

TAKEUCHI

Those in the know, know Takeuchi

OPERATING PERFORMANCE

Operating Weight	Cab Rubber 18,630 lbs (8,450 kg)
	Cab Steel 19,145 lbs (8,685 kg)
Maximum Digging Depth	15 ft 0 in (4,572 mm)
Maximum Dump Height	17 ft 3 in (5,258 mm)
Maximum Reach	24 ft 5 in (7,435 mm)
Maximum Bucket Breakout Force	16,565 lbs (7,514 kg)
Maximum Arm Digging Force	8,161 lbs (3,702 kg)
Arm Length	7 ft 0 in (2,130 mm)
Slew Speed	10.3 rpm
Traction Force	19,780 lbs (8,972 kg)

ENGINE

Make / Model	Yanmar / 4TNV98CT
Tier Rating	EPA Final Tier 4
Cylinders / Displacement	4 / 202 cu in (3.3 L)
Horsepower	69.2 hp (51.6 Kw)
Rated Engine Speed	2,000 rpm
Maximum Torque	227.2 ft-lb @ 1,300 rpm (308 Nm)
Engine Lubrication	10.8 qt (10.2 L)
Cooling System	14.8 qt (14.0 L)
Fuel Tank Capacity	33.8 gal (128.0 L)
Fuel Consumption (65% of full load)	2.4 gal / hr (9.1 L / hr)
Electrical System	12 volts / 80 amps

UNDERCARRIAGE

Traction Drive Type	Planetary Reduction and Auto Shift Down
Parking Brake	Spring Applied, Hydraulically Released, Multiple Wet Friction Disc
Track Roller Type	Permanently Sealed, Triple Flanged Rollers
Track Rollers (per side)	5 per side
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 (37.8 kPa) Steel 5.6 psi (38.9 kPa)
Maximum Travel Speed	
Low Range	1.6 mph (2.6 km / hr)
High Range	3.1 mph (5.0 km / hr)

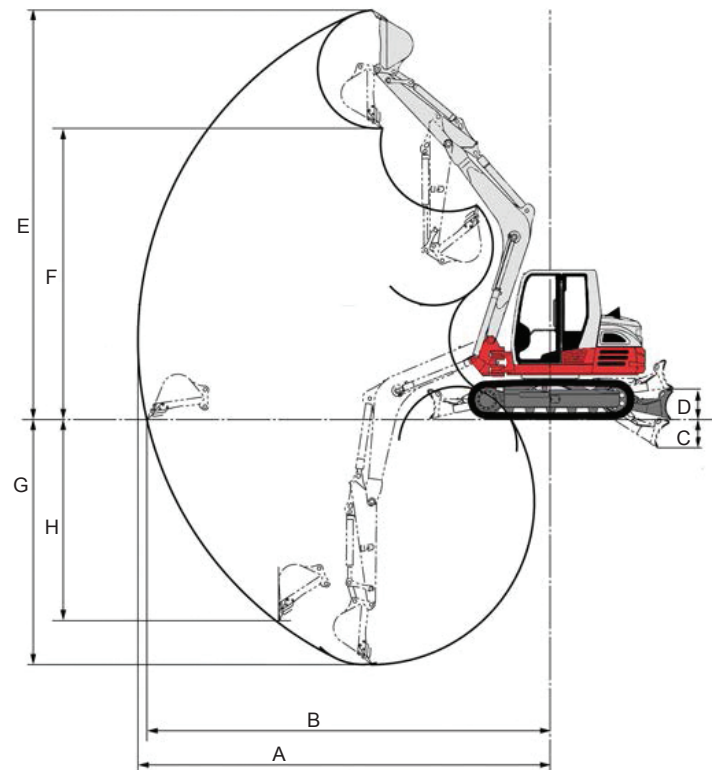
HYDRAULIC

Pump Type	Load Sensing Piston Pump
Total Hydraulic Flow	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)
System Operating Pressure	3,990 psi (27.5 MPa)
Hydraulic Reservoir Capacity	19.3 gal (73.0 L)
Hydraulic System Capacity	37.0 gal (140.0 L)



WORKING DIMENSIONS

A. Maximum Reach	24 ft 5.0 in (7,435 mm)
B. Maximum Reach Ground Level	23 ft 11.0 in (7,290 mm)
C. Blade Maximum Lower	1 ft 7.6 in (500 mm)
D. Blade Maximum Lift	1 ft 7.9 in (505 mm)
E. Maximum Dig Height	23 ft 11.1 in (7,290 mm)
F. Maximum Dump Height	17 ft 3.0 in (5,260 mm)
G. Maximum Dig Depth	15 ft 0.0 in (4,580 mm)
H. Maximum Vertical Dig Depth	12 ft 6.4 in (3,820 mm)



Product Features

ENGINE

- ◆ EPA Final Tier 4 Compliant with DPF
- ◆ Turbocharged
- ◆ Automatic Fuel Bleed System
- ◆ Extended Life Coolant
- ◆ Dual Element Air Filter
- ◆ Automatic Idle
- ◆ Engine Modes Include: Power, Eco and High Altitude
- ◆ Automatic Preheat
- ◆ Large Capacity Radiator
- ◆ High Capacity Fuel Filters

ELECTRICAL

- ◆ Multi-Information Display Includes Digital Gauges for Coolant Temperature, Fuel Level, Engine Speed, PM (Particulate Matter) Accumulation, and Lift Load Percentage
- ◆ Audible and/or Visual Alerts for Battery Level, Engine Oil Pressure, Fuel / Water Sensor, High Engine Coolant Temperature, Engine Air Filter Restriction, Fuel Filter Restriction, Low Fuel Level, Automatic Idle, Regeneration Status, Engine Preheat, Travel Speed Indicator, Work Light Indicator, Blade Float Indicator
- ◆ 12 volt System with 80 amp Alternator
- ◆ Multi Function Switch Bank
- ◆ Work Lights: Front and Side Halogen
- ◆ Travel Alarm and Horn

