

# TB350R

COMPACT  
EXCAVATOR

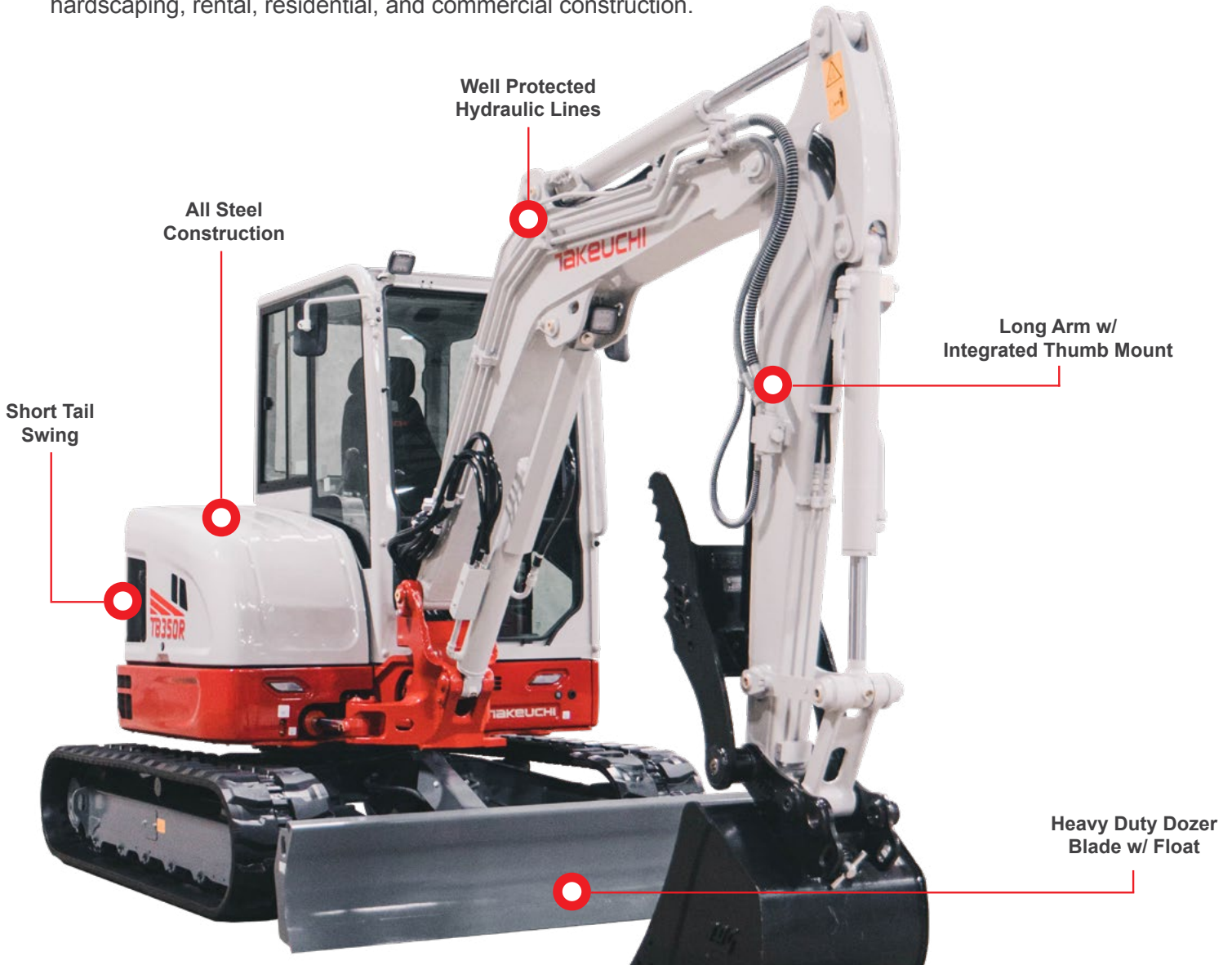


Operating Weight ■ CANOPY 10,980 lb CAB 11,235 lb  
Dig Depth ■ 11 ft 8.8 in  
Max Reach ■ 19 ft 10.7 in

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# TOUGH. POWERFUL. RELIABLE.

