



## WL 30

Wheel Loaders: bucket capacity < 0.65 m<sup>3</sup>



### **A great combination of power and versatility**

Enormous lifting and biting forces are characteristic of the Wacker Neuson articulated wheel loader WL 30, thanks to its 49 hp Perkins engine and P-Z kinematics. The choice of three different driver's platforms makes the WL 30 extremely versatile: Fixed or folding driver's canopy, or a cab.

- The P-Z kinematics creates enormous lifting and biting forces
- Choice of three different driver's platforms: Fixed or folding driver's canopy, and cab.
- The tilting driver's cab provides optimum service access
- Hydrostatic four-wheel drive and articulated steering
- Hydraulic quick-hitch system for a large number of attachments



## Technical specifications

	<b>Canopy</b>	<b>Cabin</b>
<b>Engine / Motor</b>		
Engine / Motor manufacturer	Perkins	Perkins
Engine / Motor type	404 D-22	404 D-22
Cylinder	4	4
Engine performance kW	35,7	35,7
at rpm maximum rpm	2.600	2.600
Displacement cm <sup>3</sup>	2.216	2.216
Coolant type	Water	Water
<b>Operating data and Weights</b>		
Operating weight kg	3.050	3.120
Speed Level 1 km/h	0-7	0-7
Speed Level 2 km/h	0-20	0-20
Bucket capacity Standard bucket m <sup>3</sup>	0,45	0,45
Lifting force maximum daN	3.229	3.229
Breakaway force maximum daN	4.043	4.043
Tipping load with bucket - machine straight kg	1.912	2.013
Tipping load with pallet fork - machine straight kg	1.537	1.625
Tipping load with bucket - machine at angle kg	1.625	1.714
Tipping load with pallet fork - machine at angle kg	1.300	1.377
Tipping load with bucket - machine at angle (40°) kg	1.625	1.714
Tipping load with pallet fork - machine at angle (40°) kg	1.300	1.377
<b>Hydraulic system</b>		
Driving hydraulics - operating pressure bar	450	450
Driving hydraulics - discharge capacity l/min	78	78
Operating hydraulics - operating pressure bar	210	210
Operating hydraulics - discharge capacity l/min	49	49
<b>Filling capacities</b>		
Tank capacity (fuel) l	53	53
Engine oil l	8,3	8,3
Hydraulic oil tank l	32	32
Hydraulic system l	40	40
Coolant l	11,5	11,5

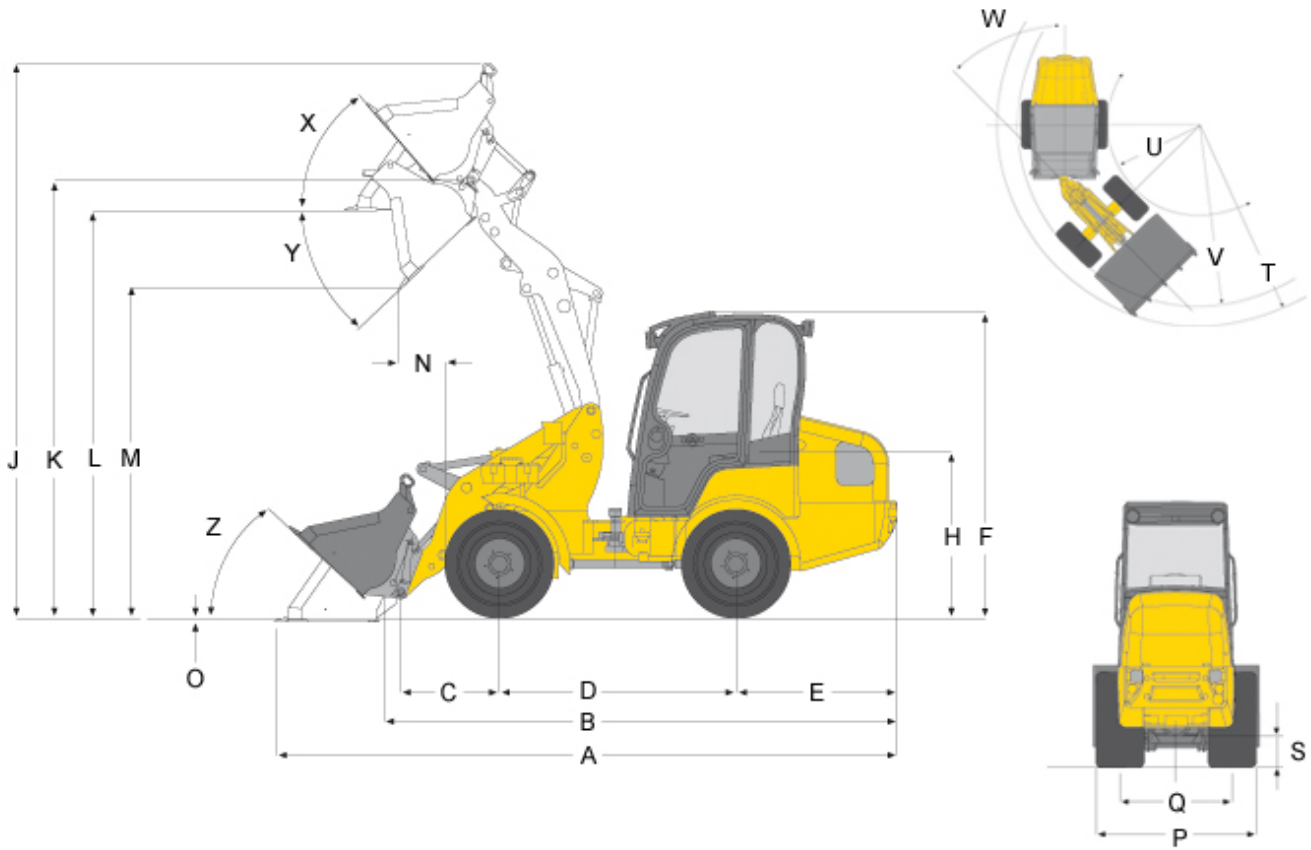


	<b>Canopy</b>	<b>Cabin</b>
Front axle l	3,2	3,2
Rear axle l	3,9	3,9
<b>Electrical system</b>		
Operating voltage V	12	12
Battery Ah	77	77
Alternator A	65	65
<b>Sound level</b>		
Cabin - specified sound pressure level LpA dB(A)	85	85
Sound level (LwA) dB(A)	101	101

Standard bucket = digging bucket, width 1400 mm



**Dimensions**



A	Overall length	4.554 mm
B	Overall length without bucket	3.748 mm
C	Bucket pivot point to axle center	722 mm
D	Wheelbase	1.732 mm
E	Rear overhang	1.179 mm
F	Height with driver's canopy	2.230 mm
F	Height with folding driver's canopy	2.344 mm
F	Height with folding driver's canopy, folded	1.828 mm
F	Height with cab	2.251 mm
H	Seat height	1.254 mm
J	Total operating height	4.070 mm
K	Bucket pivot point max.stroke height	3.209 mm
L	Overhead loading height	2.990 mm



M	Dumping height	2.416 mm
N	Range at M	334 mm
O	Scraping depth	26 mm
P	Overall width	1.345 mm
Q	Track width	941 mm
S	Ground clearance	261 mm
T	Radius maximum	3.442 mm
U	Radius at outer edge	3.080 mm
V	Inside turning radius	1.714 mm
W	Articulation angle	40 °
X	Reverse roll angle at max.stroke height	50 °
Y	Tip-out angle maximum	43 °
Z	Reverse roll angle at ground level	43 °

All values with standard bucket

**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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