

Product Specifications

OPERATING PERFORMANCE

	Mono Boom	2-Piece Boom
Operating Weight - Cab (Rubber)	15,420 kg	16,050 kg
Operating Weight - Cab (Steel)	15,520 kg	16,150 kg
Bucket Capacity (Heaped)	0.45 m ³	
Slew Speed	11.0 min ⁻¹	
Travel Speed		
1st	2.9 km/h	
2nd	5.5 km/h	
Gradeability	35 ^o	
Ground Pressure		
Rubber Crawler	45.4 kPa	47.3 kPa
Steel Crawler	46.2 kPa	48.1 kPa
Maximum Bucket Breakout Force	96.3 kN	
Maximum Arm Digging Force (2,320 mm Arm)	65.4 kN	
Maximum Arm Digging Force (2,850 mm Arm)	60.0 kN	
Traction Force	156.7 kN	

ENGINE

Model	DEUTZ TCD3.6L4
Rated Output (ISO 14396)	85 kW/2000 min ⁻¹
Maximum Torque	460 Nm/1600 min ⁻¹
Displacement	3,621 ml
Alternator	28 V-2.24 kW
Battery (IEC 60095-1)	12 V - 90A·h x 2

FLUID CAPACITIES

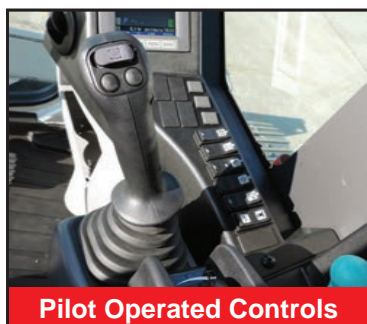
Engine Lubrication	10 L
Cooling System	27 L
Fuel Tank Capacity	221 L
Hydraulic Reservoir Capacity	102 L
Hydraulic System Capacity	235 L
DEF Tank Capacity	20 L

SAFETY and HEALTH

Vibration Levels	
Hand / Arm	≤ 2.5 m/s ²
Body	≤ 0.5 m/s ²
Noise Level	
Sound Power Level	LWA 99 dB

HYDRAULIC SYSTEM

P1, P2	Variable Displacement Pump
Flow Rate	112 L/min
Relief Pressure	34.3 MPa
P3	Gear Pump
Flow Rate	20 L/min
Relief Pressure	3.9 MPa
P4	Gear Pump
Flow Rate	54.8 L/min
Relief Pressure	23.6 MPa
Service Port 1	
Flow Rate	112 L/min
Flow Rate - High Flow	224 L/min
Hydraulic Pressure	27.5 MPa
Service Port 2	
Flow Rate	54.8 L/min
Hydraulic Pressure	23.6 MPa
Service Port 3	
Hydraulic Pressure	21.0 MPa
Service Port 4	
Flow Rate	54.8 L/min
Hydraulic Pressure	23.6 MPa



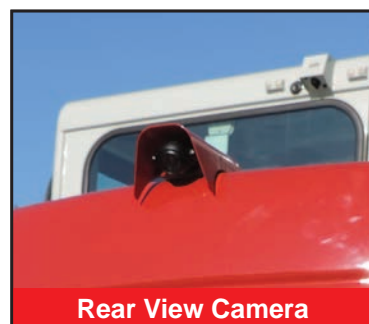
Pilot Operated Controls



Sealed Rocker Switches



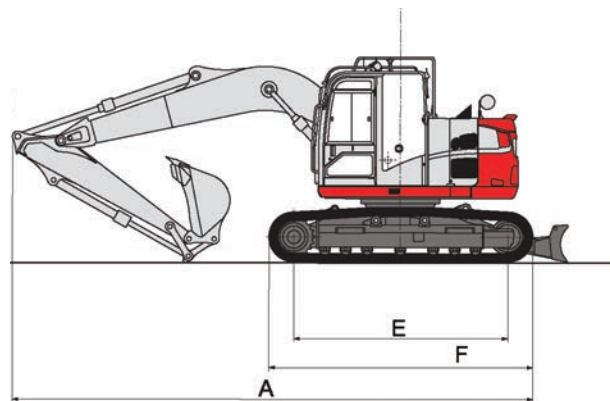
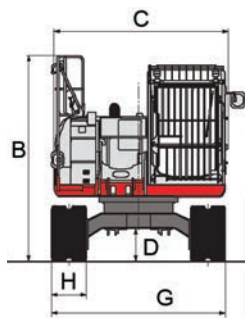
Hydraulic Fan Drive for Radiator



