



WL70

Wheel Loader

The powerhouse

Thanks to cutting-edge engine technology in accordance with the most current emission standard, the WL70 wheel loader offers an extremely efficient but still high-performance engine, making this machine a powerhouse in application. This is supported by a very sturdy load arm design. Lift height and engine output are at the top of the 7 t wheel loader class. This makes quick and efficient material handling possible. The 40 km/h option also allows the machine to be relocated quickly and is thus flexible and efficient in application.



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	100 kW
Drive output	136 PS
at max. rpm	2,200 U/min
Cylinder capacity	3,621 cm 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)	1.10 m ³
Operating weight	7,140 kg
Tipping load with bucket – machine straight, loading frame horizontal	4,762 kg
Tipping load with bucket – machine pivoted, loading frame horizontal	3,926 kg

Tipping load with pallet fork – machine straight, loading frame horizontal	4,254 kg
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Tipping load with pallet fork – machine pivoted, loading frame horizontal	3,559 kg
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Driver's cab

Driver's cab	Cab
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Filling levels

Tank capacity for fuel	105 l
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Tank capacity for hydraulic oil	95 l
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Tank capacity for urea solution	19 l
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Drive system

Type of drive	Hydrostatic
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drive unit	universal joint shaft
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Speed levels	2
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Axle	PA 1422/2
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Travel speed Standard	0-20 km/h
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Travel speed Option 1	0-30 km/h
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Travel speed Option 2	0-40 km/h
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Operating brake	Disc brake (combined with parking brake)
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Parking brake	Service and parking brake in the drive train acts on all 4 wheels
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Differential lock 100 % front axle + rear axle

■ Hydraulic system

Drive hydraulics working pressure (max.) 455 bar

Work hydraulics discharge volume (max.) 100 (115-150) l/min

Work hydraulics working pressure (max.) 210 bar

■ Kinematics

Kinematics type Z

Lifting cylinder 2

Tipping cylinder 1

Quick change system hydraulic

■ Steering

Steering type hydraulically activated articulated pendulum steering

Steering cylinder 2

Oscillating angle ±12 degree

■ Noise characteristic values

Average sound power level L_{WA} (cabin) 101.4 dB(A)

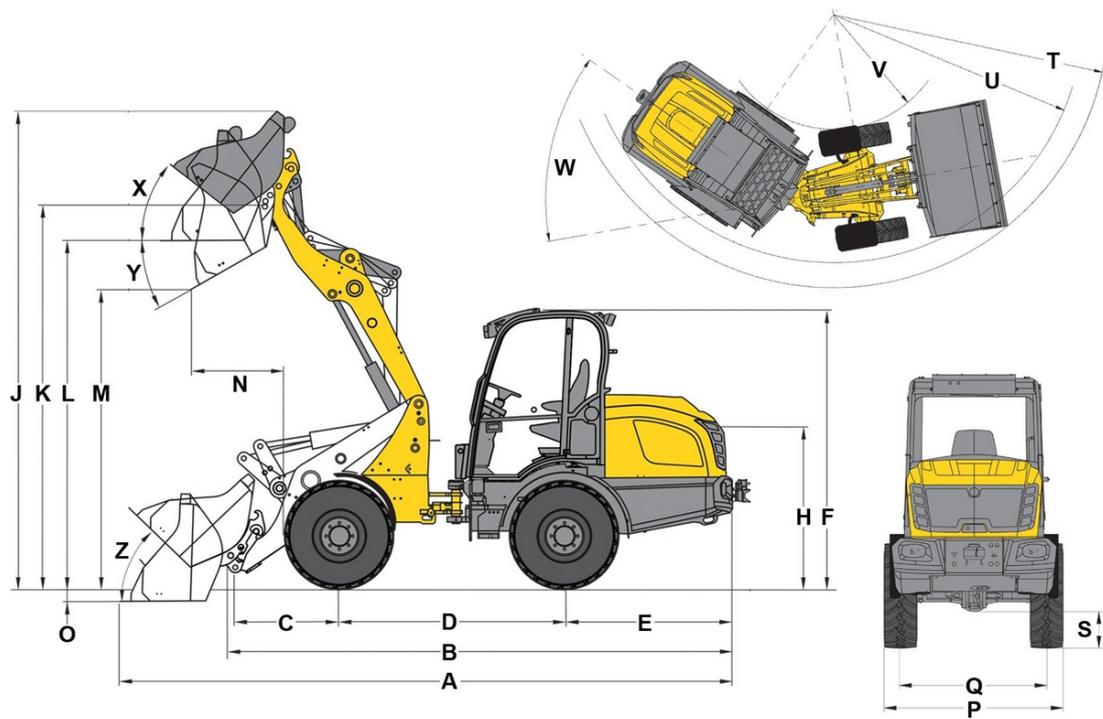
Guaranteed sound power level L_{WA} (cabin) 103 dB(A)

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	5,898 mm
B	Total length without bucket	4,780 mm
C	Bucket pivot point (to center of axle)	991 mm
D	Wheel base	2,150 mm
E	Rear overhang	1,676 mm
F	Height with cab	2,693 mm
H	Seat height	1,609 mm
J	Total working height	4,536 mm
K	Bucket pivot point (max. lift height)	3,686 mm
L	Load-over height	3,375 mm
M	Dumping height	2,840 mm
N	Reach (at M)	850 mm
O	Digging depth	74 mm
P	Total width	1,829 mm
Q	Track width	1,422 mm
S	Ground clearance	375 mm
T	Maximum external radius	4,341 mm
U	Radius on the outer edge	3,686 mm
V	Inner radius	1,666 mm
W	Articulation angle	42 °
X	Rollback angle at max. lift height	33 °
Y	Dumping angle	33 °
Z	Rollback angle on ground	39 °