

TAKEUCHI

Those in the know, know Takeuchi

OPERATING PERFORMANCE

Operating Weight	Cab Rubber	18,780 lbs (8,518 kg)
	Cab Steel	19,604 lbs (8,892 kg)
Maximum Digging Depth		15 ft 0 in (4,570 mm)
Maximum Dump Height		17 ft 3 in (5,270 mm)
Maximum Reach		24 ft 5 in (7,435 mm)
Maximum Bucket Digging Force		16,565 lbs (7,514 kg)
Maximum Arm Digging Force		8,138 lbs (3,691 kg)
Arm Length		7 ft 0 in (2,130 mm)
Slew Speed		10.3 rpm
Traction Force		19,783 lbs (8,973 kg)

ENGINE

Make / Model	Yanmar / 4TNV98 - Turbo
Tier Rating	EPA Interim Tier 4
Cylinders / Displacement	4 / 202 cu in (3.3 L)
Horsepower Gross (SAE J1995)	69.2 hp (51.6 Kw)
Horsepower Net (SAE 1349)	66.5 hp (49.6 Kw)
Rated Engine Speed	2,000 rpm
Maximum Torque	223 ft-lb @ 1,475 rpm (302 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)	2.6 gal / hr (9.9 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 (37.9 kPa) Steel 4.8 psi (33.1 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)

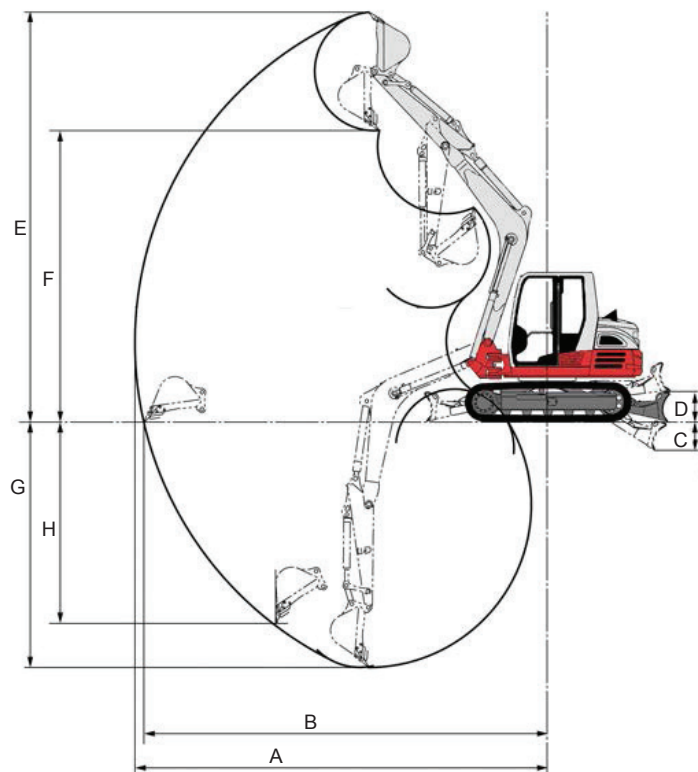
LIFT CAPACITIES

	9 ft 10 in (3.0 m) Radius	
	Over Front, Blade Down	Over Side
+6.6 ft (2.0 m)	7,709 lbs (3,497 kg)	5,858 lbs (2,657 kg)
Ground Level	8,615 lbs (3,908 kg)	5,109 lbs (2,317 kg)
-3.3 ft (1.0 m)	10,798 lbs (4,898 kg)	5,078 lbs (2,303 kg)



WORKING DIMENSIONS

A. Maximum Reach	24 ft 5 in (7,435 mm)
B. Maximum Reach Ground Level	23 ft 11 in (7,290 mm)
C. Blade Maximum Lower	1 ft 7 in (490 mm)
D. Blade Maximum Lift	1 ft 8 in (520 mm)
E. Maximum Dig Height	24 ft 0 in (7,305 mm)
F. Maximum Dump Height	17 ft 3 in (5,270 mm)
G. Maximum Dig Depth	15 ft 0 in (4,570 mm)
H. Maximum Vertical Dig Depth	12 ft 6 in (3,805 mm)



Product Features

ENGINE

- ◆ EPA Interim Tier 4 Compliant
- ◆ Turbocharged
- ◆ Automatic Fuel Bleed System
- ◆ Extended Life Coolant
- ◆ Dual Element Air Cleaner
- ◆ Automatic Idle
- ◆ Selectable Work Modes
- ◆ Automatic Preheat
- ◆ Large Capacity Radiator
- ◆ High Capacity Fuel Filters

