



WL34

Wheel Loader

The ideal entry-level model

Low profile design, outstanding economic efficiency and maximum performance in loading and transporting are key benefits of the WL34 wheel loader. It is the ideal entry-level model in the compact class with 0,6 m³ bucket capacity. It combines power, reliable hydraulics and compact dimensions with sophisticated technology and a convincing price-performance ratio. A durable tool that efficiently manages a high workload.



Highlights

- Maximum traction thanks to articulated pendulum joint
- High-quality powder coating
- 100 % connectible differential lock
- Perfectly tuned kinematics
- Easy entry and exit

Technical Data

■ Standard engine data

Engine manufacturer	Deutz
Motor type	TD 2.9 L4 S5
Cylinder	4
Drive output	45 kW
Drive output	61 PS
at max. rpm	2,300 U/min
Cylinder capacity	2,900 cm ³
Type of coolant	Water
Exhaust standard level	V
Exhaust aftertreatment	DOC / DPF
Average sound power level L _{WA} (operator's canopy)	98.5 dB(A)
Guaranteed sound power level L _{WA} (operator's canopy)	99 dB(A)
Specified sound pressure level L _{pA} (operator's canopy)	85 dB(A)
Average sound power level L _{WA} (cabin)	98.5 dB(A)
Guaranteed sound power level L _{WA} (cabin)	99 dB(A)
Specified sound pressure level L _{pA} (cabin)	77 dB(A)

■ Engine data Option 1

Engine manufacturer	Deutz
Motor type	TCD 2.9 L4 S5
Cylinder	4

Drive output	55.4 kW
Drive output	75 PS
at max. rpm	2,300 U/min
Cylinder capacity	2,900 cm ³
Type of coolant	Water/charge air
Exhaust standard level	V
Exhaust aftertreatment	DOC/DPF
Average sound power level L _{WA} (operator's canopy)	100.1 dB(A)
Guaranteed sound power level L _{WA} (operator's canopy)	101 dB(A)
Specified sound pressure level L _{pA} (operator's canopy)	85 dB(A)
Average sound power level L _{WA} (cabin)	100.1 dB(A)
Guaranteed sound power level L _{WA} (cabin)	101 dB(A)
Specified sound pressure level L _{pA} (cabin)	78 dB(A)

■ Electrical system

Operating voltage	12 V
Battery	100 Ah
Alternator	95 A

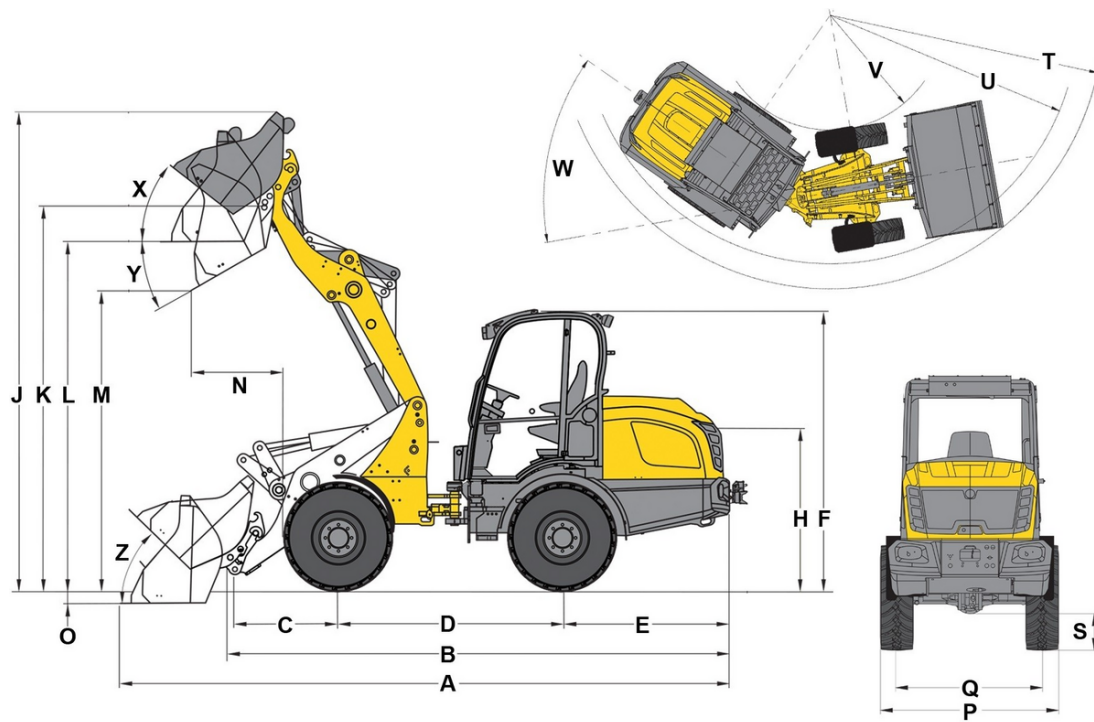
■ Weights

Bucket capacity (standard bucket)	0.62 m ³
Operating weight	3,900 kg
Tipping load with bucket – machine straight, loading frame horizontal	2,925 - 3,055 kg

Tipping load with bucket – machine pivoted, loading frame horizontal	2,443 - 2,539 kg
Tipping load with pallet fork – machine straight, loading frame horizontal	2,615 - 2,716 kg
Tipping load with pallet fork – machine pivoted, loading frame horizontal	2,200 - 2,276 kg
■ Driver's cab	
Driver's cab	FSD (cabin)
■ Filling levels	
Tank capacity for fuel	65 l
Tank capacity for hydraulic oil	50 l
■ Drive system	
Type of drive	Hydrostatic
drive unit	universal joint shaft
Speed levels	2
Axle	PA 1200
Travel speed Standard	0-20 km/h
Travel speed Option 1	0-28 km/h
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

Differential lock	100% (front axle + rear axle)
■ Hydraulic system	
Drive hydraulics working pressure (max.)	450 bar
Work hydraulics discharge volume (max.)	57,5 (73,6) l/min
Work hydraulics working pressure (max.)	210 bar
■ Kinematics	
Kinematics type	PZ
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
■ Other information	
FSD = overhead guard	
DPF = diesel particulate filter	
DOC = diesel oxidation catalyst	
SCR = selective catalytic reduction	
Tipping load calculation pursuant to ISO 14397	

Dimensions



A	Total length	5,010 mm
B	Total length without bucket	4,260 mm
C	Bucket pivot point (to center of axle)	675 mm
D	Wheel base	2,045 mm
E	Rear overhang	1,430 mm
F	Height with lowered operator's canopy	2,220 mm
	Height with operator's canopy raised	2,380 mm
F	Height with cab lowered	2,220 mm
	Height with cab raised	2,420 mm
H	Seat height	1,270 mm
J	Total working height	3,930 mm
K	Bucket pivot point (max. lift height)	3,270 mm
L	Load-over height	2,970 mm
M	Dumping height	2,460 mm
N	Reach (at M)	142 mm
O	Digging depth	43 mm
P	Total width	1,550 mm
Q	Track width	1,260 mm
S	Ground clearance	320 mm
T	Maximum radius	3,610 mm
U	Radius on the outer edge	3,350 mm
V	Inner radius	1,680 mm
W	Articulation angle	45 °
X	Rollback angle at max. lift height	49 °
Y	Dumping angle	43 °
Z	Rollback angle on ground	43 °