



WL750p

Wheel loaders

Performance that sets the benchmark

The WL750p wheel loader was developed for professional applications in demanding conditions and stands out for its maximum efficiency, high material handling capacity, and advanced assistance systems. Thanks to a wide range of options, the machine can be optimally adapted to individual requirements. The high-performance engine, the powerful working hydraulics, and the electronically controlled drive system with various drive modes ensure maximum productivity and dynamic handling characteristics. The Performance series for professional applications stands out with the following features: robust load arm with excellent visibility of the attachment, comfort cab (with a wide entry, a suspension-mounted control console, and standardized operating philosophy with a color-coded control concept), comprehensive lighting packages and active work lights, efficiency-enhancing loader system assistance package, Flow Sharing (included as standard equipment), object detection for increased safety, travel speed of up to 40 km/h, an electric parking brake, and excellent service accessibility via a transversely mounted engine and optimized component layout.

Highlights

- Loading system assistance package
- Optimal view of the pallet fork
- Comfortable Cab
- Easy entry and exit
- Power Drive: up to 40 km/h driving speed

Technical Data

Standard engine data

Engine manufacturer	Rehiko
Motor type	KDI1903TCR
Cylinder	3
Drive output	50 kW
Drive output	68 PS
at max. rpm	2,600 U/min
Maximum torque	250 Nm
Cylinder capacity	1,861 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)	0.65 m ³
Operating weight	3,960 - 4,280 kg
Thrusting force (max.)	3,050 - 3,500 daN
Thrust force (max.)	3,720 daN
Lift capacity (max.)	3,320 daN
Tipping load with bucket – machine straight, loading frame horizontal	3,220 - 3,640 kg
Tipping load with bucket – machine pivoted, loading frame horizontal	2,810 - 3,150 kg
Tipping load with pallet fork – machine straight, loading frame horizontal	2,630 - 3,970 kg
Tipping load with pallet fork – machine pivoted, loading frame horizontal	2,300 - 2,580 kg

Driver's cab

Driver's cab	Cab
--------------	-----

■ Filling levels

Tank capacity for fuel	80 l
Tank capacity for hydraulic oil	32 l

■ Drive system

Type of drive	electronically controlled
drive unit	hydrostatic via the transfer box and the drive shaft
Speed levels	2
Axle	PA1200
Travel speed Standard	0-20 km/h
Travel speed Option 1	0-30 km/h
Travel speed Option 2	0-40 km/h
Operating brake	drum brake (multi-disk brakes, option)
Parking brake	drum brake (mechanical handbrake lever)
Differential lock	100 % front axle + rear axle

■ Hydraulic system

Drive hydraulics working pressure (max.)	500 bar
Work hydraulics discharge volume (max.)	85 l/min
Work hydraulics working pressure (max.)	235 bar

■ Kinematics

Kinematics type	P
Lifting cylinder	1
Tipping cylinder	1
Quick change system	hydraulic

■ Steering

Steering type	hydraulically activated articulated pendulum steering
Steering cylinder	1
Oscillating angle	± 10 degree

■ Noise characteristic values

Average sound power level LwA (cabin)	99.4 dB(A)
Guaranteed sound power level LwA (cabin)	101 dB(A)
Specified sound pressure level LpA (cabin)	70 dB(A)

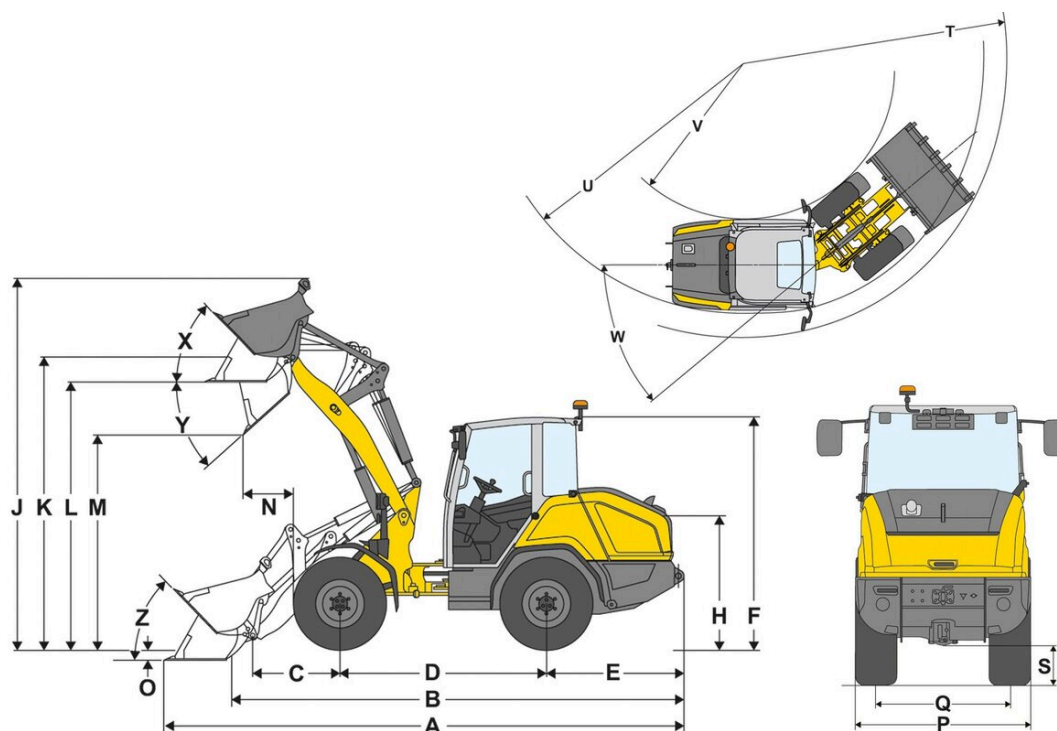
■ Other information

DPF = Diesel particulate filter

DOC = oxidation catalyst

Tipping load calculation according to ISO 14397

Dimensions



A	Total length	5,420 mm
B	Total length without bucket	4,610 mm
C	Bucket pivot point (to center of axle)	910 mm
D	Wheel base	2,150 mm
E	Rear overhang	1,435 mm
F	Height with cab	2,485 mm
H	Seat height	1,460 mm
J	Total working height	3,875 mm
K	Bucket pivot point (max. lift height)	3,050 mm
L	Load-over height	2,790 mm
M	Dumping height	2,240 mm
N	Reach (at M)	530 mm
O	Digging depth	105 mm
P	Total width	1,530 mm
Q	Track width	1,170 mm
S	Ground clearance	345 mm
T	Maximum external radius	4,165 mm
U	Radius on the outer edge	3,850 mm
V	Inner radius	2,220 mm
W	Articulation angle	40 °
X	Rollback angle at max. lift height	45 °
Y	Dumping angle maximal	42 °
Z	Rollback angle on ground	46 °