



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}{100 hp} Kohler engine, making {499 Nm}{368 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
- Filter Free After-treatment
- Expansive Maintenance Access

Technical Data

Hydraulic

flow rate	95,0 l/min
flow rate max.	141,0 l/min
Auxiliary relief pressure	275,0 bar

Mechanical - Output Details

Break Out Force Bucket	35.285,0 N
Break Out Force Lift Arm	41.686,0 N
Tractive Effort max.	55.970,0 N
travel speed stage 1	10,0 km/h
travel speed stage 2	16,0 km/h

Mechanical Details

Length without Bucket	2.984,0 mm
Length with Bucket	3.693,0 mm
Overall width without bucket	1.982,0 mm
Height to top of ROPS	2.151,0 mm
Bucket Hinge Pin Height	3.464,0 mm
Angle of departure	31,0 °
Bucket height at height max.	2.765,0 mm
Buck. dump angle at height max	44,0 °

Operating weight	4.843,0 kg
Track width	450,0 mm
Ground clearance	265,0 mm

Engine

Cooling	water-cooling
Engine type	Diesel engine
Cylinder	4,0
Cylinder capacity	3.359,0 cm ³
Operating power	75,0 KW
Operating Engine speed	2.500,0 1/min
Battery capacity (nom. value)	950,0 Ah
Manufacturer	Kohler

Operating Fluids

Fuel Tank capacity	151,0 l
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Chassis

Tip Load	4.536,0 kg
Nennbetriebskapazität bei 50% Kipplast	2.268,0 kg
Nennbetriebskapazität bei 35% Kipplast	1.588,0 kg

Dimensions

A1	Overall length with bucket	3,693.8 mm
B1	Overall length without bucket	2,984.8 mm
C2	Overall width without bucket	1,982 mm
F1	Hinge pin height	3,463 mm
G1	Dump height max.	2,765 mm
L1	Ground clearance	265.7 mm
M1	Angle of departure	31 °