





Operating Weight: 5,085 kg

TOUGH, POWERFUL, RELIABLE



Takeuchi's TB350R, TB300 Series, compact excavator features the latest technology and a short tail swing design that makes it ideal for working in tight or confined spaces. Inside the cab, a seven-inch, multifunction color monitor with touch screen places a wide range of functions at the operator's fingertips. A dedicated coupler circuit allows for the quick and easy exchange of various hydraulically driven attachments when used with an optional hydraulic coupler. A jog dial with one-touch controls lets operators easily control throttle position and multiple machine functions. The TB350R also offers a dig depth of 3,575 mm, maximum reach of 6,065 mm and maximum dump height of 3,945 mm. Combine those working ranges with its high-flow primary auxiliary circuit, and the TB350R is ideal for multiple applications, including demolition, land/vegetation management, general contracting, landscaping, hardscaping, rental, residential, and commercial construction.



Completely Redesigned Automotive Styled Interior with Intuitive Operator Controls

Product Features & Specifications

ENGINE

- EU Stage V / EPA Tier 4 Emission Compliant
- DOC+DPF Exhaust After Treatment
- Automatic Fuel Bleed System
- Double Element Air Cleaner
- Automatic Deceleration
- Working Modes: Standard and ECO
- Engine Preheat Starting Aid
- High Capacity Radiator and Hydraulic Oil Cooler
- High Capacity Fuel Filters
- Engine Safety Start System on the Left Console
- Engine Auto Stop
- Fuel Supply Pump with Hose Reel

ELECTRICAL

- 4.3" Multi-Informational Display (Canopy)
- 7" Color Touch Screen Display (Cab)
- Multi-Switch Control Panel & Jog Dial Control
- 12 volt System with 70 amp Alternator
- LED Light Package 1; Boom and Front Canopy (Canopy)
- LED Light Package 2; Boom, Front Cab & Rear Cab (Cab)
- Travel Alarm (optional)
- Beacon Socket and Lamp Switch (Cab Only)
- TFM (Takeuchi Fleet Management, GPS)
- TSS (Takeuchi Security System, Immobilizer) (optional)*

UNDERCARRIAGE AND FRAME

- Triple Flange Track Rollers
- 2-Speed Travel with Automatic Shift
- Sloped Frame with Open Centers
- Large Wrap Around Counterweight
- 400 mm Rubber Crawlers
- 400 mm Steel Crawlers (optional)
- Segmented Rubber Crawlers (optional)
- Rubber Pads for 400 mm Steel Crawlers (optional)
- Heavy Duty Dozer Blade with Float (optional)
- Check Valve, Dozer Blade (optional)

OPERATOR'S STATION

- ROPS/TOPS/OPG (TOP Guard, Level I)
- Deluxe High Back Suspension Seat with Head Rest
- 2" Retractable Seat Belt
- 12V Power Outlet
- Cab with Heat, Defrost, Windshield Wiper and Washer, Skylight w/ Sunshade, DAB Radio with Bluetooth
- Air Conditioner (Cab Optional)
- Rain Guard (Cab Optional)
- OPG Level II Roof Guard Kit (Cab Optional)
- OPG Level II Front Guard (Cab Optional)

TAKEUCHI FLEET MANAGEMENT

- Minimize Downtime
- Remote Diagnostics
- Utilization Tracking
- Proactive Maintenance
- Control Costs

HYDRAULIC

- Variable Displacement Pump
- Straight Travel Circuit
- Hydraulic Joystick Controls
- Proportional Control for Service Port 1
- Detent for Service Port 1
- Proportional Control for Service Port 2 (optional)
- Service Port 3 for Quick Hitch (optional)
- Proportional Control for Service Port 4 (optional)
- Auxiliary Hydraulic Circuit Plumbed to Arm
- Hydraulic Tank with Fluid Sight Gauge
- Adjustable Auxiliary Flow for Service Port 1, 2, and 4
- Auto Pressure Release (optional)
- Hydraulic Selector Valve (1-way / 2-way)
- Pilot Accumulator
- Air Breather, Hydraulic Tank
- Auto Tank (optional)

WORKING EQUIPMENT

- Independent Mono Boom Swing
- Cushioned Boom, Arm and Swing Cylinders
- Boom Swing Stopper
- 1,400 mm Arm
- 1,650 mm Arm
- Arm and Boom Holding Valve with Lift Alarm
- Lifting Point of Bucket Linkage (optional)





