

TAKEUCHI TB014

COMPACT EXCAVATOR



Features:

- Standard travel alarm, required on many jobsites serves as an added safety feature to alert anyone in the excavators working area of machine travel.
- Long reach, heavy duty dozer blade creates a stable working platform plus improves craning, grading and backfilling performance.
- Cast iron, wrap-around counterweight protects the engine compartment from damage when working in confined areas.
- Automatic fuel bleed system eliminates the downtime and service calls required to bleed conventional fuel systems.
- Variable displacement piston pumps efficiently utilize engine horsepower while adjusting digging power and speed for fast cycle times.
- Control pattern selector valve allows for quick change of the operating controls between ISO and SAE patterns to accommodate operator preferences.

DIMENSIONS & WEIGHT

Operating Weight (lbs.)	3208
Length (transport)	12'2"
Width	38.6"
Height	7'6"
Ground Clearance	8.7"
Min. Front Swing Radius (90° boom swing)	39.2"
Tail Swing Radius	42.8"
Dozer Blade (w / h)	38.6" / 11.8"

ENGINE

Make / Model	Yanmar / 3TNE-68
Horsepower / RPM (SAE 1349 gross)	12 / 2100
Maximum Torque (ft.-lb. / rpm)	37.6 / 1700
Cylinders / CID	3 / 47.8
Fuel Consumption (65% of full load) gal. / hr.	.45
Electrical System (volt / amp)	12 / 20

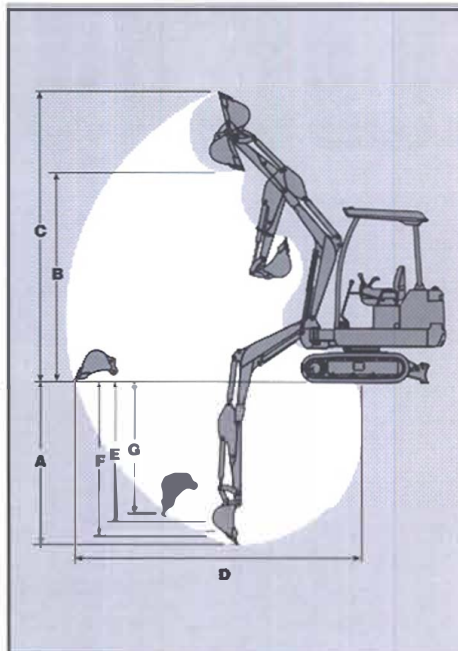
SWING SYSTEM

Independent Boom Swing Angle (L / R)	90° / 50°
Swing Speed (RPM)	9
Swing Motor	Geroller
Swing Reduction	Straight Drive
Swing Brake	Hydraulic Counter Balance Valve

LIFT CAPACITIES (lbs.) @ 67" RADIUS

	over front, blade down	over side
5 ft.	617	617
Ground level	1084	626
-1.5 ft.	1040	621

In accordance with our established policy of continued improvement, specifications and features are subject to change without notice.



OPERATING INFORMATION

A Max. Dig Depth	7'0"
B Max. Dump Height	8'9"
C Max. Dig Height	12'2"
D Max. Reach at Ground Level	12'4"
E Max. Vertical Dig Depth	5'7"
F Max. Dig. Depth w / 2 ft. Flat Bottom	6'10"
G Max. Dig. Depth w / 8 ft. Flat Bottom	4'11"
Max. Bucket Dig Force (lbs.)	3773
Max. Arm Dig Force (lbs.)	1590

UNDERCARRIAGE

Traction Motor	Geroller
Traction Drive	Planetary
Traction Force (lbs.)	3962 x 2
Traction Brake	Spring Applied Hydraulically Released
Track Rollers (per side)	3
Carrier Roller (per side)	Slide
Shoe Type	Rubber
Shoe Width	9"
Ground Contact Length	40"
Ground Pressure (psi)	4.15
Travel Speed (mph)	1.4
Maximum Gradeability	25°

HYDRAULIC SYSTEM

System Operating Pressure (psi)	2631
Pump Type	2 Piston / 1 Gear
Hydraulic Flow (gpm)	4.33 x 2 + 2.67
Auxiliary Flow (gpm)	8.7

CAPACITIES

Hydraulic System (gal.)	8.7
Fuel Tank (gal.)	6.1
Engine Lubrication (qt.)	3.0
Cooling System (qt.)	3.3
Final Drives (qt.) each	.37

BUCKET

Width	18"
Capacity SAE Struck (cu. ft.)	1.33
Capacity SAE Heaped (cu. ft.)	1.74

STANDARD EQUIPMENT

TB014

- Control Pattern Selector Valve
- Adjustable pilot operated joystick controls with armrests
- Variable displacement axial piston hydraulic pumps
- Feathered action control valves
- Simultaneous multi function control system
- Cushioned main boom and swing cylinders
- Two-way auxiliary hydraulics plumbed to dipper arm
- Hydraulic oil cooler
- TOPS/FOPS 4-post canopy
- Six-way adjustable suspension seat
- Vandalism protection with lockable fuel tank and engine compartment
- Travel alarm
- Boom mounted work light and rear flashing light
- Extended reach, heavy-duty dozer blade



- Comfortable walk-through operators compartment
- Uncluttered operator's platform with hand and foot operated travel controls
- Safety lockout lever for travel and operating controls

- Cast iron wrap around counterweight
- Heavy-duty power-dig bucket
- O-ring and grease seals installed on bucket pins
- Double flanged track rollers
- Spring applied, hydraulically released disc type parking brakes
- Low noise and EPA compliant exhaust emission engine
- Automatic fuel bleed system
- Hydraulic and fuel sight gauges
- Air filter restriction indicator
- Maintenance free battery
- Protective routing of bucket, arm and auxiliary hydraulic hoses
- Main boom cylinder guard
- Remote slew lubrication system
- Lockable operator's manual and tool storage compartments

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