





WL1150

Wheel Loader

Powerful entry-level model

These features characterize the WL1150 wheel loader: Comfort cab with excellent ergonomics and all-round visibility, electronically controlled travel drive with various travel modes, robust loader arm with the best view of the attachment, wide range of options and a modern machine design. The transversely installed motor and the optimized arrangement of components ensure very good maintenance accessibility. The WL1150 is the ideal entry-level model in the wheel loader class with 1,00 m³ bucket volume. It combines power, reliable hydraulics and compact dimensions with sophisticated technology and a convincing price-performance ratio.

Highlights

- Comfortable Cab
- Robust central joint with optimized hose routing
- Service access front end
- Motor installed transversely
- Electronically regulated drive system

Technical Data

Standard	engine	data
	090	

Engine manufacturer	Kohler
Motor type	KDI 2504 TCR
Cylinder	4
Drive output	55.4 kW
Drive output	75 PS
at max. rpm	2,300 U/min
Maximum torque	315 Nm
Cylinder capacity	2,482 cm ³
Type of coolant	Water
Exhaust standard level	V
Exhaust aftertreatment	DOC/DPF
Electrical system	
Operating voltage	12 V
Battery	100 Ah
Alternator	120 A
Weights	
Bucket capacity (standard bucket)	1.00 m ³
Operating weight	5,700 - 6,100 kg
Tipping load with bucket – machine straight, loading frame horizontal	3,730 - 4,060 kg

Tipping load with bucket – machine pivoted, loading frame horizontal	3,150 - 3,500 kg	
Tipping load with pallet fork – machine straight, loading frame horizontal	3,290 - 3,570 kg	
Tipping load with pallet fork – machine pivoted, loading frame horizontal	2,810 - 3,090 kg	
■ Driver's cab		
Driver's cab	Cab	
Filling levels		
Tank capacity for fuel	80 I	
Tank capacity for hydraulic oil	32 I	
Drive system		
Type of drive	electronically controlled	
drive unit	hydrostatic via transfer gearbox and universal joint shaft	
Speed levels	2	
Axle	PA1422	
Travel speed Standard	0-20 km/h	
Travel speed Option 1	0-30 km/h	
Operating brake	disc brake	
Parking brake	Disc brake (mechanical handbrake lever)	
Differential lock	100 % front axle + rear axle	

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

Hydraulic system

•	
Drive hydraulics working pressure (max.)	500 bar
Work hydraulics discharge volume (max.)	77 (95) I/min
Work hydraulics working pressure (max.)	235 bar
Kinematics	
Kinematics type	Z
Lifting cylinder	1
Tipping cylinder	1
Quick change system	hydraulic

Steering

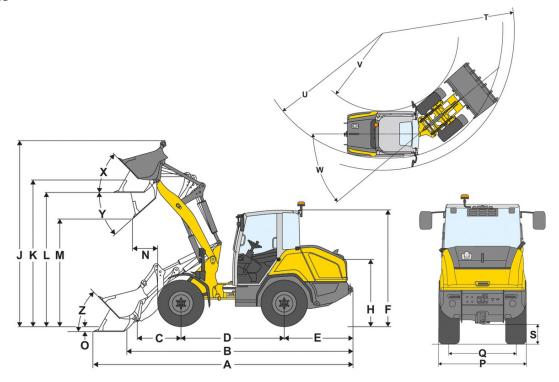
- Ottoorning		
Steering type	hydraulically activated articulated pendulum steering	
Steering cylinder	1	
 Noise characteristic values 		
Average sound power level LwA (cabin)	99.8 dB(A)	

Average sound power level LwA (cabin)	99.8 dB(A)
Guaranteed sound power level LwA (cabin)	101 dB(A)
Specified sound pressure level LpA (cabin)	71 dB(A)

Other information

DPF = diesel particulate filter
DOC = diesel oxidation catalyst
Tipping load calculation pursuant to ISO 14397

Dimensions



Α	Total length	5,705 mm
В	Total length without bucket	4,855 mm
С	Bucket pivot point (to center of axle)	1,120 mm
D	Wheel base	2,150 mm
Е	Rear overhang	1,435 mm
F	Height with cab	2,510 mm
Н	Seat height	1,485 mm
J	Total working height	4,305 mm
K	Bucket pivot point (max. lift height)	3,425 mm
L	Load-over height	3,175 mm
M	Dumping height	2,545 mm
Ν	Reach (at M)	880 mm
0	Digging depth	105 mm
Р	Total width	1,830 mm
Q	Track width	1,420 mm
S	Ground clearance	365 mm
Т	Maximum radius	4,450 mm
U	Radius on the outer edge	3,990 mm
V	Inner radius	2,070 mm
W	Articulation angle	40 °
X	Rollback angle at max. lift height	65 °
Υ	Dumping angle	45 °
Z	Rollback angle on ground	45 °