



## WL44

### Wheel Loader

Durable and productive

With the entry-level models by Wacker Neuson, you don't have to do without – especially when it comes to performance. The durable and sophisticated technology of the WL44 wheel loader has proven itself in many applications. This makes it a particularly reliable performance machine in volume business – a cost-benefit calculation that works out. The WL44 is the perfect machine for material transport.

### Highlights

- High productivity thanks to the low front carriage
- Maximum traction thanks to articulated pendulum joint
- High-quality powder coating
- 100 % connectible differential lock
- Easy entry and exit

### Technical Data

#### ■ Standard engine data

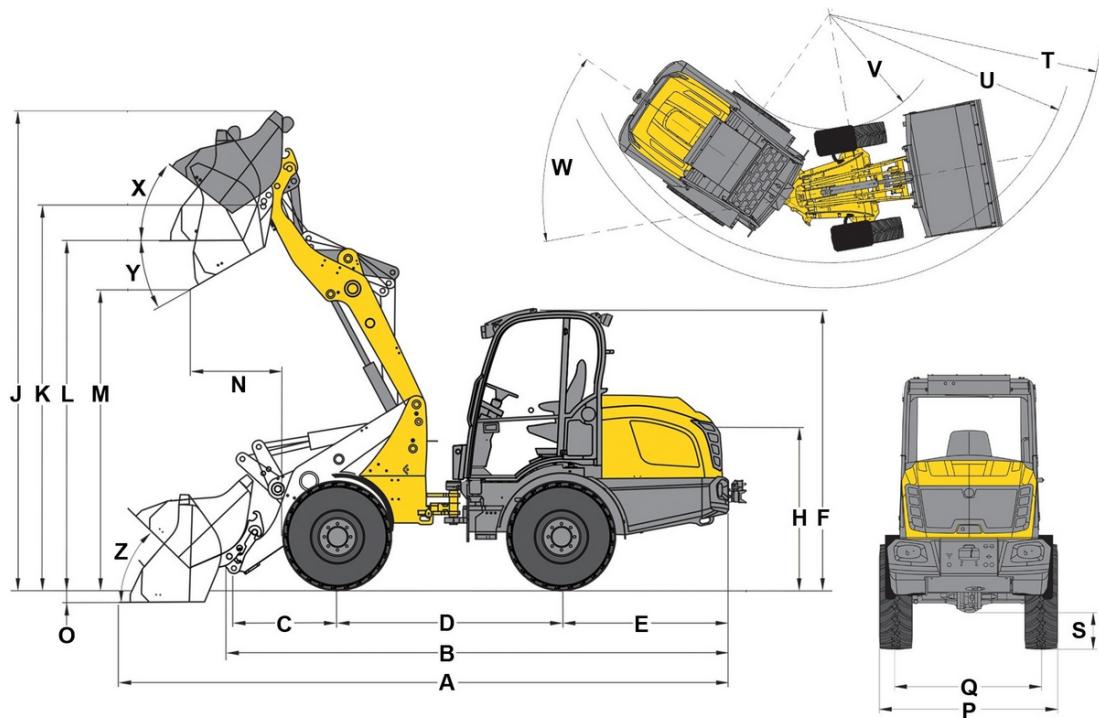
Engine manufacturer	Deutz	Drive output	55.4 kW
Motor type	TD 2.9 L4 S5	Drive output	75 PS
Cylinder	4	at max. rpm	2,300 U/min
Drive output	45 kW	Cylinder capacity	2,900 cm <sup>3</sup>
Drive output	61 PS	Type of coolant	Water/charge air
at max. rpm	2,300 U/min	Exhaust standard level	V
Cylinder capacity	2,900 cm <sup>3</sup>	Exhaust aftertreatment	DOC/DPF
Type of coolant	Water	Average sound power level LwA (operator's canopy)	99.2 dB(A)
Exhaust standard level	V	Guaranteed sound power level LwA (operator's canopy)	100 dB(A)
Exhaust aftertreatment	DOC/DPF	Specified sound pressure level LpA (operator's canopy)	85 dB(A)
Average sound power level LwA (operator's canopy)	99.4 dB(A)	Average sound power level LwA (cabin)	99.2 dB(A)
Guaranteed sound power level LwA (operator's canopy)	101 dB(A)	Guaranteed sound power level LwA (cabin)	100 dB(A)
Specified sound pressure level LpA (operator's canopy)	84 dB(A)	Specified sound pressure level LpA (cabin)	80 dB(A)
Average sound power level LwA (cabin)	99.4 dB(A)		
Guaranteed sound power level LwA (cabin)	101 dB(A)		
Specified sound pressure level LpA (cabin)	80 dB(A)		

#### ■ Engine data Option 1

Engine manufacturer	Deutz	Bucket capacity (standard bucket)	0.80 m <sup>3</sup>
Motor type	TCD 2.9 L4 S5	Operating weight	4,600 kg
Cylinder	4	Tipping load with bucket – machine straight, loading frame horizontal	3,200 - 3,327 kg

Tipping load with bucket – machine pivoted, loading frame horizontal	2,736 - 2,845 kg	Differential lock	100 % front axle + rear axle
Tipping load with pallet fork – machine straight, loading frame horizontal	2,478 - 2,562 kg		
Tipping load with pallet fork – machine pivoted, loading frame horizontal	2,126 - 2,204 kg		
<b>■ Driver's cab</b>			
Driver's cab	FSD (cabin)		
<b>■ Filling levels</b>			
Tank capacity for fuel	82 l	Lifting cylinder	2
Tank capacity for hydraulic oil	66 l	Tipping cylinder	1
<b>■ Drive system</b>			
Type of drive	Hydrostatic	Quick change system	hydraulic
drive unit	universal joint shaft	Steering type	hydraulically activated articulated pendulum steering
Speed levels	2	Steering cylinder	1
Axle	PA 1400 (PA 1422)	Oscillating angle	±12 degree
Travel speed Standard	0-20 km/h	<b>■ Other information</b>	
Travel speed Option 1	0-30 km/h	FSD = overhead guard DPF = diesel particulate filter DOC = diesel oxidation catalyst SCR = selective catalytic reduction Tipping load calculation pursuant to ISO 14397	
Operating brake	Hydrostatic drive system acting on all 4 wheels (wear-free)		
Parking brake	Service and parking brake in the drive train acts on all 4 wheels		

## Dimensions



A	Total length	5,420 mm
B	Total length without bucket	4,760 mm
C	Bucket pivot point (to center of axle)	1,040 mm
D	Wheel base	2,110 mm
E	Rear overhang	1,530 mm
F	Height with lowered operator's canopy	2,332 mm
	Height with operator's canopy raised	2,470 mm
F	Height with cab raised	2,528 mm
H	Seat height	1,470 mm
J	Total working height	3,890 mm
K	Bucket pivot point (max. lift height)	3,200 mm
L	Load-over height	2,940 mm
M	Dumping height	2,430 mm
N	Reach (at M)	665 mm
O	Digging depth	136 mm
P	Total width	1,830 mm
Q	Track width	1,500 mm
S	Ground clearance	367 mm
T	Maximum radius	4,270 mm
U	Radius on the outer edge	3,870 mm
V	Inner radius	1,990 mm
W	Articulation angle	40 °
X	Rollback angle at max. lift height	71 °
Y	Dumping angle	45 °
Z	Rollback angle on ground	43 °