

Compact Excavator TB285



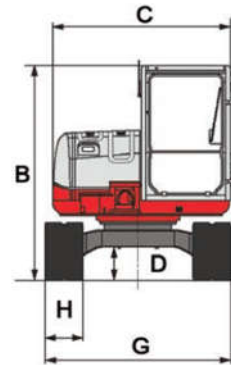
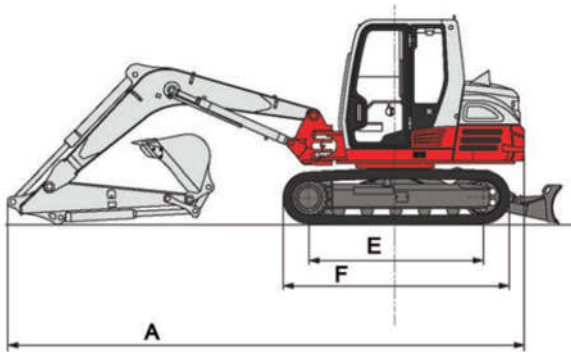
Brand Model	Takeuchi TB285
OPERATING PERFORMANCE	
Operating Weight - Mono Boom	8,465 kg
Operating Weight - 2-Piece Boom	8,780 kg
Bucket Capacity (Heaped)	0.245 m ³
Slew Speed	10.3 min-1
Travel Speed 1st / 2nd	2.6 km/h / 5.0 km/h
Gradeability	35°
Ground Pressure - Cab	37.9 kPa
Ground Pressure - Canopy	39.3 kPa
Maximum Bucket Breakout Force	59.1 kN
Maximum Arm Digging Force	40.0 kN
Traction Force	88.0 kN
Boom Swing Angle (Left/Right)	70° / 60°

ENGINE	
Model	Yanmar / 4TNV98T
Rated Output (ISO 14396)	51.6 kW / 2,000 min-1
Maximum Torque	302.0 Nm / 1,475 min-1
Displacement	3,318 ml
Alternator	12 V - 0.96 kW
Battery (IEC 60095-1)	12 V - 72 A. h
FLUID CAPACITY	
Engine Lubrication	10.2 L
Cooling System	14.0 L
Fuel Tank Capacity	128.0 L
Hydraulic Reservoir Capacity	73.0 L
Hydraulic System Capacity	140.0 L

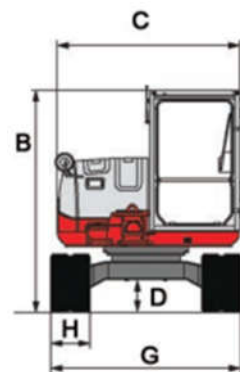
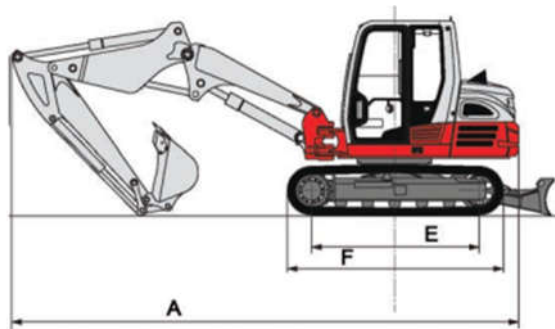
SAFETY and HEALTH			
Vibration Levels		Noise Level	
Hand / Arm	< 2.5 m/s ²	Sound Power Level	LWA 99 dB
Body	< 0.5 m/s ²		

HYDRAULIC SYSTEM						
P1	Flow Rate	Variable Displacement Pump	160.0 L/min	Service Port 1	Flow Rate	100.0 L/min
	Relief Pressure		27.5 MPa		Hydraulic Pressure	20.6 MPa
P2	Flow Rate	Gear Pump	60.6 L/min	Service Port 2	Flow Rate	55.0 L/min
	Hydraulic Pressure		24.0 MPa		Hydraulic Pressure	20.6 MPa
				Service Port 3	Hydraulic Pressure	20.6 MPa
				Service Port 4	Flow Rate	55.0 L/min
					Hydraulic Pressure	20.6 MPa

