

# ST31

## Track Loaders



**WACKER  
NEUSON**  
*all it takes!*



### Vertical Lift Track Loader

The ST31 offers the power and torque needed for any jobsite. This unit delivers 3,100 pounds of rated operating capacity at 50% and is a class leader with lift height over 125 inches. The machine is equipped with a 74 hp turbo-charged Kohler Tier 4 Final engine offering class leading engine torque. Mechanical Hand-Foot and Selectable EH controls ensures operators with any control preference can efficiently operate the machine. With generous door width and height, visibility of the attachment and the surroundings is superior to the competition.

- With a top speed of nearly 10 MPH, travel time is reduced giving the operator more time throughout the day to get more tasks completed.
- Spacious extended cab maximizes room and comfort for the operator to move inside the cab.
- Quick and easy service access from the forward tilting cab and the arrangement of internal components makes it easy to maintain the machine.
- Class leading track-on-ground of 57.2" decreases ground pressure while increasing digging performance.
- Optional high flow hydraulics increase the range of usable attachments improving efficiency and productivity.

## ST31 Technical specifications

### ST31

#### Operating data

Height top of ROPS	2,108 mm
Overall length w/ bucket	3,470 mm
Overall length w/o bucket	2,708 mm
Height Hinge Pin Max	3,188 mm
Operating weight	3,671 kg
Rated Operating Capacity ROC 50%	1,406 kg
Rated Operating Capacity ROC 35%	984 kg
Dump reach	913 mm
Length of track on ground	1,453 mm
Dump height max. at max height	2,469 mm
Angle of departure	30.7 °
Tipping angle (bucket dump) w/ bucket at max height	42 °
Ground clearance	231 mm
Breakout force max. - Bucket	23.6 kN
Breakout force max. - Boom	22.2 kN
Width	1,704 mm
Width Track	320 mm

#### Engine / Motor

Engine / Motor manufacturer	Kohler
Engine / Motor	KDI 2504 TCR
Engine performance	55 kW
Displacement	2,482 cm <sup>3</sup>
RPM / speed	2,750 rpm
Battery	950 Ah
Fuel tank capacity	113.6 l

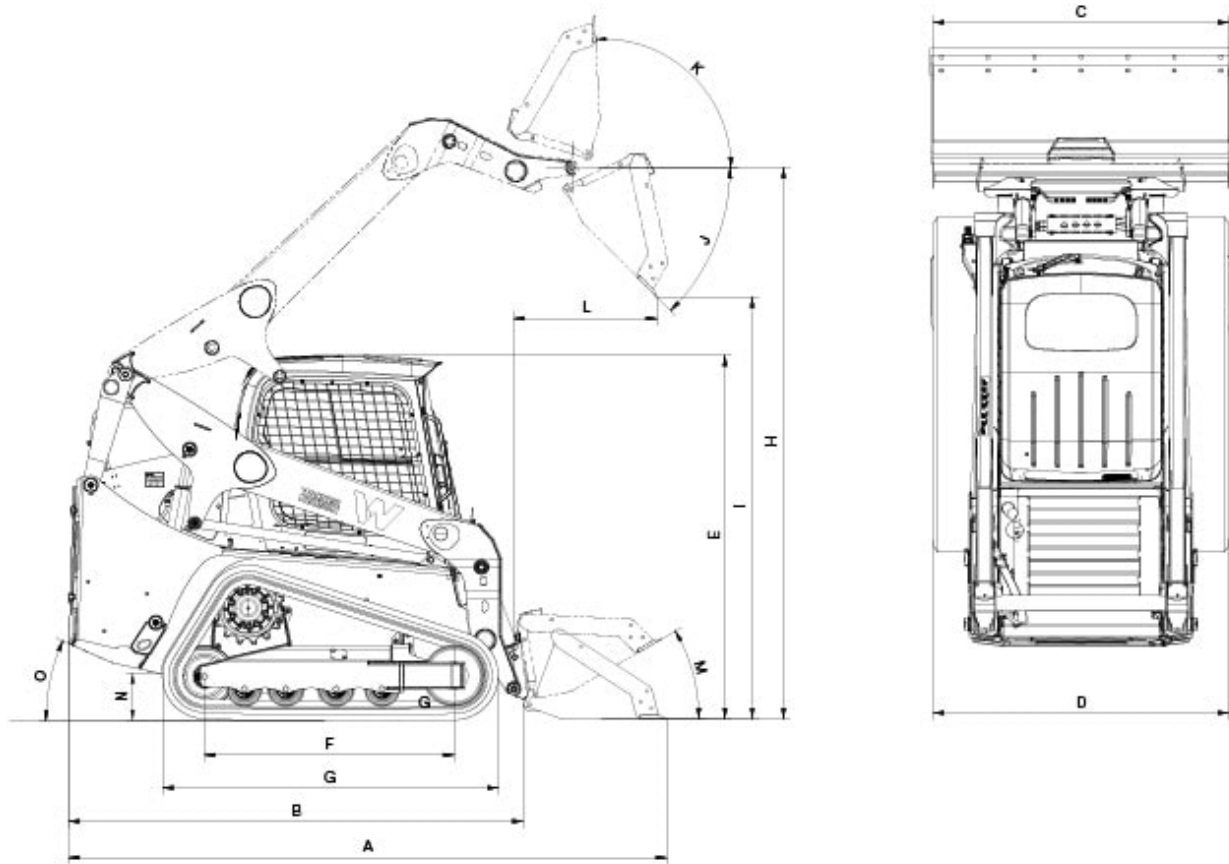
#### Hydraulic system

Auxiliary Hydraulics- Standard Flow	76 l/min
Auxiliary Hydraulics- High Flow	113.6 l/min
Pressure aux. relief	241 bar
Hydraulic oil tank	11 l

#### Power transmission

Travel speed low	11.3 km/h
Travel speed high	16.1 km/h

## ST31 Dimensions



		ST31
A	Overall length with bucket	3,469 mm
B	Overall length without bucket	2,708 mm
D	Overall width without bucket (Standard Tracks)	1,705 mm
	Overall width without bucket (Wide Tracks)	1,785 mm
E	Overall height	2,108 mm
G	Track length	1,452 mm
H	Hinge pin height	3,038 mm
I	Dump height max.	2,319 mm
J	Dump angle	42 °
K	Bucket rollback at max. stroke height	30 °
L	Dump reach	745 mm
M	Bucket rollback at ground level	30 °
N	Ground clearance	230 mm
O	Angle of departure	30.7 °

Please note: that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions. Subject to alterations and errors excepted. Applicable also to illustrations.  
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