

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 L _{WA}	100.7 dB(A)
Guaranteed sound power level L _{WA}	102 dB(A)
Specified sound pressure level L _{pA}	70 dB(A)

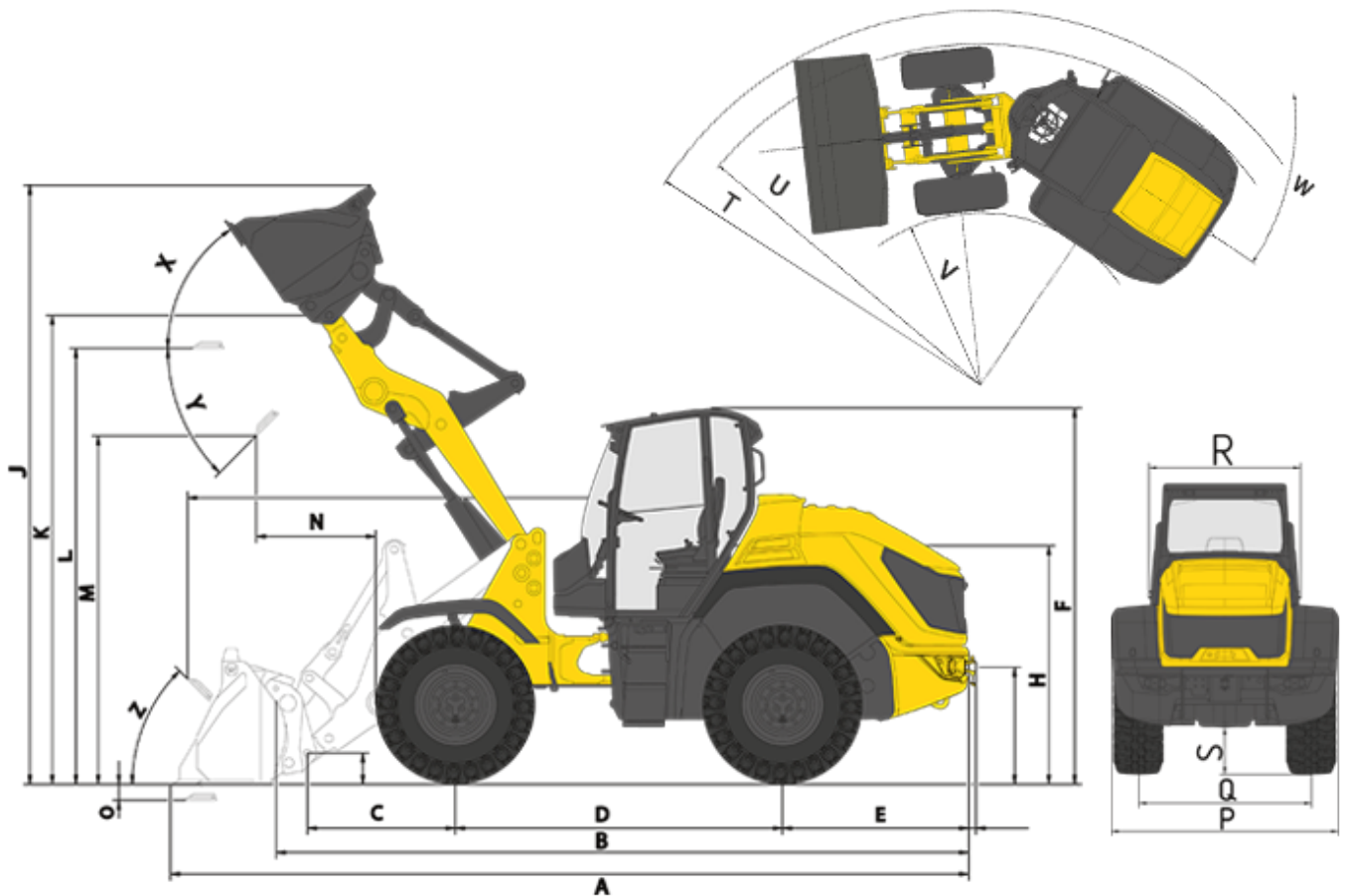
Tipping load calculation pursuant to ISO 14397 (mast horizontal)

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.

Copyright © 2021 Wacker Neuson SE.