

WL110

Articulated Wheel Loaders



**WACKER
NEUSON**
all it takes!



WL110 Technical specifications

Engine / Motor

Engine / Motor manufacturer	Deutz
Engine / Motor type	TCD 4.1 S5
Cylinder	4
Engine performance	115 kW
at rpm maximum	2,300 rpm
Displacement	4,038 cm ³
Coolant type	Water/charge air
Exhaust after treatment	DOC + DPF + SCR
Emission standards stage	Stage V

Electrical system

Operating voltage	12 V
Battery	185 Ah
Alternator	120 A

Weights

Operating weight	11,250 kg
Tipping load with bucket - machine straight	7,739 kg
Tipping load with bucket - machine at angle	6,674 kg
Tipping load with pallet fork - machine straight	6,851 kg
Tipping load with pallet fork - machine at angle	5,946 kg

Vehicle data

Bucket capacity Standard bucket	1.8 m ³
Traction drive	Hydrostatic via universal joint shaft
Axles	PA1900
Drivers cab	Cab
Speed (optional)	0-20 (40) km/h
Speed Level	3
Standard tires	500 / 70 R24 Michelin BIBLOAD ET40

Hydraulic system

Driving hydraulics - operating pressure	480 bar
Operating hydraulics - operating pressure	250 bar
Operating hydraulics - discharge capacity	180 l/min

Filling capacities

Fuel tank capacity	140 l
Hydraulic oil tank	125 l

Sound level

Average sound power level LwA	100.7 dB(A)
Guaranteed sound power level LwA	102 dB(A)
Specified sound pressure level LpA	70 dB(A)

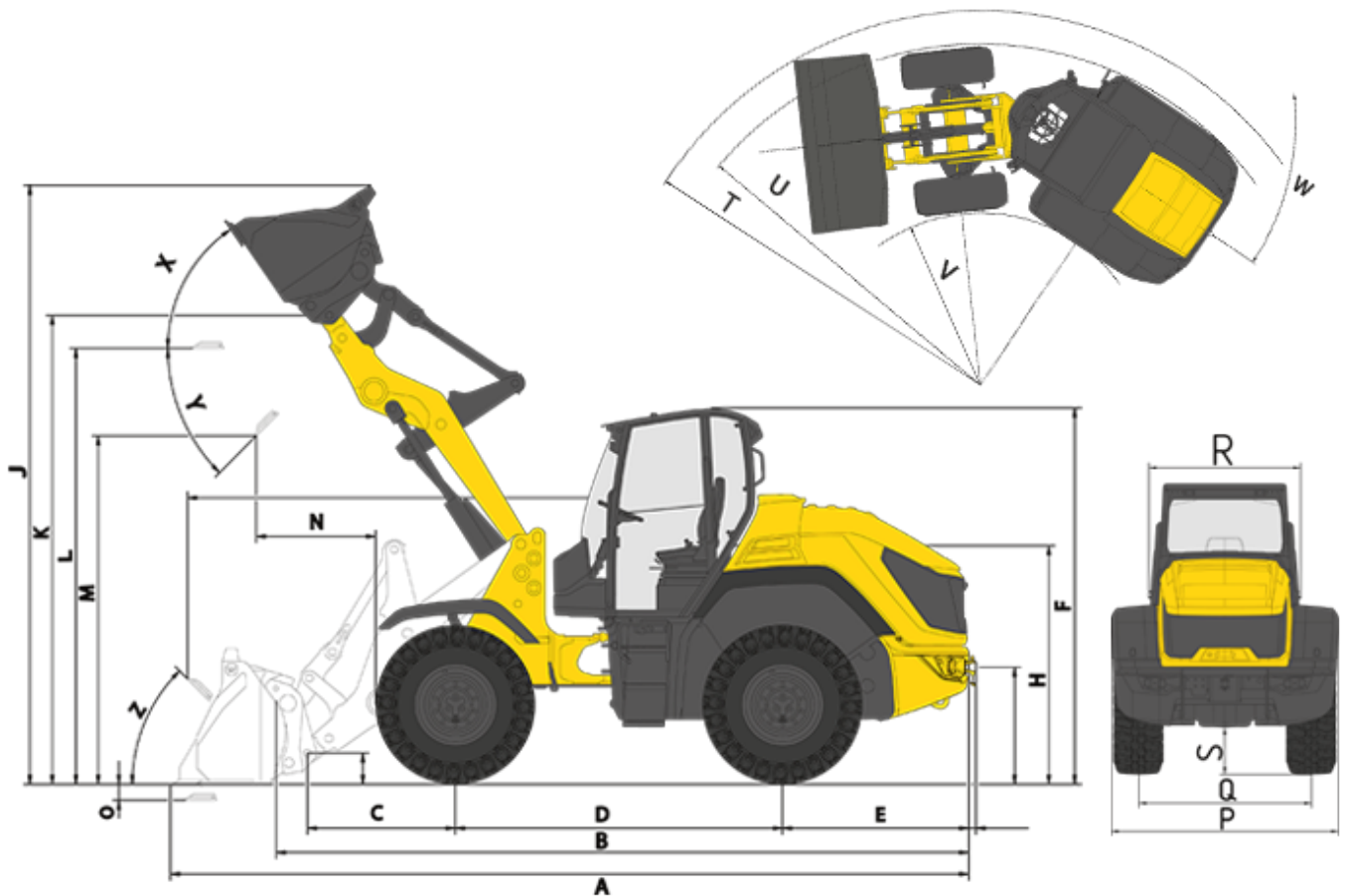
Tipping load calculation pursuant to ISO 14397 (mast horizontal)

DPF = Diesel Particle Filter

DOC = Diesel Oxidization Catalyst

SCR = Selective Catalytic Reaction

WL110 Dimensions



A	Overall length	6,500 mm
B	Overall length without bucket	5,610 mm
C	Bucket pivot point to axle center	1,200 mm
D	Wheelbase	2,660 mm
E	Rear overhang	1,520 mm
F	Height With cab	3,060 mm
H	Seat height	1,940 mm
J	Total operating height	4,870 mm
K	Stroke height max. - bucket pivot point	3,820 mm
L	Overhead loading height	3,550 mm
M	Dump height max.	2,840 mm
N	Range With M	970 mm
O	Scraping depth	126 mm
P	Overall width	2,390 mm
Q	Track width	1,820 mm
S	Ground clearance	500 mm
T	Radius maximum	5,380 mm
U	Radius at outer edge	4,900 mm
V	Inside turning radius	2,450 mm
W	Articulation angle	40 °

X	Bucket rollback at max. stroke height	56 °
Y	Dump angle maximum	45 °
Z	Bucket rollback at ground level	45 °

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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