



## 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 <sup>3</sup>
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 <sup>3</sup>
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
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Tipping load with pallet fork – machine pivoted, loading frame horizontal	975 - 1,339 kg
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### Driver's cab

Driver's cab	FSD (EPS, cabin)
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### Filling levels

Tank capacity for fuel	45 l
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Tank capacity for hydraulic oil	27 l
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### Drive system

Type of drive	Hydrostatic
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drive unit	universal joint shaft
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Speed levels	2
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Axle	T94
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Travel speed Standard	0-20 km/h
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Operating brake	Hydrostatic drive system acting on all 4 wheels (wear-free)
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Parking brake	Service and parking brake in the drive train
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Differential lock	100% VA + HA (option)
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### Hydraulic system

Drive hydraulics working pressure (max.)	370 bar
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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  $\pm 12$  degree

#### ■ Noise characteristic values

Average sound power level L<sub>WA</sub> (operator's canopy) 99.9 dB(A)

Guaranteed sound power level L<sub>WA</sub> (operator's canopy) 101 dB(A)

Specified sound pressure level L<sub>pA</sub> (operator's canopy) 84 dB(A)

Average sound power level L<sub>WA</sub> (cabin) 99.9 dB(A)

Guaranteed sound power level L<sub>WA</sub> (cabin) 101 dB(A)

Specified sound pressure level L<sub>pA</sub> (cabin) 79 dB(A)

#### ■ Other information

FSD = Fahrerschutzdach

EPS = Easy Protection System (klappbares Fahrerschutzdach)

DPF = Dieselpartikelfilter

DOC = Dieseloxydationskatalysator

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 °