The TB350R 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 configuration, a seven inch, multifunction color monitor with touch screen places a wide range of functions at the operator's fingertips. A dedicated coupler circuit (cab only) when used with an optional hydraulic pin grabber coupler allows for the quick and easy exchange of various buckets and hydraulically driven attachments. On cab model, 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 11' 8.8", maximum reach of 19' 10.7" and maximum dump height of 12' 11.3". 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.



# PRODUCT FEATURES & SPECIFICATIONS

## ENGINE

- EPA Tier 4 Final / EU Stage V
- DOC+DPF Exhaust After Treatment
- Automatic Fuel Priming System
- Dual Element Air Cleaner
- Automatic Idle
- Working Modes: Standard and EC
- Automatic Cold Start Device
- High Capacity Radiator and Hydraulic Oil Cooler
- Engine Safe Start System
- Engine Auto Stop

## UNDERCARRIAGE AND FRAME

- Triple Flange Track Rollers
- 2-Speed Axial Piston Travel Motors
- Integrated Load Sensing Automatic Down Shift
- Sloped Frame with Open Centers
- Large Wrap Around Counterweight
- 15.7" Rubber Tracks
- Heavy Duty Backfill Blade with Float
- Power Angle Blade with Float (optional)

## ELECTRICAL

- 4.3" High Definition Multifunction LCD Color Monitor (Canopy)
- 7" Multifunction Touchscreen Color Monitor (Cab)
- Jog Dial with Multifunction Panel (Cab)
- LED Light Package Including Boom Light and Cab Mounted Lights
- Travel Alarm
- Beacon Socket and Lamp Switch (Cab)

## TAKEUCHI FLEET MANAGEMENT

- Two Year Standard Service
- Minimize Downtime
- Remote Diagnostics
- Utilization Tracking
- Proactive Maintenance
- Control Costs
- Geofencing

## 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 Air Conditioner, Heat, Defrost, Windshield Wiper and Washer, Skylight with Sunshade, AM/FM Radio with Bluetooth

## HYDRAULIC AND WORKING EQUIPMENT

- Variable Displacement, Open Center Hydraulics
- Cushioned Boom and Swing Cylinders
- Hydraulic Pilot Controls
- Proportional Control for Primary Auxiliary Circuit with Detent
- High Flow Primary Auxiliary Circuit Plumbed to Mid-Arm with Shutoff Valves
- Secondary Auxiliary Hydraulic Circuit Plumbed to Mid-Arm with Shutoff Valves (Cab)
- Integrated Hydraulic Attachment Quick Connect System
- Multiple Attachment Presets
- Flow Selector Valve, Primary Auxiliary Circuit
- Pattern Change Valve (ISO or SAE)
- Pilot Accumulator
- Boom Holding Valve
- Main Boom Cylinder Guard
- Long Arm with Integrated Thumb Mount
- Dual Pin Position Buckets (optional)
- Mechanical Bucket Quick Coupler (optional)
- Main Pin Hydraulic Thumb (optional)

Hydraulic Joystick Controls

Spacious Operator Station

Multi-Switch Control Panel & Jog Dial Control



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

## OPERATING PERFORMANCE

Operating Weight - Canopy	10,980 lb	(4,980 kg)
Operating Weight - Cab	11,235 lb	(5,095 kg)
Maximum Bucket Breakout	10,431 lbf	(4,731 kgf)
Digging Force	5,040 lbf	(2,286 kgf)
Arm Length	5' 5"	(1,410 mm)
Slew Speed	8.9 rpm	
Traction Force	12,320 lbf	(5,588 kgf)
Ground Pressure - Canopy	4.1 psi	(30.9 kPa)
Ground Pressure - Cab	4.2 psi	(32.2 kPa)
Max Travel Speed		
Low Range	1.7 mph	(3.0 km/h)
High Range	3.1 mph	(4.1 km/h)

## HYDRAULIC SYSTEM

Total Hydraulic Flow	38.5 gpm	(145.7 L/min)
Auxiliary Flow - Primary Circuit	24.6 gpm	(93.2 L/min)
Hydraulic System Pressure	3,480 psi	(24.0 Mpa)
Auxiliary 1 Pressure	2,990 psi	(20.6 L/min)

## ENGINE

Make/Model	Kubota V2607-CR-E5B
Displacement	159.6 cu in
Horsepower @ 2,000 rpm	41.7 hp ISO 9249 / SAE J1349
Maximum Torque	130.2 ft-lb/1,500 rpm