Mono Boom

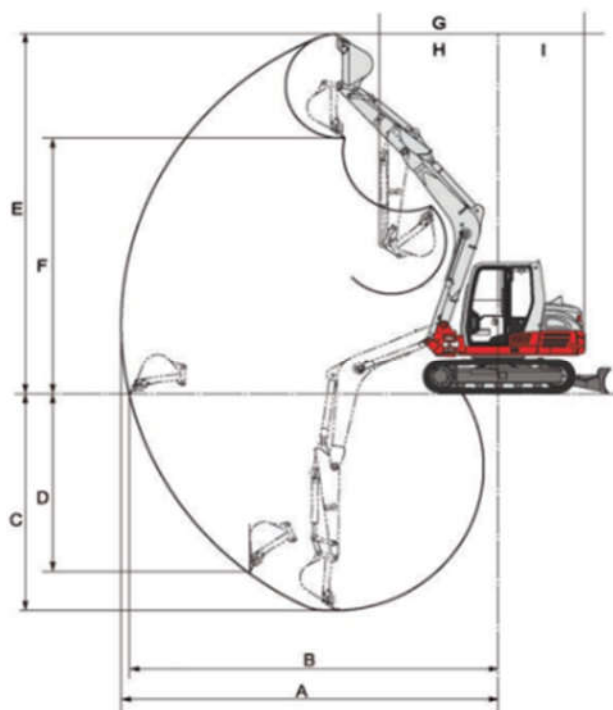


2 Piece Boom

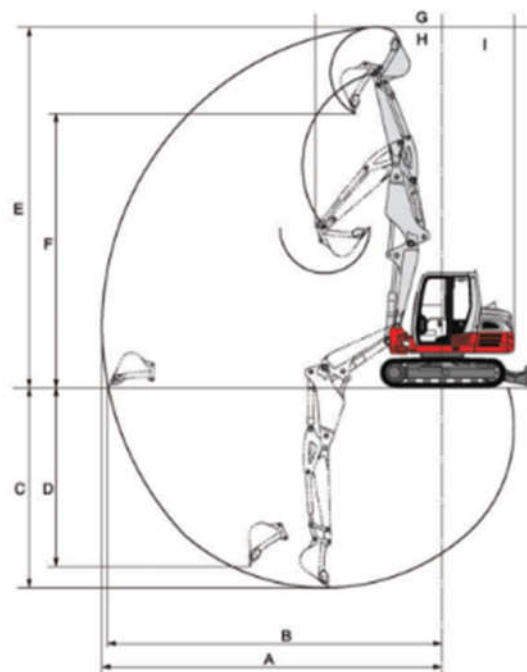


MACHINE DIMENSIONS		Mono Boom			2-Piece Boom
		1,780 mm ARM	1,960 mm ARM	2,130 mm ARM	
A	Overall Length	6,530 mm	6,575 mm	6,660 mm	6,700 mm
B	Overall Height	2,550 mm	2,550 mm	2,550 mm	2,550 mm
C	Upper Structure Overall Width	2,140 mm	2,140 mm	2,140 mm	2,140 mm
D	Ground Clearance	370 mm	370 mm	370 mm	370 mm
E	Crawler Base	2,210 mm	2,210 mm	2,210 mm	2,210 mm
F	Crawler Overall Length	2,855 mm	2,855 mm	2,855 mm	2,855 mm
G	Crawler Overall Width	2,200 mm	2,200 mm	2,200 mm	2,200 mm
H	Crawler Shoe Width (Rubber)	450 mm	450 mm	450 mm	450 mm

Mono Boom



2 Piece Boom



MACHINE DIMENSIONS		Mono Boom			2-Piece Boom
		1,780 mm ARM	1,960 mm ARM	2,130 mm ARM	
A	Maximum Reach	7,105 mm	7,275 mm	7,435 mm	7,730 mm
B	Maximum Reach at Ground Level	6,950 mm	7,125 mm	7,290 mm	7,595 mm
C	Maximum Digging Depth	4,230 mm	4,410 mm	4,580 mm	4,480 mm
D	Maximum Vertical Digging Depth	3,470 mm	3,650 mm	3,820 mm	3,990 mm
E	Maximum Height of Cutting Edge	7,030 mm	7,165 mm	7,290 mm	8,035 mm
F	Maximum Dumping Height	4,995 mm	5,135 mm	5,260 mm	6,110 mm
G	Front Swing Radius	2,240 mm	2,360 mm	2,495 mm	2,675 mm
H	Front Swing Radius with Boom Offset	1,810 mm	1,910 mm	2,030 mm	2,190 mm
I	Slew Radius	1,650 mm	1,650 mm	1,650 mm	1,650 mm