

WL54

Articulated Wheel Loaders



**WACKER
NEUSON**
all it takes!



Convincing on every construction site

The powerful wheel loader WL54 convinces with high economic efficiency and power on the construction site. It maneuvers quickly and in a time-saving manner with a first-class work performance.

The WL54 achieves this through its large lifting and biting forces, a high stability as well as the up to 100% connectable differential lock. And all of this at a convincing price-performance ratio.

- 1.0 m³ bucket capacity at 1.3t/m³ bulk material density
- Powerful hydraulics with many options, such as the high flow option for various attachments
- Open service access to hydraulics, engine and air cleaner – shortens the maintenance and therefore also downtimes
- The tremendous reach of the load arm allows for central accumulation, even with a high loading sill

WL54 Technical specifications

WL54

	Operator's canopy	Cabin*
Engine / Motor		
Engine / Motor manufacturer	Deutz	Deutz
Engine / Motor type	TCD 2.9 L4	TCD 2.9 L4
Cylinder	4	4
Engine performance kW	55.4	55.4
at rpm Maximum rpm	2,300	2,300
Displacement cm ³	2,900	2,900
Coolant type	Water $\frac{1}{2}$ /charge air	Water $\frac{1}{2}$ /charge air
Electrical system		
Operating voltage V	12	12
Battery Ah	95	95
Alternator A	95	95
Weights		
Operating weight kg	5,800	5,800
Tipping load with bucket - machine straight kg	3,270	3,583
Tipping load with bucket - machine at angle kg	2,761	3,045
Tipping load with pallet fork - machine straight kg	3,035	3,270
Tipping load with pallet fork - machine at angle kg	2,599	2,813
Vehicle data		
Bucket capacity Standard bucket m ³	1	1
Traction drive	Hydrostatic via universal joint shaft	Hydrostatic via universal joint shaft
Axles	PA1422	PA1422
Drivers cab	FSD (cabin)	Cabin
Speed (optional) km/h	0-20 (30)	0-20 (30)
Speed Level	2	2
Standard tires	12.5-20 MPT ET0	500/45-20 AS ET0
Hydraulic system		
Driving hydraulics - operating pressure bar	445	445
Operating hydraulics - operating pressure bar	210	210
Operating hydraulics - discharge capacity l/min	64	64
Operating hydraulics - discharge capacity (optional up to) l/min	115	115
Filling capacities		
Fuel tank capacity l	82	82
Hydraulic oil tank l	66	66
Sound level		
Guaranteed sound power level L _{WA} dB(A)	101	101

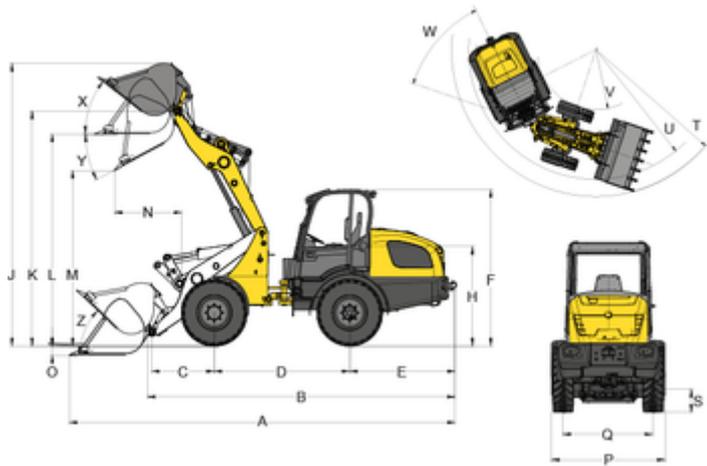
Standard bucket = digging bucket, 1,900 mm width

FSD = Operator's canopy

Tipping load calculation according to ISO 14397-EN474-3

*Equipment version (cabin, counterweight floor plate 118 kg, tires 500/45-20 AS ET0)

WL54 Dimensions



	Standard tires	12.5-20 MPT ETO
A	Overall length	5,760 mm
B	Overall length without bucket	4,828 mm
C	Bucket pivot point to axle center	991 mm
D	Wheelbase	2,150 mm
E	Rear overhang	1,531 mm
F	Height With operator's canopy	2,495 mm
F	Height With cabin	2,553 mm
H	Seat height	1,495 mm
J	Total operating height	4,561 mm
K	Stroke height max. - bucket pivot point	3,671 mm
L	Overhead loading height	3,335 mm
M	Dump height max.	2,864 mm
N	Range with M	875 mm
O	Scraping depth	114 mm
P	Overall width	1,742 mm
Q	Track width	1,432 mm
S	Ground clearance	352 mm
T	Radius maximum	4,242 mm
U	Radius at outer edge	3,785 mm
V	Inside turning radius	1,914 mm
W	Articulation angle	42 °
X	Bucket rollback at max. stroke height	44 °
Y	Dump angle Maximum	28 °
Z	Bucket rollback at ground level	38 °

All values with standard bucket: Digging bucket 1,900 mm, 1.0 m³ and standard tires: 12.5-20 MPT ETO

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 © 2020 Wacker Neuson SE.