



WL60

Wheel Loader

High productivity and ideal comfort

The WL 60 wheel loader offers an extremely comfortable cab and a wide variety of options. The operating philosophy is designed for ergonomics. Everything is well within the operator's reach, which ensures fatigue-free work even over a longer period of time. The high flow load-sensing performance hydraulics with 39.63 US gpm flow rate is the strongest in the 13 000 lb class, also ensuring more operating comfort and less fuel consumption by the machine.



Highlights

- {30/40 km/h}{18.64/24.85 mph} speed
- The wheel loader as an attachment carrier
- Clear 3.5-inch digital display
- Comfortable working environment
- Joystick console spring-mounted on the operator's seat

Technical Data

Standard engine data

Engine manufacturer	Perkins
Motor type	904J-E36TA
Cylinder	4
Drive output	74.4 kW
Drive output	99.8 HP
at max. rpm	2,200 rpm
Cylinder capacity	220.97 in ³
Type of coolant	Water/charge air
Exhaust standard level	V
Exhaust aftertreatment	DOC/DPF/SCR

Electrical system

Operating voltage	12 V
Battery	135 Ah
Alternator	85 A

Weights

Bucket capacity (standard bucket)	35.31 ft ³
Operating weight	13,073 lb
Tipping load with bucket – machine straight, loading frame horizontal	8,100 lb
Tipping load with bucket – machine pivoted, loading frame horizontal	6,682 lb

Tipping load with pallet fork – machine straight, loading frame horizontal	7,372 lb
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Tipping load with pallet fork – machine pivoted, loading frame horizontal	6,153 lb
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Driver's cab

Driver's cab	Cab
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Filling levels

Tank capacity for fuel	27.74 US gal
Tank capacity for hydraulic oil	25.10 US gal
Tank capacity for urea solution	5.02 US gal

Drive system

Type of drive	Hydrostatic
drive unit	universal joint shaft
Speed levels	2
Axle	PA 1422
Travel speed Standard	0-12.43 mph
Travel speed Option 1	0-18.64 mph
Travel speed Option 2	0-24.85 mph
Operating brake	Disc brake (combined with parking brake)
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.)	6,599 psi
Work hydraulics discharge volume (max.)	26.42 (30.38-39.63) gpm
Work hydraulics working pressure (max.)	3,046 psi

■ Kinematics

Kinematics type	Z
Lifting cylinder	2
Tipping cylinder	1
Quick change system	hydraulic

■ Steering

Steering type	hydraulically activated articulated pendulum steering
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Steering cylinder	1
Oscillating angle	±12 degree

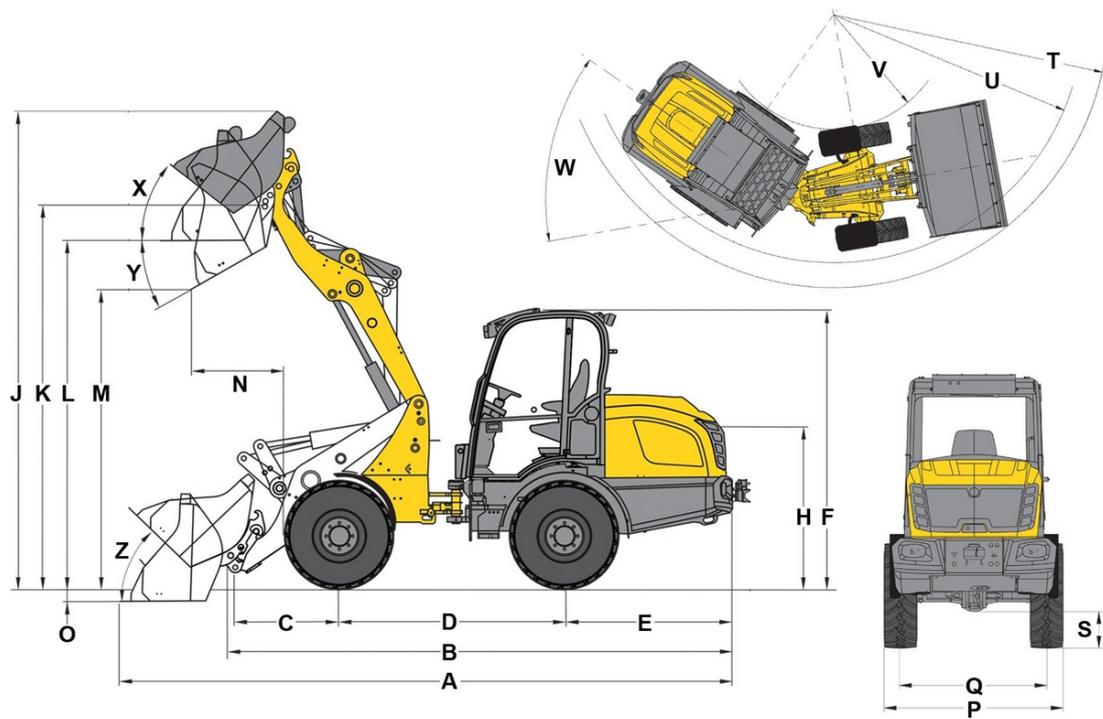
■ Noise characteristic values

Average sound power level L _{WA} (cabin)	101.6 dB(A)
Guaranteed sound power level L _{WA} (cabin)	103 dB(A)
Specified sound pressure level L _{pA} (cabin)	74 dB(A)

■ 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	232.2 in
B	Total length without bucket	188.2 in
C	Bucket pivot point (to center of axle)	39.0 in
D	Wheel base	84.6 in
E	Rear overhang	66.0 in
F	Height with cab	106.0 in
H	Seat height	63.3 in
J	Total working height	173.6 in
K	Bucket pivot point (max. lift height)	145.1 in
L	Load-over height	132.9 in
M	Dumping height	111.9 in
N	Reach (at M)	11.4 in
O	Digging depth	2.9 in
P	Total width	72.0 in
Q	Track width	56.0 in
S	Ground clearance	14.8 in
T	Maximum external radius	160.3 in
U	Radius on the outer edge	145.1 in
V	Inner radius	65.6 in
W	Articulation angle	42 °
X	Rollback angle at max. lift height	33 °
Y	Dumping angle	33 °
Z	Rollback angle on ground	39 °