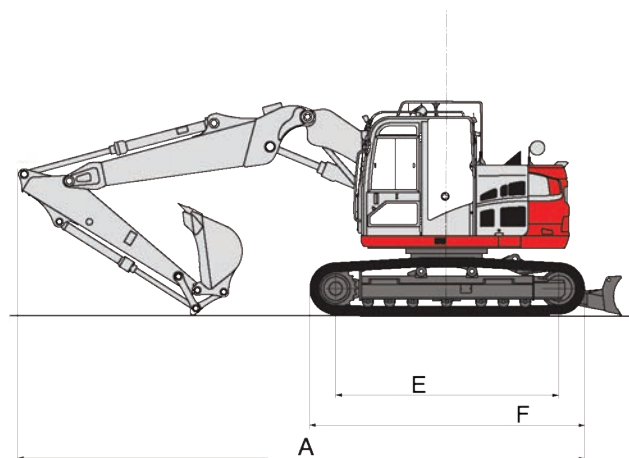
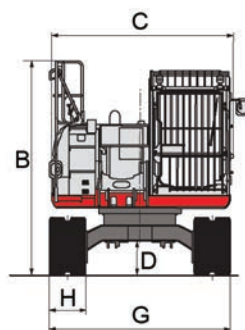
Rear View Camera

