



**WACKER
NEUSON**
all it takes!

ST31

Compact Track Loader



Efficient Excellence

The ST31 medium frame with the lift capacity of larger loaders. The vertical lift arm, 3.2 meter lift height and 55 kW regeneration free engine makes the ST31 an accomplished material handler. Perfect for use in a wide range of applications, from moving palletised material around a construction site to truck loading. The wide double-steel reinforced tracks provide stability and reduced total cost of ownership.



Maintenance and filter free after-treatment

Maintenance and regeneration free after treatment eliminates extreme heat and reduced performance during regeneration.



Maximum visibility

Low mounted tilt cylinders, expansive door, sloped rear engine compartment and large side windows maximise operator visibility in every direction

Controls for every operator

Mechanical hand-foot controls allow the user to operate boom and bucket controls via foot pedals and machine steering via hand levers. Selectable EH joystick controls: Control patterns can be toggled between ISO and H-Pattern via a switch in the cab. Sensitivity can be adjusted to the operator's preferences. With adjustable sensitivity and control patterns, the loader is designed to fit the control preferences of the operator.





High hinge pin height

Maximises loading and unloading capabilities for any industry and on any jobsite



Comfortable, spacious cab

The loader comes with a spacious extended cab that maximizes room and comfort for the operator to move inside the cab



Ergonomic cab design

Joysticks, armrests and seat are all connected and move as one unit making it more comfortable and easier to operate in rough environments



Technical Information

	Units	ST31
Hydraulic		
Flow rate	l/min	75
Flow rate max.	l/min	113
Auxilliary relief pressure	bar	227
Mechanical – Output Details		
Ground pressure (standard track)	bar	0.4
Break Out Force Bucket	N	23,576
Break Out Force Lift Arm	N	22,241
Tractive Effort max. at 100% effective force	N	43,920
Bucket Roll Back	s	1.6
Bucket Roll Out	s	2.1
Lift Arm Raise	s	3.7
Lift arm lower	s	2.5
Travel speed stage 1	km/h	10.5
Travel speed stage 2	km/h	15.5
Mechanical Details		
Overall length without bucket	mm	2,708
Overall Length with Bucket	mm	3,469
Overall width without bucket	mm	1,705

	Units	ST31
Overall height to top of ROPS	mm	2,108
Bucket hinge pin height	mm	3,188
Bucket roll back at ground	°	30
Bucket roll back at max. height	°	30
Angle of departure	°	30
Bucket dump height at max. height	mm	2,469
Bucket dump angle at max. height	°	42
Operating weight	kg	3,672
Track width	mm	324
Ground clearance	mm	1230
Length of track on ground	mm	1,452
Dump reach at max. height	mm	995
Operating Fluids		
Fuel Tank capacity	l	124
Chassis		
Tip Load	kg	2,812
Rated Operating Capacity at 50% Tip Load	kg	1,406
Rated Operating Capacity at 35% Tip Load	kg	984

The images, equipment and data shown may differ from the range of products currently available in your country.
Optional equipment may be shown under certain circumstances subject to a surcharge in the price. The right to make any changes is reserved.

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