

# WL70

## Articulated Wheel Loaders



**WACKER  
NEUSON**  
*all it takes!*



### The powerhouse

Thanks to the latest engine technology pursuant to the latest exhaust emission standard, the WL70 offers an extremely efficient, but also powerful engine that makes the wheel loader a powerhouse in action. This is being supported by a very robust, powerful load-arm design, which makes a quick and efficient materials handling possible. All electrical functions of attachment tools can optionally be operated by joystick. This increases efficiency and allows faster workflows.

- 3.5 inch color display with many functions and clear control lights
- 40 km/h variant due to larger motors with higher torque (optional)
- Optional on-roof climate control for more operator comfort
- Optimized use of attachment tools by oil level regulation, high flow option and continuous function for the 3rd and 4th control circuits

## WL70 Technical specifications

### Engine / Motor

Engine / Motor manufacturer	Perkins
Engine / Motor type	904J-E36TA
Cylinder	4
Engine performance	100 kW
at rpm Maximum	2,200 rpm
Displacement	3,621 cm <sup>3</sup>
Coolant type	Water
Exhaust after treatment	DOC/DPF/SCR
Emission standards stage	V

### Electrical system

Operating voltage	12 V
Battery	95 Ah
Alternator	120 A

### Weights

Operating weight	7,140 kg
Tipping load with bucket - machine straight	4,762 kg
Tipping load with bucket - machine at angle	3,926 kg
Tipping load with pallet fork - machine straight	4,254 kg
Tipping load with pallet fork - machine at angle	3,559 kg

### Vehicle data

Bucket capacity Standard bucket	1.1 m <sup>3</sup>
Traction drive	Hydrostatic via universal joint shaft
Axles	PA1422
Drivers cab	Cabin
Speed (optional)	0-20 (30) km/h
Speed Level	2
Standard tires	405/70 R 18 EM ETO

### Hydraulic system

Driving hydraulics - operating pressure	445 bar
Operating hydraulics - operating pressure	210 bar
Operating hydraulics - discharge capacity	100 l/min
Operating hydraulics - discharge capacity (optional up to)	150 l/min

### Filling capacities

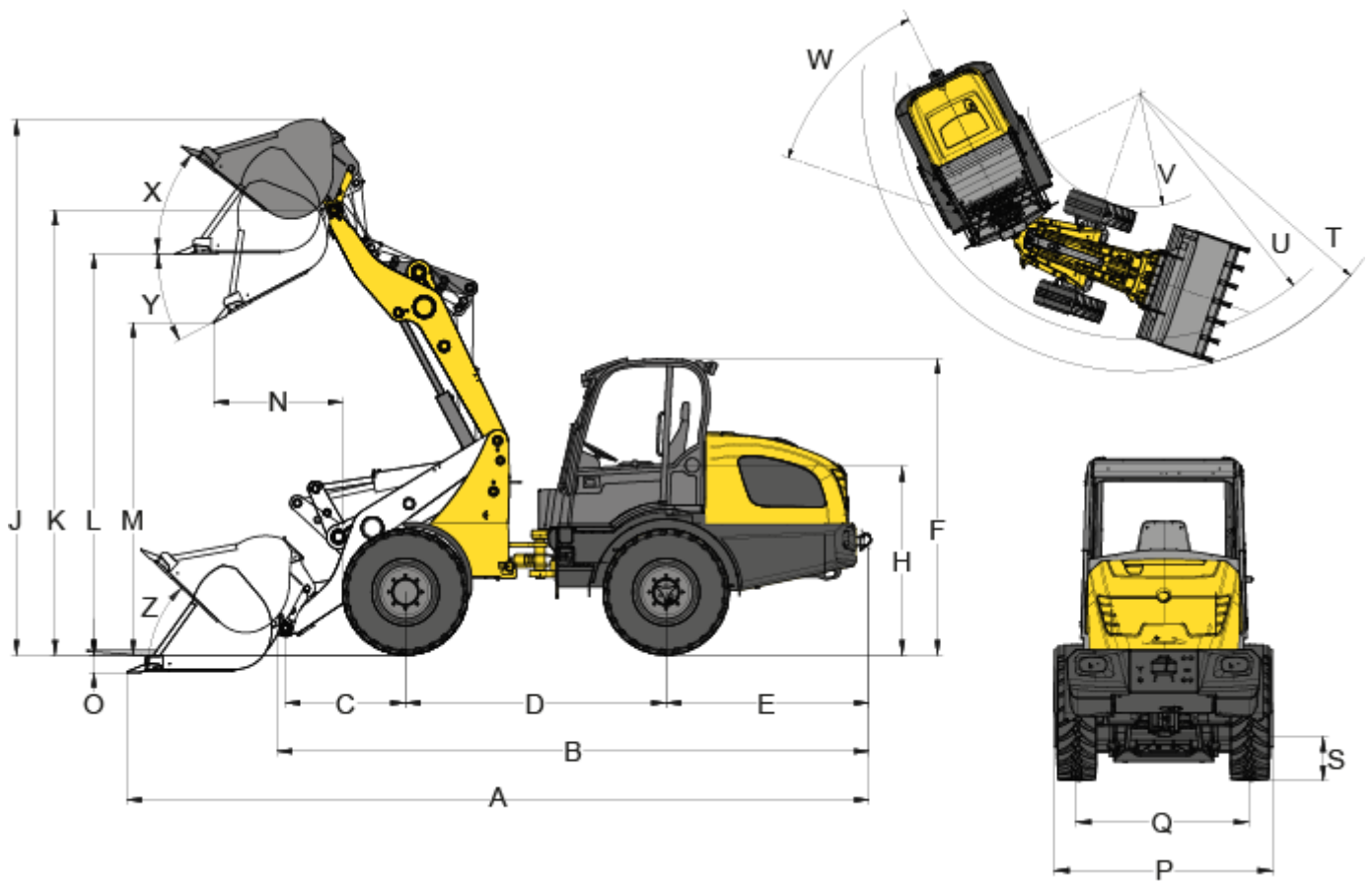
Fuel tank capacity	105 l
Hydraulic oil tank	95 l

### Sound level

Guaranteed sound power level L <sub>WA</sub>	103 dB(A)
Specified sound pressure level L <sub>pA</sub>	78 dB(A)

Standard bucket = digging bucket, 2,000 mm width  
Tipping load calculation according to ISO 14397-EN474-3

## WL70 Dimensions



	Standard tires	405/70 R 18 EM ETO
A	Overall length	5,898 mm
B	Overall length without bucket	4,780 mm
C	Bucket pivot point to axle center	991 mm
D	Wheelbase	2,150 mm
E	Rear overhang	1,676 mm
F	Height With cabin	2,693 mm
H	Seat height	1,609 mm
J	Total operating height	4,536 mm
K	Stroke height max. - bucket pivot point	3,686 mm
L	Overhead loading height	3,375 mm
M	Dump height max.	2,840 mm
N	Range with M	799 mm
O	Scraping depth	73.5 mm
P	Overall width	1,829 mm
Q	Track width	1,422 mm
S	Ground clearance	375 mm
T	Radius maximum	4,341 mm
U	Radius at outer edge	3,686 mm
V	Inside turning radius	1,666 mm
W	Articulation angle	42 °

X	Bucket rollback at max. stroke height	33 °
Y	Dump angle Maximum	33 °
Z	Bucket rollback at ground level	39 °

All values with standard bucket: Digging bucket 2,000 mm, 1.1 m<sup>3</sup> and standard tires: 405/70 R 18 EM ETO

Please note: that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions. Subject to alterations and errors excepted. Applicable also to illustrations.  
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