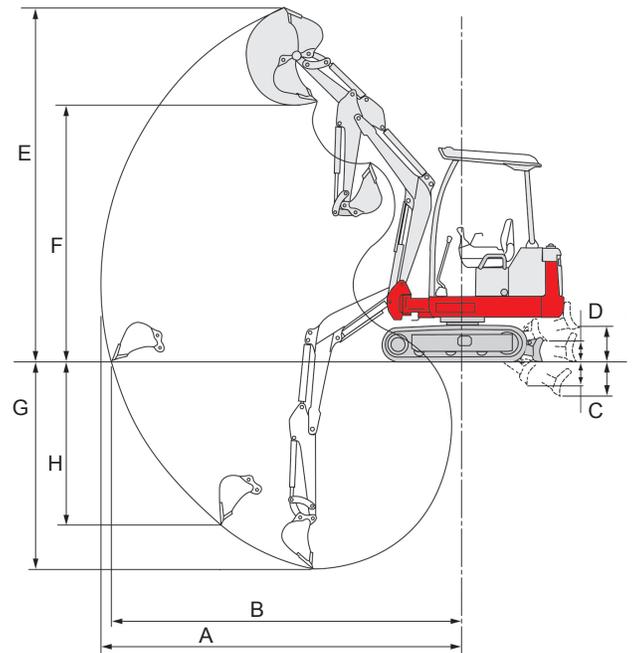
HYDRAULIC

Pump Type	Twin Variable Displacement Piston Pumps with Two Gear Pumps
Total Hydraulic Flow	12.78 gal / min (48.4 L / min)
Auxiliary Hydraulic Flow	8.7 gal / min (32.9 L / min)
System Operating Pressure	2,844 psi (19.6 mpa)
Hydraulic Reservoir Capacity	6.0 gal (23.0 L)
Hydraulic System Capacity	8.8 gal (33.4 L)



WORKING DIMENSIONS

A. Maximum Reach	13 ft 1 in (3,990 mm)
B. Maximum Reach Ground Level	12 ft 9 in (3,890 mm)
C. Blade Maximum Lower	1 ft 2.4 in (365 mm)
D. Blade Maximum Lift	1 ft 2.4 in (365 mm)
E. Maximum Dig Height	12 ft 8.5 in (3,875 mm)
F. Maximum Dump Height	9 ft 4 in (2,845 mm)
G. Maximum Dig Depth	7 ft 9.5 in (2,375 mm)
H. Maximum Vertical Dig Depth	6 ft 3 in (1,905 mm)



Product Features

ENGINE

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

ELECTRICAL

- ◆ Electronic Monitoring System that includes Visible and Audible Alarms for Low Oil Pressure and High Engine Coolant Temperature, and Battery Charge Level
- ◆ 12 volt System with 40 amp Alternator
- ◆ Canopy and Boom Mounted Work Lights
- ◆ Preheat Indicator
- ◆ Hour Meter
- ◆ Travel Alarm
- ◆ High Speed Indicator
- ◆ 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 and Sight Gauge
- ◆ Primary Auxiliary Circuit Plumbed to Arm with 1-Way and 2-Way Operation

WORKING EQUIPMENT

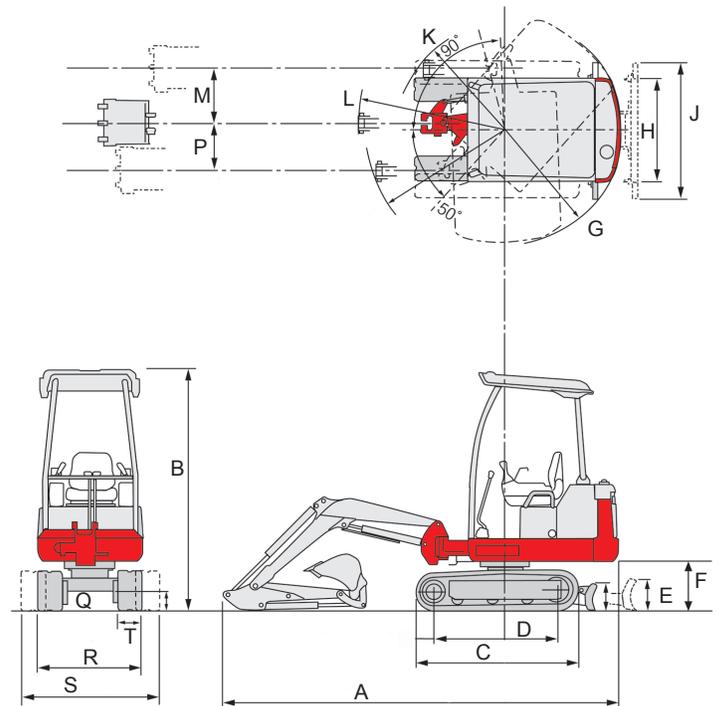
- ◆ Main Boom Cylinder Guard
- ◆ Bucket and Auxiliary Hydraulic Hoses
- ◆ Long Arm
- Dual Pin Position Bucket
- Mechanical Bucket Quick Coupler
- Main Pin Hydraulic Thumb

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
- 3" Seat Belt

MACHINE DIMENSIONS

A. Transport Length	12 ft 1.5 in (3,695 mm)
B. Transport Height	7 ft 5.7 in (2,280 mm)
C. Undercarriage Length	5 ft 0 in (1,525 mm)
D. Track Ground Contact Length	3 ft 9.5 in (1,155 mm)
E. Dozer Blade Height	11.8 in (300 mm)
F. Counterweight Ground Clearance	18.5 in (470 mm)
G. Tail Swing (Slew) Radius	3 ft 6.7 in (1,085 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 5.3 in (1,050 mm)
L. Minimum Front Radius (Straight)	4 ft 8 in (1,440 mm)
M. Offset Working Distance (Right)	1 ft 8.6 in (525 mm) @ 50°
P. Offset Working Distance (Left)	1 ft 5.5 in (445 mm) @ 90°
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)



◆ - Standard ○ - Optional