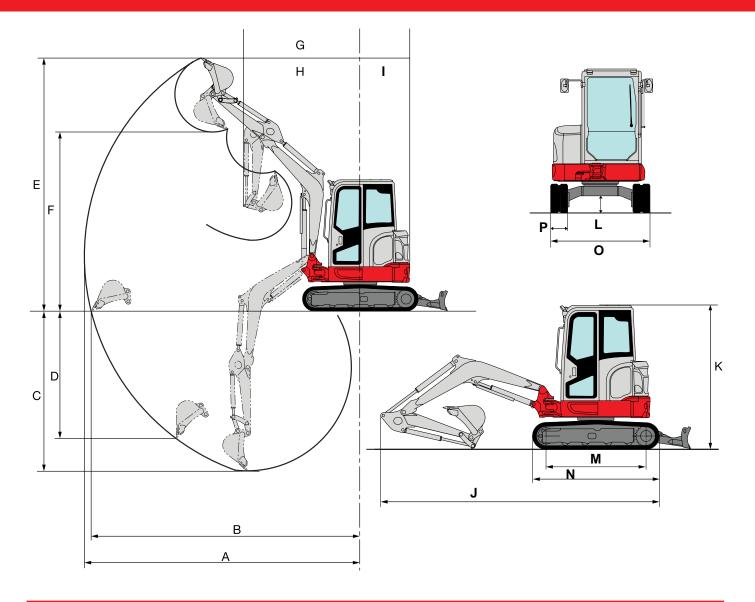
*Functions may not be available in all countries, so please consult your Takeuchi dealer for details.

E		
E COSE has		
5,085 kg		
4,970 kg		
0.141 m³		
8.9 min-1		
2.8 km/h		
5.0 km/h		
30°		
28.9 kPa		
28.2 kPa		
37.3 kN		
(1,400 mm Arm) 25.0kN		
(1,650 mm Arm) 22.4 kN		
54.8 kN		
71° / 55°		
Kubota / V2607		
32.4 kW / 2,000 min-1		
180.1 Nm / 1,500 min-1		
2,615 ml		
12V - 0.84 kW		
12V - 72 A [.] h		
11.8 L		
10.0 L		
55.3 L		
55.3 L 40.8L		

HYDRAULIC SYSTEM	
P1, P2	Variable Displacement Pump
Flow Rate	52.6 L/min
Relief Pressure	24.0 MPa
P3	Gear Pump
Flow Rate	40.6 L/min
Relief Pressure	20.6 MPa
Service Port 1	
Flow Rate	93.2 L/min
Hydraulic Pressure	20.6 MPa
Service Port 2	
Flow Rate	40.6 L/min
Hydraulic Pressure	20.6 MPa
Service Port 3	
Hydraulic Pressure	20.6 MPa
Service Port 4	
Flow Rate	40.6 L/min
Hydraulic Pressure	20.6 MPa
SAFETY and HEALTH	
Vibration Levels	
Hand / Arm	≦ 2.5 m/s²
Body	≦ 0.5 m/s²
Noise Level	
Sound Power Level	Lwa 97 dB



TB350R Compact Excavator



MACHINE DIMENSIONS	1,400 mm Arm	1,650 mm Arm	
A Maximum Reach	5,825 mm	6,065 mm	
B Maximum Reach at Ground Level	5,675mm	5,925 mm	
C Maximum Digging Depth	3,325 mm	3,575 mm	
D Maximum Vertical Digging Depth	2,685 mm	2,925 mm	
E Maximum Height of Cutting Edge	5,410 mm	5,580 mm	
F Maximum Dumping Height	3,775 mm	3,945 mm	
G Front Swing Radius	2,480 mm	2,535 mm	
H Front Swing Radius with Boom Offset	2,020 mm	2,065 mm	
I Slew Radius	1,075 mm		
J Overall Length	5,365 mm	5,390 mm	
K Overall Height (Cab / Canopy)	2,540 mm / 2,565 mm		
L Upper Structure Overall Width (Cab / Canopy)	1,775 mm / 1,735 mm		
M Ground Clearance	335 mm		
N Crawler Base	1,975 mm		
O Crawler Overall Length	2,500 mm		
P Crawler Overall Width	2,000 mm		
Q Crawler Shoe Width	400	mm	



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FORM: TB350R Compact Excavator Spec Sheet - Mar. 2023