



WL70

Articulated Wheel Loaders



The Power Machine: Wheel Loader WL 70

Thanks to the latest in engine technology, according to the most current emission standards the WL 70 provides not only extremely efficient but also powerful engine which makes it a Power Machine in action. This is supported by a very robust, powerful loader arm design which enables for fast and efficient material handling. All electrical functions of attachments can optionally be operated via joystick, which supports efficiency and speed additionally.

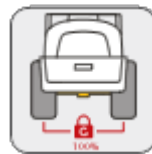
- A plus of stability due to the 7t total weight
- Requirement controlled load sensing system
- Efficient engine technology with the latest emission standards 3B
- Hydrostatic four-wheel drive and articulated steering
- Flow-sharing enables for simultaneous operation of several functionalities

Wheel Loader competence to the last detail.



Maneuverable to the tightest corner

The articulated pendulum joint makes the machine uniquely manoeuvrable and provides constant traction also on uneven ground.



100% connectable differential lock

The up to 100% connectable differential lock offers maximum traction even on difficult ground.



Numerous connections for attachments

Bring your Wheel Loader to an optimum benefit according to your needs by using the various hydraulic connections.



Comfortable cabine design

The spacious design and amenities of our wheel loader cabins offer plenty of user friendly comfort.



Technical specifications

Engine / Motor

Engine / Motor manufacturer	Perkins
Engine / Motor type	854E-E34TAWF
Cylinder	4
Engine performance	86 kW
at rpm maximum	2,500 rpm
Displacement	3,400 cm ³
Coolant type	Water / Charge Air

Electrical system

Operating voltage	12 V
Battery	95 Ah
Alternator	120 A

Weights

Operating weight	7,000 kg
Tipping load with bucket - machine straight	4,753 kg
Tipping load with pallet fork - machine straight	4,185 kg

Vehicle data

Bucket capacity Standard bucket	1.05 m ³
Traction drive	Hydrostatic with universal joint shaft
Axles	PA 1422/2
Drivers cab	Cabin
Speed (standard)	0-20 km/h
Speed (optional)	0-30 km/h
Speed Level	2
Standard tires	405/70-18 EM ET 0

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

Tank capacity	105 l
Hydraulic oil tank	95 l

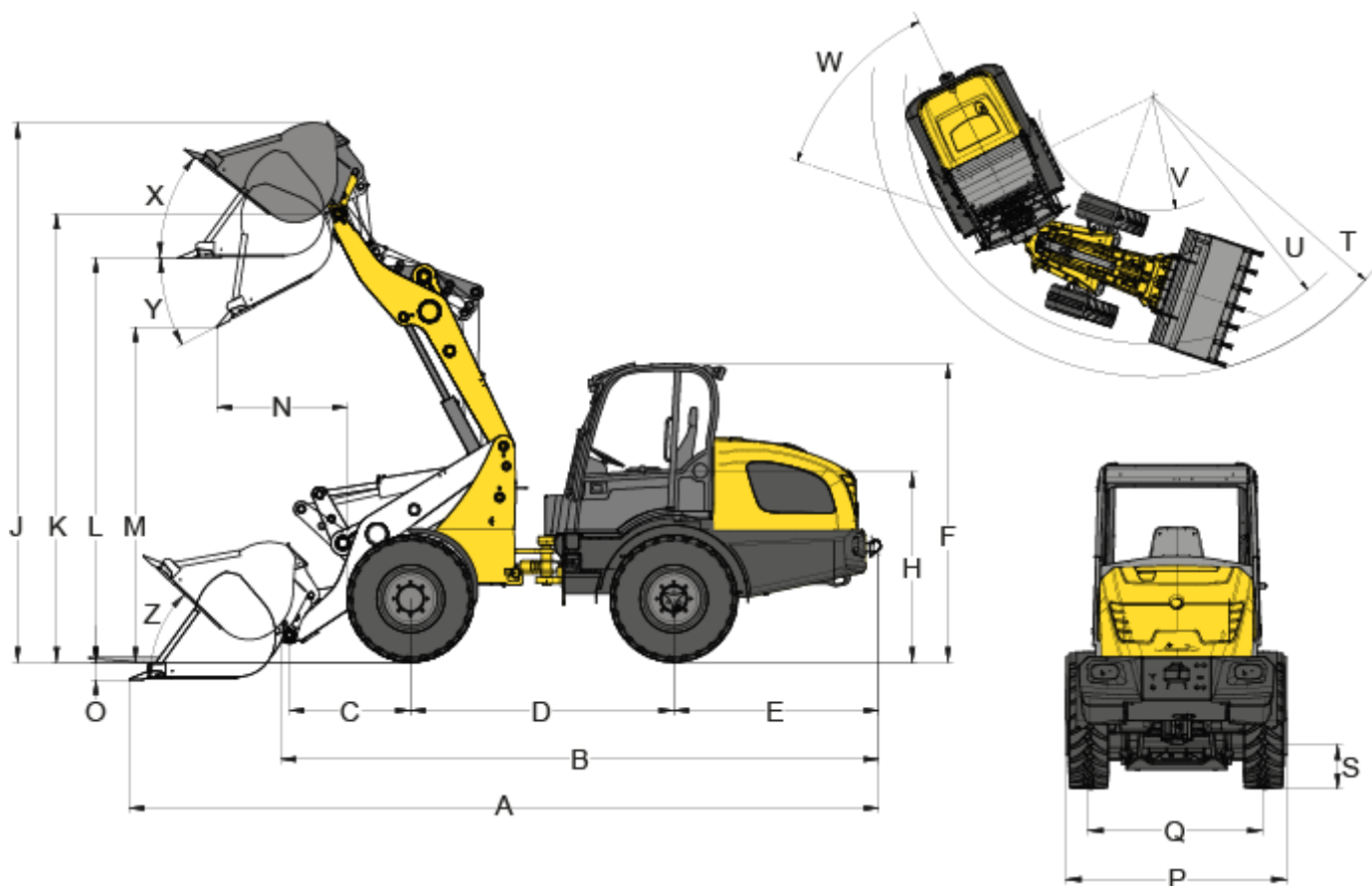
Sound level

Average sound power level L _{WA}	101 dB(A)
Guaranteed sound power level L _{WA}	103 dB(A)
Specified sound pressure level L _{pA}	78 dB(A)

Standard bucket = digging bucket, width 2200 mm (86.6 in)



Dimensions



Standard tires	405/70-18 EM ET0
A Overall length mm	5,898
B Overall length without bucket mm	4,780
C Bucket pivot point to axle center mm	991
D Wheelbase mm	2,150
E Rear overhang mm	1,676
F Height with cabine mm	2,693
H Seat height mm	1,609
J Total operating height mm	4,536
K Stroke height max. - bucket pivot point mm	3,686
L Overhead loading height mm	3,375
M Dumping height mm	2,840
N Range at M mm	799



O	Scraping depth mm	73.5
P	Overall width mm	1,829
Q	Track width mm	1,422
S	Ground clearance mm	375
T	Radius maximum mm	4,341
U	Radius at outer edge mm	3,686
V	Inside turning radius mm	1,666
W	Articulation angle °	45
X	Reverse roll angle at max. stroke height °	33
Y	Tip-out angle maximum °	33
Z	Reverse roll angle at ground level °	39

All values with standard bucket and standard tires

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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