## FLUID CAPACITIES

Engine Lubrication	11.8 qt	(12.5 L)
Cooling System	2.6 qt	(10.0 L)
Fuel Tank	14.6 gal	(55.3 L)
Hydraulic Reservoir	10.8 gal	(40.8 L)
Hydraulic System	22.5 gal	(85.0 L)



## ATTACHMENTS

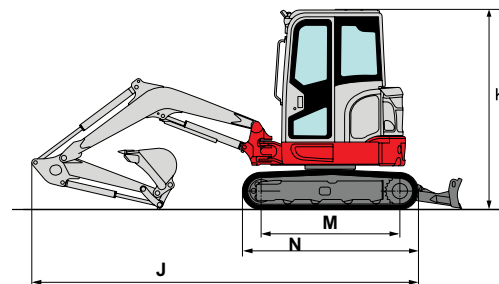
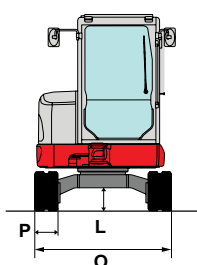
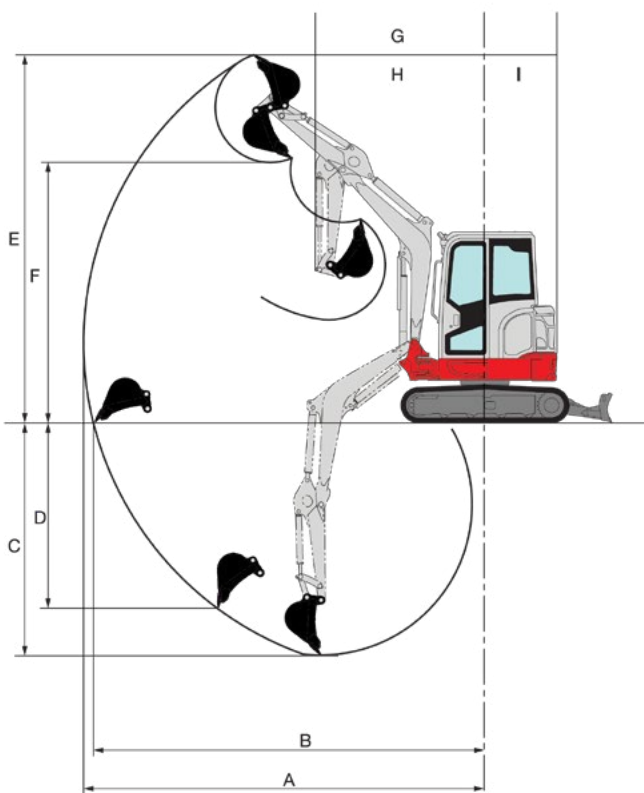
Takeuchi offers attachments for all your Takeuchi equipment. See your authorized Takeuchi dealer for additional information and attachment options.

Easy Service Access

# MACHINE DIMENSIONS



MACHINE DIMENSIONS			
A	Maximum Reach	19 ft 10.7 in	6,065 mm
B	Maximum Reach at Ground Level	19 ft 5.2 in	5,925 mm
C	Maximum Digging Depth	11 ft 8.8 in	3,575 mm
D	Maximum Vertical Digging Depth	9 ft 7.1 in	2,925 mm
E	Maximum Height of Cutting Edge	18 ft 3.6 in	5,580 mm
F	Maximum Dumping Height	12 ft 11.3 in	3,945 mm
G	Front Swing Radius	8 ft 3.7 in	2,535 mm
H	Front Swing Radius with Boom Offset	6 ft 9.4 in	2,065 mm
I	Tail Swing Radius	3 ft 6.3 in	1,075 mm
J	Transport Length	17 ft 8.2 in	5,390 mm
K	Transport Height	8 ft 5 in	2,565 mm
L	Ground Clearance	13.2 in	335 mm
M	Crawler Base	6 ft 5.8 in	1,975 mm
N	Undercarriage Length	8 ft 2.4 in	2,500 mm
O	Undercarriage Width	6 ft 6.7 in	2,000 mm
P	Track Width (Rubber)	15.7 in	400 mm





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FORM: TB350R Compact Excavator Spec Sheet - Feb. 2023

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