

Technical specifications

Performance		Power system	
Rated Operating Capacity	1100 kg / 2430 lbs	Engine Model	YANMAR 4TNV98CT
Operating Weight	5070 kg / 11177 lbs	Engine Speed	2400 rpm
Tipping Load	3148 kg / 6943 lbs	Rated Power	53.7 kW / 73 hp
Breakout Force, Tilt Cylinder	25.5 kN / 5733 lbf	Peak Torque	280 N.m @1560 rpm
Lift Geometry	Vertical Lift	Displacement	3.319 L / 203 in ³
Travel Speed One	8.0 km/h / 5.0 mph	Bore x Stroke	φ98X110 mm / 3.9X4.3 in
Travel Speed Two	13.2 km/h / 8.0 mph	Aspiration	Turbo-charger
Cycle Time (Raise/Lower/Dump)	9.0 s	Emissions	Tier 4 Final
Track Width	320 mm / 12.6 in		

Machine dimensions

Overall dimensions	ST230V
A Maximum Overall Height	3965 mm / 156.1 in
B Bucket Pin Height at Maximum Lift	3060 mm / 120.5 in
C Clearance at Maximum Lift and Dump	2340 mm / 92.1 in
L1 Reach at Maximum Lift and Dump	1065 mm / 41.9 in
D Ground Clearance	230 mm / 9.1 in
E Track Length On Ground	1460 mm / 57.5 in
F Bumper Overhang behind Rear Axle	883 mm / 34.8 in
R Turning Radius from Center-Bucket	2100 mm / 82.7 in
R1 Turning Radius from Center-Machine Rear	1685 mm / 66.3 in
G1 Maximum Dump Angle	40°
G2 Rollback Angle of Bucket on Ground	30°
G3 Departure Angle	28°
L2 Length without Bucket	2885 mm / 113.6 in
L Length with Bucket on Ground	3610 mm / 142.1 in
W1 Over the Track Width	1675 mm / 65.9 in
W Over the Bucket Width	1727 mm / 68 in
H Height to Top of Cab	2100 mm / 82.7 in

