



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

■ Electrical system

Operating voltage	12 V
Battery	100 Ah
Alternator	95 A

■ Weights

Bucket capacity (standard bucket)	21.90 ft ³
Operating weight	8,598 lb
Tipping load with bucket – machine straight, loading frame horizontal	6,449 - 6,735 lb
Tipping load with bucket – machine pivoted, loading frame horizontal	5,386 - 5,598 lb
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)
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■ Filling levels

Tank capacity for fuel	17.17 US gal
Tank capacity for hydraulic oil	13.21 US gal

■ Drive system

Type of drive	Hydrostatic
drive unit	universal joint shaft
Speed levels	2

Axle	PA 1200
Travel speed Standard	0-12.43 mph
Travel speed Option 1	0-17.40 mph
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.)	6,527 psi
Work hydraulics discharge volume (max.)	15.19 (19.44) gpm
Work hydraulics working pressure (max.)	3,046 psi

■ 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

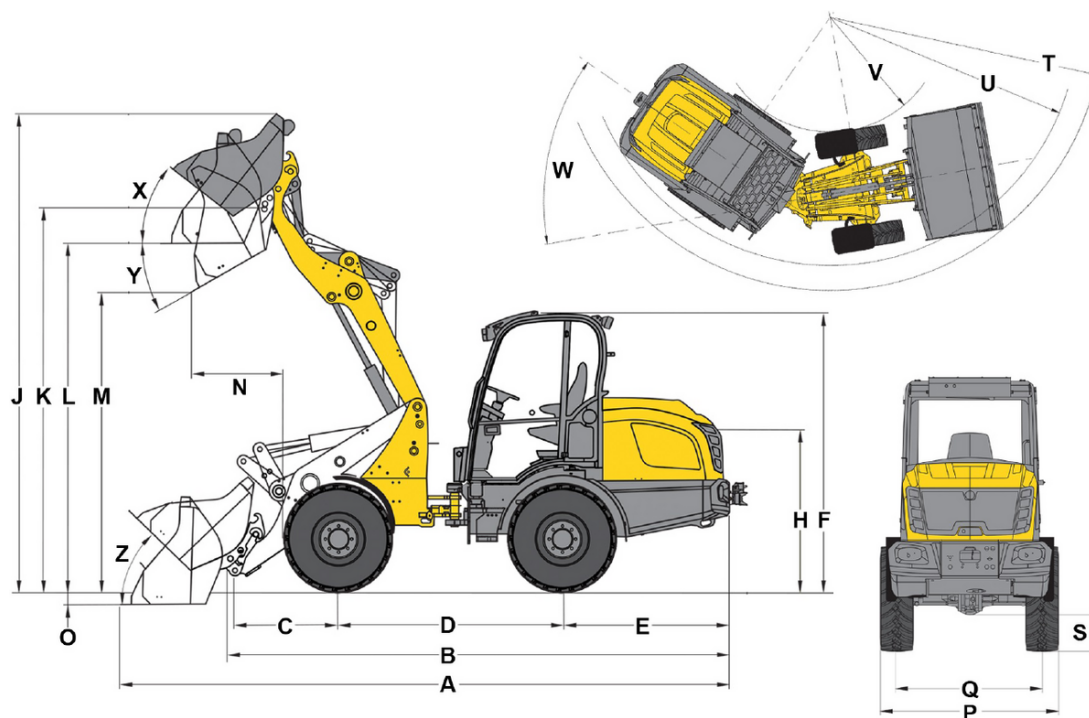
■ Other information

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	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
	Height with operator's canopy raised	93.7 in
F	Height with cab lowered	87.4 in
	Height with cab raised	95.3 in
H	Seat height	50.0 in
J	Total working height	154.7 in
K	Bucket pivot point (max. lift height)	128.7 in
L	Load-over height	116.9 in
M	Dumping height	96.9 in
N	Reach (at M)	5.6 in
O	Digging depth	1.7 in
P	Total width	61.0 in
Q	Track width	49.6 in
S	Ground clearance	12.6 in
T	Maximum radius	142.1 in
U	Radius on the outer edge	131.9 in
V	Inner radius	66.1 in
W	Articulation angle	45 °
X	Rollback angle at max. lift height	49 °
Y	Dumping angle	43 °
Z	Rollback angle on ground	43 °