UNDERCARRIAGE AND FRAME

- ◆ Triple Flanged Track Rollers
- ◆ Automatic Track Tensioner
- ◆ Two-Speed Travel with Automatic Shift
- ◆ High Torque Planetary Final Drive
- ◆ Heavy Duty Dozer Blade with Float
- ◆ Large Wrap Around Counterweight
- ◆ 17.7" Rubber Tracks
- 17.7" Road Liner Tracks
- 21.7" Steel Tracks
- Power Angle Blade with Float and Bolt on Cutting Edge that Angles 25° Right and Left

HYDRAULIC

- ◆ Load Sensing Hydraulic System
- ◆ Cushioned Boom, Arm and Swing Cylinders
- ◆ Precise and Responsive Pilot Controls with Proportional Slide Switch for Auxiliary Circuit
- ◆ Large Hydraulic Reservoir with Fluid Level Sight Gauge
- ◆ Primary and Secondary Auxiliary Hydraulic Circuit Plumbed to Arm
- ◆ Selectable One-Way and Two-Way Auxiliary Operation
- ◆ Auxiliary Detent (Primary Circuit)
- ◆ Primary Auxiliary Circuit with 3 Selectable Modes and In Cab Flow Adjustments
- ◆ Secondary Auxiliary Circuit with Adjustable Flow Control System
- ◆ Pilot Accumulator
- ◆ High Capacity Side-by-Side Hydraulic Oil Cooler and Radiator

◆ - Standard ○ - Optional

WORKING EQUIPMENT

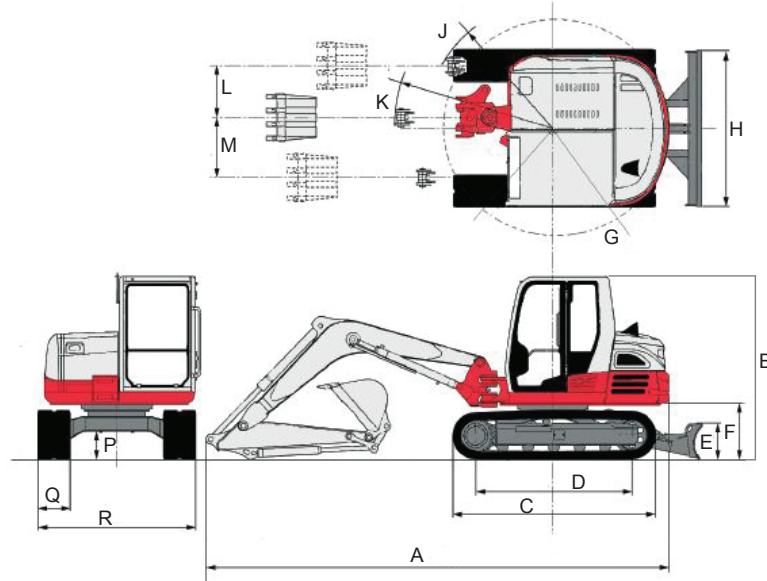
- ◆ Dual Boom Cylinders
- ◆ Boom Holding Valve with Lift Overload Alarm
- ◆ Long Arm with Integrated Thumb Mount
- ◆ Adjustable Bucket Linkage
- Dual Position Bucket
- Heavy Duty Adjustable Bucket Coupler
- Main Pin Hydraulic Thumb

OPERATOR'S STATION

- ◆ Cab with Certified ROPS / OPG (ISO 10262, Level 1) Protection
- ◆ Deluxe High Back Suspension Seat Features Adjustments for Height, Weight, Fore and Aft, and Tilt
- ◆ Quick Change Control Pattern (ISO or SAE)
- ◆ AM / FM / MP3 Radio
- ◆ Automatic Climate Control System for Air-Conditioning and Heat
- ◆ 2" Retractable Seat Belt
- 3" Retractable Seat Belt

MACHINE DIMENSIONS

A. Transport Length	21 ft 10 in (6,660 mm)
B. Transport Height	8 ft 5.0 in (2,565 mm)
C. Undercarriage Length	9 ft 4.0 in (2,855 mm)
D. Track Ground Contact Length	7 ft 3.0 in (2,210 mm)
E. Dozer Blade Height	1 ft 8.0 in (500 mm)
F. Counter Weight Ground Clearance	2 ft 6.0 in (770 mm)
G. Tail Swing (Slew) Radius	5 ft 5.0 in (1,650 mm)
H. Dozer Blade Width	7 ft 7.0 in (2,300 mm)
J. Minimum Front Radius (Offset)	6 ft 8.0 in (2,030 mm)
K. Minimum Front Radius (Straight)	8 ft 2.0 in (2,495 mm)
L. Offset Working Distance (Right)	2 ft 11.0 in (890 mm) @ 60°
M. Offset Working Distance (Left)	2 ft 3.0 in (685 mm) @ 70°
P. Ground Clearance	1 ft 3.0 in (385 mm)
Q. Track Width (Rubber)	17.7 in (450 mm)
Q. Track Width (Steel)	21.7 in (550 mm)
R. Undercarriage Width (Rubber)	7 ft 3.0 in (2,200 mm)
R. Undercarriage Width (Steel)	7 ft 7.0 in (2,300 mm)



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