

Compact Excavator TB325R

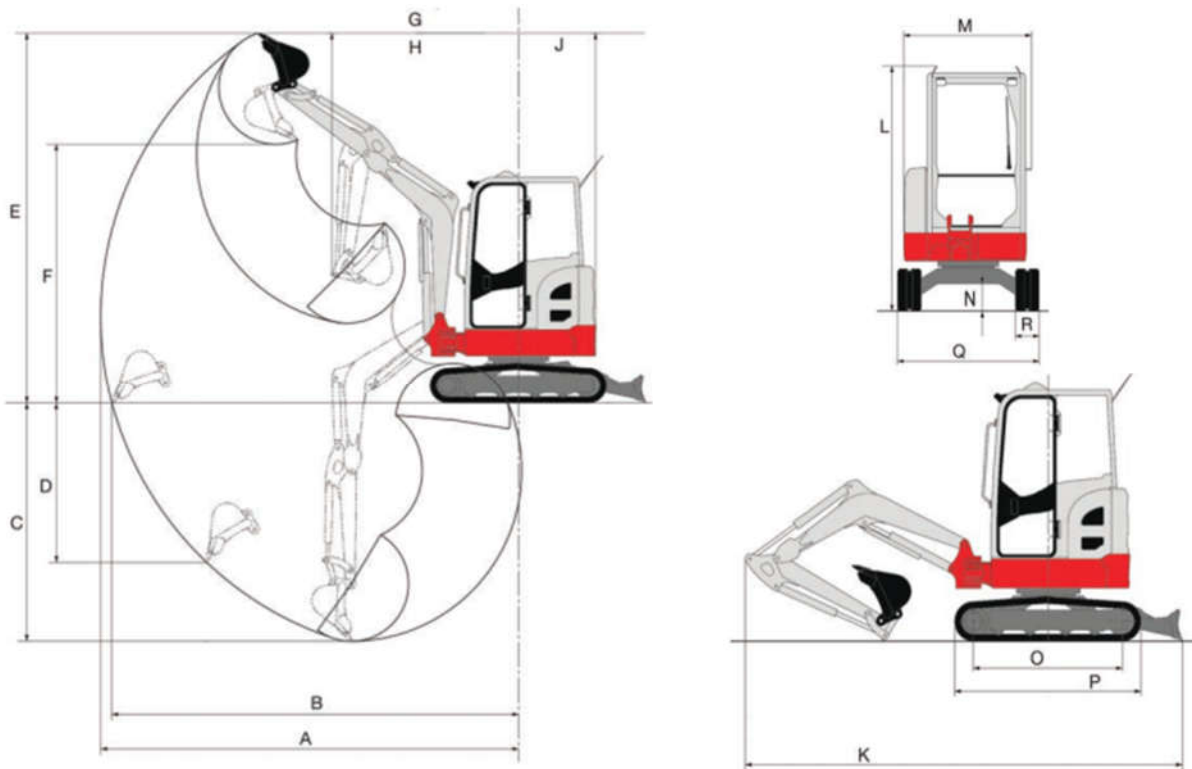


Brand Model	Takeuchi TB325R
OPERATING PERFORMANCE	
Operating Weight - Cab	2,440 kg
Operating Weight - Canopy	2,310 kg
Bucket Capacity (Heaped)	0.064 m ³
Slew Speed	8.9 min ⁻¹
Travel Speed 1st / 2nd	2.5km/h 4.3 km/h
Gradeability	25°
Ground Pressure - Cab	29.1 kPa
Ground Pressure - Canopy	27.6 kPa
Maximum Bucket Breakout Force	19.3 kN
Maximum Arm Digging Force (960 mm Arm)	13.2 kN
Maximum Arm Digging Force (1,210 mm Arm)	11.3 kN
Traction Force	27 kN
Boom Swing Angle (Left/Right)	70°/ 55°

ENGINE	
Model	Yanmar / 3TNV82A
Rated Output (ISO 14396)	16.5 kW/ 2,200 min ⁻¹
Maximum Torque	85.1 Nm/ 1,320 min ⁻¹
Displacement	1,330 ml
Alternator	12 V-0.48 kW
Battery (IEC 60095-1)	12 V - 58.0 A h
FLUID CAPACITIES	
Engine Lubrication	3.6 L
Cooling System	4.7 L
Fuel Tank Capacity	31.2 L
Hydraulic Reservoir Capacity	25.0 L
Hydraulic System Capacity	48.0 L

SAFETY and HEALTH			
Vibration Levels		Noise Level	
Hand / Arm (ISO5349)	< 2.5 m/s ²	Sound Power Level (ISO 6395)	LwA 93 dB
Body (ISO2631-1)	< 0.5 m/s ²		

HYDRAULIC SYSTEM						
P1, P2	Flow Rate	Variable Displacement Piston Pump	25.3 L/min	Service Port 1	Flow Rate	40.0 L/min
	Relief Pressure		21.0 MPa		Hydraulic Pressure	21.0 MPa
P3	Flow Rate	Gear Pump	14.7 L/min	Service Port 2	Flow Rate	14.7 L/min
	Relief Pressure		19.6 MPa		Hydraulic Pressure	19.6 MPa
				Service Port 3	Hydraulic Pressure	19.6 MPa
				Service Port 4	Flow Rate	14.7 L/min
			Hydraulic Pressure		19.6 MPa	



MACHINE DIMENSIONS		960 mm Arm	1,210 mm Arm
A	Maximum Reach	4,235 mm	4,475 mm
B	Maximum Reach at Ground Level	4,105 mm	4,350 mm
C	Maximum Digging Depth	2,290 mm	2,540 mm
D	Maximum Vertical Digging Depth	1,800 mm	2,045 mm
E	Maximum Height of Cutting Edge	3,815 mm	3,965 mm
F	Maximum Dumping Height	2,625 mm	2,775 mm
G	Front Swing Radius	1,960 mm	2,005 mm
H	Front Swing Radius with Boom Offset	1,585 mm	1,625 mm
J	Slew Radius	825 mm	
K	Overall Length	3,985 mm	4,020 mm
L	Overall Height (Cab / Canopy)	2,490 mm / 2,420 mm	
M	Upper Structure Overall Width (Cab / Canopy)	1,355 mm / 1,300 mm	
N	Ground Clearance	275 mm	
O	Crawler Base	1,510 mm	
P	Crawler Overall Length	1,890 mm	
Q	Crawler Overall Width	1,500 mm	
R	Crawler Shoe Width	250 mm	