TB2150R Machine Dimensions

Mono Boom



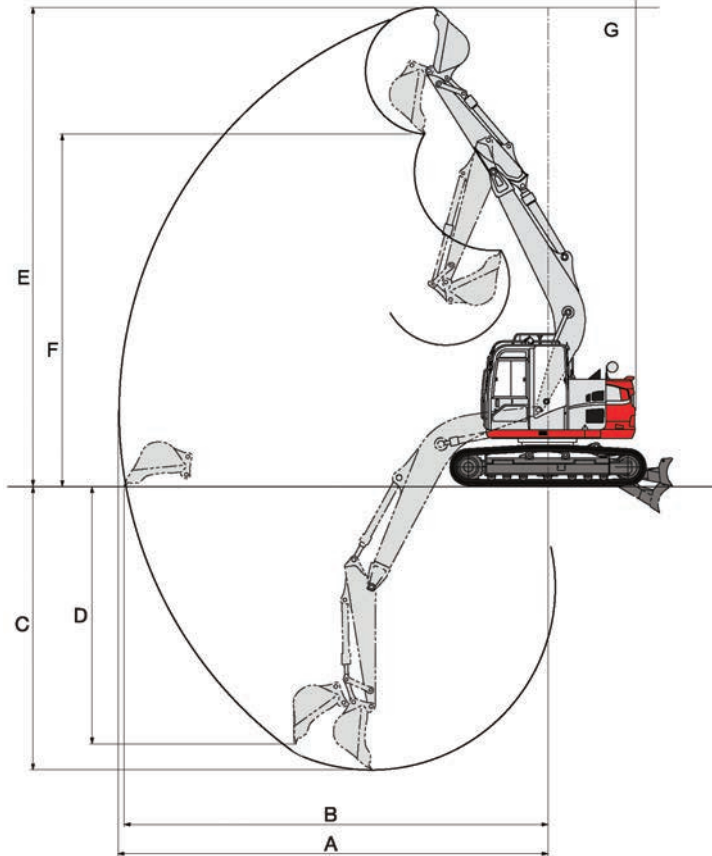
2-Piece Boom



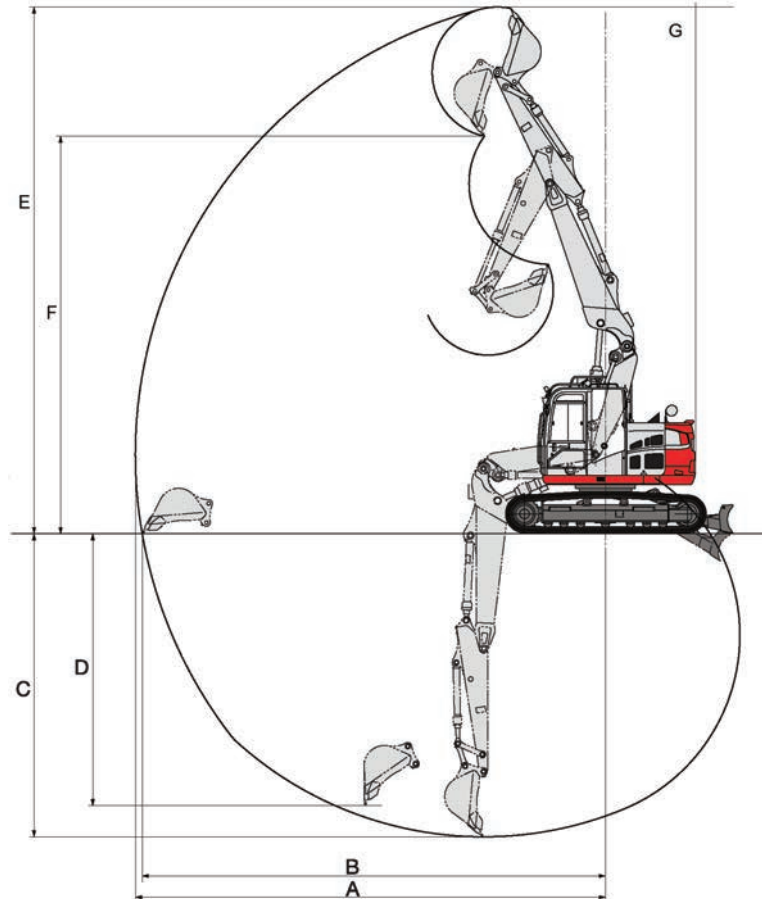
MACHINE DIMENSIONS	Mono Boom		2-Piece Boom
	2,320 mm Arm	2,850 mm Arm	
A Overall Length	7,490 mm	7,445 mm	7,785 mm
B Overall Height	2,960 mm	3,190 mm	2,960 mm
C Upper Structure Overall Width	2,500 mm	2,500 mm	2,500 mm
D Ground Clearance	475 mm	475 mm	475 mm
E Crawler Base	3,080 mm	3,080 mm	3,080 mm
F Crawler Overall Length	3,795 mm	3,795 mm	3,795 mm
G Crawler Overall Width	2,490 mm	2,490 mm	2,490 mm
H Crawler Shoe Width	500 mm	500 mm	500 mm

TB2150R Operating Dimensions

Mono Boom



2-Piece Boom



OPERATING DIMENSIONS	Mono Boom		2-Piece Boom
	2,320 mm Arm	2,850 mm Arm	
A Maximum Reach	8,330 mm	8,790 mm	8,860 mm
B Maximum Reach at Ground Level	8,195 mm	8,665 mm	8,730 mm
C Maximum Digging Depth	5,500 mm	6,030 mm	5,720 mm
D Maximum Vertical Digging Depth	4,995 mm	5,515 mm	5,130 mm
E Maximum Height of Cutting Edge	9,300 mm	9,630 mm	9,925 mm
F Maximum Dumping Height	6,845 mm	7,170 mm	7,490 mm
G Slew Radius	1,700 mm	1,700 mm	1,700 mm

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FORM: TB2150R Excavator Spec Sheet - Apr. 2019

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