ELECTRICAL

- ◆ Analog or Digital Gauges for Coolant Temperature, Fuel Level, Hour Meter, Trip Meter, Tachometer and Voltmeter
- ◆ Audible and/or Visual Indicators for Battery Voltage, Coolant Temperature, Oil Pressure, Air Filter Restriction, Pre-Heat, Lift Alarm, Automatic Idle, Fuel / Water, Economy Mode, Work Mode, High Speed Travel, Blade Float
- ◆ 12 volt System with 80 amp Alternator
- ◆ Multi Function Switch Bank
- ◆ Work Lights: Front and Side Halogen
- ◆ Travel Alarm
- ◆ Horn

UNDERCARRIAGE AND FRAME

- ◆ Triple Flanged Track Rollers
- ◆ Automatic Track Tensioner
- ◆ 2-Speed Travel with Automatic Shift
- ◆ High Torque Planetary Final Drive
- ◆ Heavy Duty Dozer Blade with Float
- ◆ Large Wrap Around Counterweight
- ◆ 17.7 in Rubber Tracks
- 21.7 in Steel Tracks
- Power Angle Blade with Float

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 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

WORKING EQUIPMENT

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

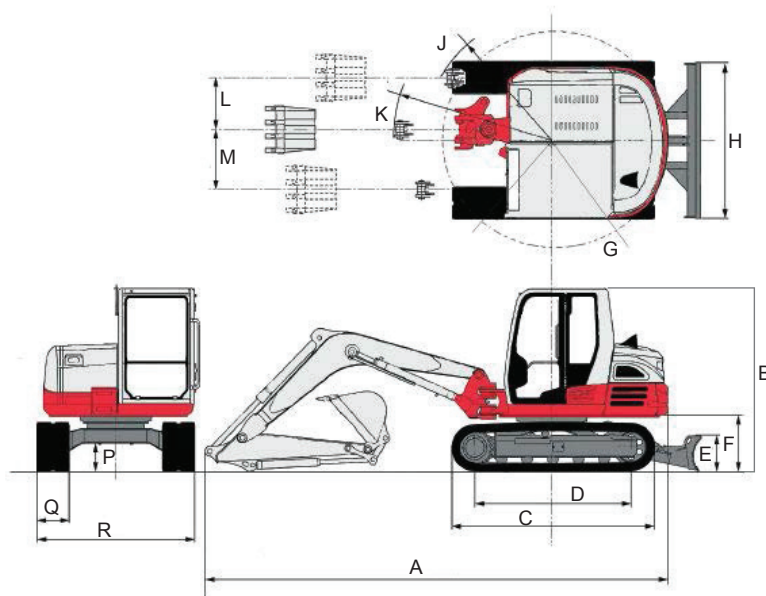
◆ - Standard ○ - Optional

OPERATOR'S STATION

- ◆ Cab with Certified ROPS / FOPS Protection
- ◆ 10-Way Adjustable Cloth Covered High Back Suspension Seat
- ◆ Quick Change Control Pattern (ISO or SAE)
- ◆ AM / FM / MP3 Radio
- ◆ Automatic Climate Control System for Air-Conditioning and Heat
- ◆ 2 in Retractable Seat Belt
- 3 in Seat Belt

MACHINE DIMENSIONS

A. Transport Length	21 ft 10 in (6,660 mm)
B. Transport Height	8 ft 5 in (2,565 mm)
C. Undercarriage Length	9 ft 4 in (2,855 mm)
D. Track Ground Contact Length	7 ft 3 in (2,210 mm)
E. Dozer Blade Height	1 ft 8 in (500 mm)
F. Counter Weight Ground Clearance	2 ft 7 in (785 mm)
G. Tail Swing (Slew) Radius	5 ft 5 in (1,650 mm)
H. Dozer Blade Width	7 ft 7 in (2,300 mm)
J. Minimum Front Radius (Offset)	6 ft 8 in (2,030 mm)
K. Minimum Front Radius (Straight)	8 ft 2 in (2,495 mm)
L. Offset Working Distance (Right)	2 ft 5 in (730 mm) @ 60°
M. Offset Working Distance (Left)	2 ft 9 in (845 mm) @ 70°
P. Ground Clearance	1 ft 3 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 in (2,200 mm)
R. Undercarriage Width (Steel)	7 ft 7 in (2,300 mm)



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