



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 0.7 yd³ 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	Drive output	55.4 kW
Motor type	TD 2.9 L4 S5	Drive output	74.3 HP
Cylinder	4	at max. rpm	2,300 rpm
Drive output	45 kW	Cylinder capacity	176.97 in ³
Drive output	60.3 HP	Type of coolant	Water/charge air
at max. rpm	2,300 rpm	Exhaust standard level	V
Cylinder capacity	176.97 in ³	Exhaust aftertreatment	DOC/DPF
Type of coolant	Water	Average sound power level LwA (operator's canopy)	100.1 dB(A)
Exhaust standard level	V	Guaranteed sound power level LwA (operator's canopy)	101 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)	98.5 dB(A)	Average sound power level LwA (cabin)	100.1 dB(A)
Guaranteed sound power level LwA (operator's canopy)	99 dB(A)	Guaranteed sound power level LwA (cabin)	101 dB(A)
Specified sound pressure level LpA (operator's canopy)	85 dB(A)	Specified sound pressure level LpA (cabin)	78 dB(A)
Average sound power level LwA (cabin)	98.5 dB(A)		
Guaranteed sound power level LwA (cabin)	99 dB(A)		
Specified sound pressure level LpA (cabin)	77 dB(A)		

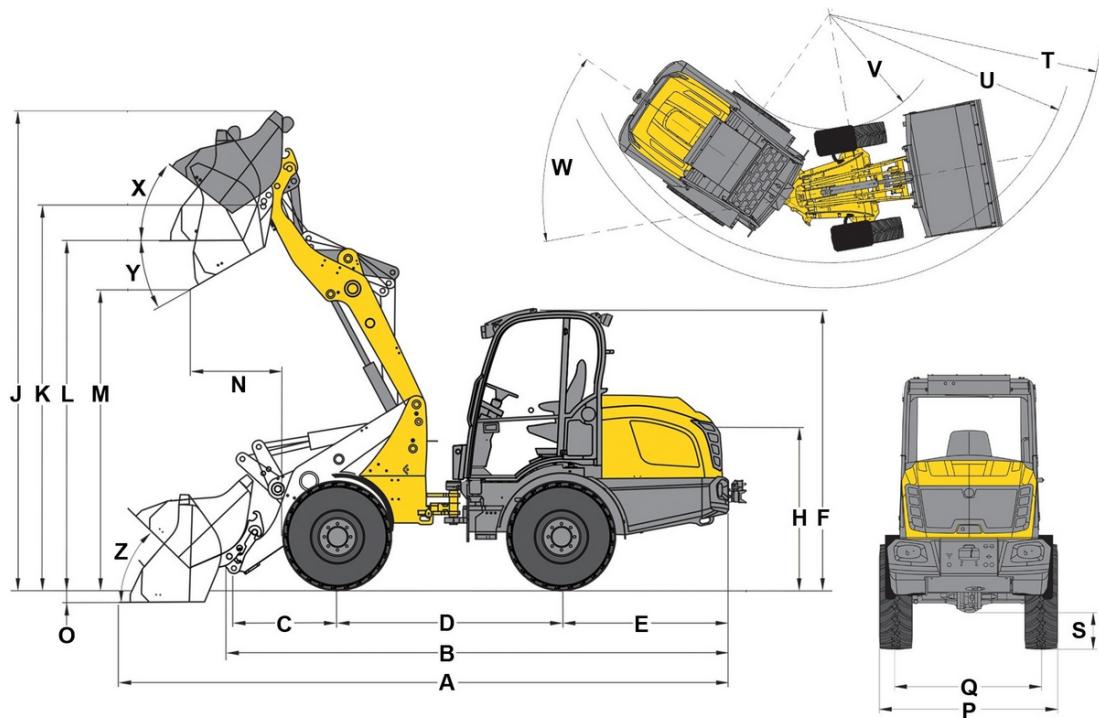
■ Engine data Option 1

Engine manufacturer	Deutz	Bucket capacity (standard bucket)	21.90 ft ³
Motor type	TCD 2.9 L4 S5	Operating weight	8,598 lb
Cylinder	4	Tipping load with bucket – machine straight, loading frame horizontal	6,449 - 6,735 lb

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

Tipping load with bucket – machine pivoted, loading frame horizontal	5,386 - 5,598 lb	Differential lock	100% (front axle + rear axle)
Tipping load with pallet fork – machine straight, loading frame horizontal	5,765 - 5,988 lb		
Tipping load with pallet fork – machine pivoted, loading frame horizontal	4,850 - 5,018 lb		
■ Driver's cab			
Driver's cab	FSD (cabin)		
■ Filling levels			
Tank capacity for fuel	17.17 US gal	Lifting cylinder	2
Tank capacity for hydraulic oil	13.21 US gal	Tipping cylinder	1
■ Drive system			
Type of drive	Hydrostatic	Quick change system	hydraulic
drive unit	universal joint shaft	■ Steering	
Speed levels	2	Steering type	hydraulically activated articulated pendulum steering
Axle	PA 1200	Steering cylinder	1
Travel speed Standard	0-12.43 mph	Oscillating angle	±12 degree
Travel speed Option 1	0-17.40 mph	■ Other information	
Operating brake	Hydrostatic drive system acting on all 4 wheels (wear-free)	FSD = overhead guard DPF = diesel particulate filter DOC = diesel oxidation catalyst SCR = selective catalytic reduction	
Parking brake	Service and parking brake in the drive train acts on all 4 wheels	Tipping load calculation pursuant to ISO 14397	

Dimensions



A	Total length	197.2 in
B	Total length without bucket	167.7 in
C	Bucket pivot point (to center of axle)	26.6 in
D	Wheel base	80.51 in
E	Rear overhang	56.3 in
F	Height with lowered operator's canopy	87.4 in
G	Height with operator's canopy raised	93.7 in
H	Height with cab lowered	87.4 in
I	Height with cab raised	95.3 in
J	Seat height	50.0 in
K	Total working height	154.7 in
L	Bucket pivot point (max. lift height)	128.7 in
M	Load-over height	116.9 in
N	Dumping height	96.9 in
O	Reach (at M)	5.6 in
P	Digging depth	1.7 in
Q	Total width	61.0 in
R	Track width	49.6 in
S	Ground clearance	12.6 in
T	Radius on the outer edge	142.1 in
U	Radius on the inner edge	131.9 in
V	Articulation angle	66.1 in
W	Maximum radius	45 °
X	Inner radius	49 °
Y	Outer radius	43 °
Z	Dumping angle	43 °

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