

ST50

Compact Track Loader

Do more

The ST50 is the largest and most powerful track loader in the Wacker Neuson lineup. Equipped with a 100 hp Kohler engine, making 361 ft-lb 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	25.1 gal/mi
Flow rate max.	37.2 gal/mi
Auxiliary hydraulics relief pressure	3,987.5 psi

Mechanical - Output Details

Ground Pressure	4.8 psi
Breakout force - tilt	9,613,057.6 lbf
Breakout force - lift	9,504.0 lbf
Tractive Effort max. at 100% effective force	12,582.6 lbf
Travel speed stage 1	6.2 m/H
Travel speed stage 2	9.9 m/H

Mechanical Details

Operating weight	10,785.0 lb

Engine

Cooling	Water-cooling
Engine type	Diesel engine
Cylinder	4.0
Cylinder capacity	207.5 Inch3
Oil filling max.	4.1 gal US
Operating power	100.6 hp
Operating Engine speed	2,500.0 1/min
Battery capacity (nom. value)	950.0 Ah
Engine Manufacturer	Kohler

Operating Fluids

Hydraulic fluid volume	42.3 qt US
Fuel Tank capacity	35.1 gal US

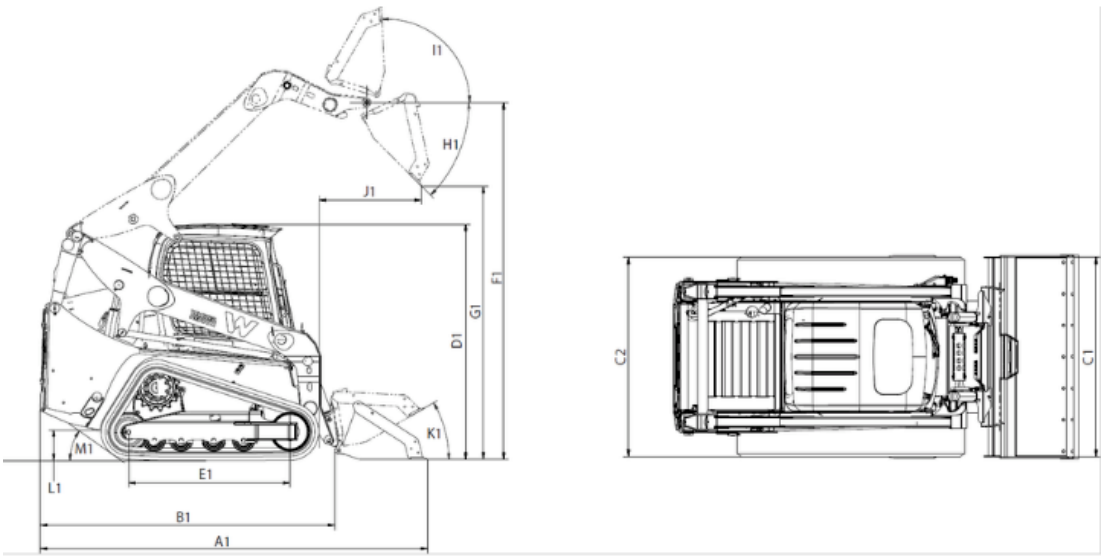
Chassis

Tip Load	10,000.2 lb
Rated Operating Capacity at 35% Tip Load	3,500.9 lb

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Dimensions



A1	Overall length with bucket	149.4 in
B1	Overall length without bucket	120 in
C1	Overall width with bucket	80.5 in
C2	Overall width without bucket	78 in
D1	Overall height	84.6 in
F1	Hinge pin height	136.3 in
G1	Dump height max.	108.5 in
H1	Dump angle	40 °
I1	Bucket rollback at max. stroke height	94 °
J1	Dump reach	36.5 in
L1	Ground clearance	10.7 in
M1	Angle of departure	30 °
E1	Length of track on ground	66.2 in
K1	Bucket rollback at ground level	30 °

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