



WL25

Wheel Loader

The wheel loader for more versatility

Confined spaces require one thing in particular: a high level of flexibility. This is exactly what the Wacker Neuson WL25 wheel loader offers with its three different operator's cabs. You can choose from a cab a fixed operator's canopy or a fold-down operator's canopy. This way, the machine can be adapted individually to the respective work environment.

Highlights

- High productivity thanks to the low front carriage
- EPS folding overhead guard (Easy Protection System)
- Tilttable cabin and optimal service access
- Maximum traction thanks to articulated pendulum joint
- The wheel loader as an attachment carrier

Technical Data

Standard engine data

Engine manufacturer	• Perkins
Motor type	403 J-17T
Cylinder	3
Drive output	18.4 kW
Drive output	25 PS
at max. rpm	2,800 U/min
Cylinder capacity	1,663 cm ³
Type of coolant	• Water
Exhaust standard level	• V
Exhaust aftertreatment	-

Electrical system

Operating voltage	12 V
Battery	77 Ah
Alternator	65 A

Weights

Bucket capacity (standard bucket)	0.3 m ³
Operating weight	2,380 - 2,550 kg
Tipping load with bucket – machine straight, loading frame horizontal	1,393 - 1,958 kg
Tipping load with bucket – machine pivoted, loading frame horizontal	1,144 - 1,703 kg

Tipping load with pallet fork – machine straight, loading frame horizontal	1,096 - 1,536 kg
--	------------------

Tipping load with pallet fork – machine pivoted, loading frame horizontal	975 - 1,339 kg
---	----------------

Driver's cab

Driver's cab	FSD (EPS, cabin)
--------------	------------------

Filling levels

Tank capacity for fuel	45 l
Tank capacity for hydraulic oil	27 l

Drive system

Type of drive	Hydrostatic
drive unit	universal joint shaft
Speed levels	2
Axle	T94
Travel speed Standard	0-20 km/h

Operating brake	Hydrostatic drive system acting on all 4 wheels (wear-free)
Parking brake	Service and parking brake in the drive train
Differential lock	100% VA + HA (option)

Hydraulic system

Drive hydraulics working pressure (max.)	370 bar
--	---------

Work hydraulics discharge volume (max.)	44,8 l/min
---	------------

Work hydraulics working pressure (max.)	185 bar
---	---------

■ Kinematics

Kinematics type	P
-----------------	---

Lifting cylinder	2
------------------	---

Tipping cylinder	1
------------------	---

Quick change system	hydraulic
---------------------	-----------

■ Steering

Steering type	hydraulically activated articulated pendulum steering
---------------	---

Steering cylinder	1
-------------------	---

Oscillating angle	± 12 degree
-------------------	-------------

■ Noise characteristic values

Average sound power level LwA (operator's canopy)	99.9 dB(A)
---	------------

Guaranteed sound power level LwA (operator's canopy)	101 dB(A)
--	-----------

Specified sound pressure level LpA (operator's canopy)	84 dB(A)
--	----------

Average sound power level LwA (cabin)	99.9 dB(A)
---------------------------------------	------------

Guaranteed sound power level LwA (cabin)	101 dB(A)
--	-----------

Specified sound pressure level LpA (cabin)	79 dB(A)
--	----------

■ Other information

FSD = Fahrerschutzdach
EPS = Easy Protection System (klappbares Fahrerschutzdach)
DPF = Dieselpartikelfilter
DOC = Dieselloxidationskatalysator
Kipplastberechnung nach ISO 14397

Dimensions

		Standard Loading System	Loading system low front carriage
A	Total length	4,100 mm	4,300 mm
B	Total length without bucket	3,321 mm	3,530 mm
C	Bucket pivot point (to center of axle)	534 mm	670 mm
D	Wheel base	1,623 mm	1,690 mm
E	Rear overhang	1,054 mm	1,054 mm
F	Height with operator's canopy (fixed)	2,245 mm	2,245 mm
	Height with fold-down operator's canopy (EPS)	2,360 mm	2,360 mm
F	Height with fold-down operator's canopy (EPS), folded down	1,843 mm	1,843 mm
	Height with cab	2,270 mm	2,270 mm
H	Seat height	1,320 mm	1,320 mm
J	Total working height	3,521 mm	3,190 mm
K	Bucket pivot point (max. lift height)	2,871 mm	2,540 mm
L	Load-over height	2,553 mm	2,220 mm
M	Dumping height	2,022 mm	1,720 mm
N	Reach (at M)	277 mm	503 mm
O	Digging depth	71 mm	150 mm
P	Total width	1,194 mm	1,194 mm
Q	Track width	940 mm	940 mm
T	Maximum external radius	2,911 mm	3,140 mm
U	Radius on the outer edge	2,593 mm	2,730 mm
V	Inner radius	1,343 mm	1,480 mm
W	Articulation angle	45 °	42 °
X	Rollback angle at max. lift height	47 °	47 °
Y	Dumping angle	44 °	41 °
Z	Rollback angle on ground	48 °	50 °