

ST50

Compact Track Loader

Do more

The ST50 is the largest and most powerful track loader in the Wacker Neuson lineup. Equipped with a 75 kW Kohler engine, making 490 Nm of torque, this machine is a productive workhorse. The extra power enhances the auxiliary flow for improved performance with high flow attachment applications like cold planning and brush clearing.

Highlights

- Controls for Every Operator
- Two-speed transmission
- 5.7-inch Color Display
- Forward Tipping Cab
- Maximum Visibility

Technical Data

Hydraulic

Flow rate	95.0 l/min
Flow rate max.	141.0 l/min
Auxiliary hydraulics relief pressure	275.0 bar

Mechanical - Output Details

Ground Pressure	0.3 bar
Breakout force - tilt	42,761.0 kN
Breakout force - lift	42,276.0 N
Tractive Effort max. at 100% effective force	55,970.0 N
Travel speed stage 1	10.0 km/h
Travel speed stage 2	16.0 km/h

Mechanical Details

Operating weight	4,892.0 kg

Engine

Cooling	Water-cooling
Engine type	Diesel engine
Cylinder	4.0
Cylinder capacity	3,400.0 cm^3
Oil filling max.	15.6 l
Operating power	75.0 kW
Operating Engine speed	2,500.0 1/min
Battery capacity (nom. value)	950.0 Ah
Engine Manufacturer	Kohler

Operating Fluids

Hydraulic fluid volume	40.0 l
Fuel Tank capacity	133.0 l

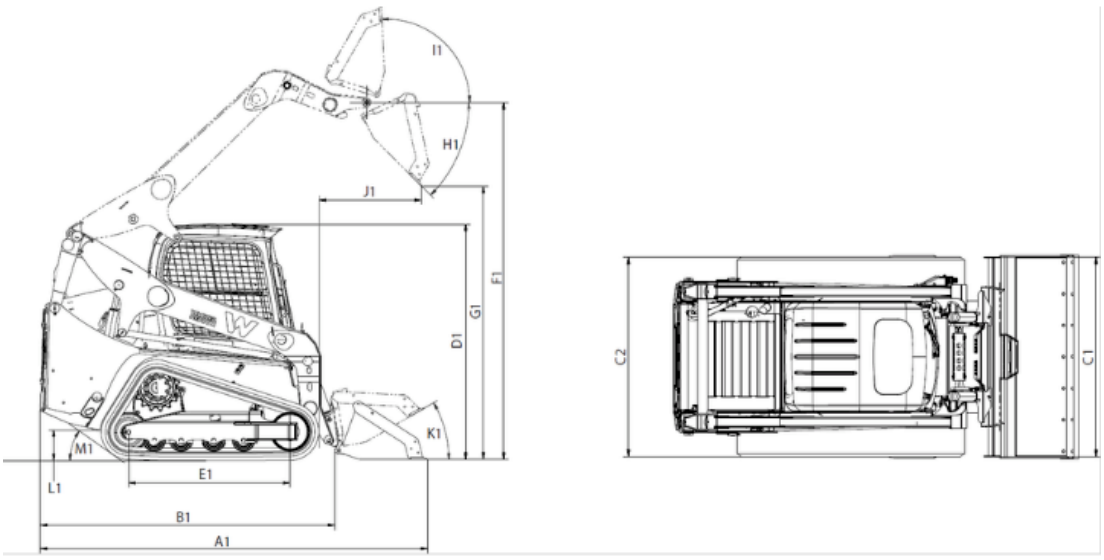
Chassis

Tip Load	4,536.0 kg
Rated Operating Capacity at 35% Tip Load	1,588.0 kg

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Dimensions



A1	Overall length with bucket	3,794 mm
B1	Overall length without bucket	3,048 mm
C1	Overall width with bucket	2,045 mm
C2	Overall width without bucket	1,982 mm
D1	Overall height	2,150 mm
F1	Hinge pin height	3,463 mm
G1	Dump height max.	2,755 mm
H1	Dump angle	40 °
I1	Bucket rollback at max. stroke height	94 °
J1	Dump reach	926 mm
L1	Ground clearance	272 mm
M1	Angle of departure	30 °
E1	Length of track on ground	1,683 mm
K1	Bucket rollback at ground level	30 °

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