



**WACKER
NEUSON**
all it takes!

WL20e Battery Wheel Loader

5 years /
5,000 hours
warranty

Electric, practical, emission-free.

The WL20e is the first exclusively electric-powered wheel loader by Wacker Neuson. Its performance features are equal to those of a conventional diesel-powered machine; the tipping load is even increased due to the higher operating weight. The WL20e works

fully emissions-free on site and with significantly lower noise pollution. For the end user, this means greater flexibility in application, environmental protection and significant savings on operating costs.



Performance when and where it's needed.

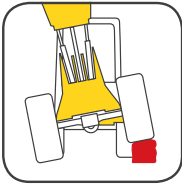
Two separate electric motors are installed in the WL20e: one for the drive system and one for driving the work hydraulics. This minimizes energy consumption because power is only utilized when it is actually needed. The electric motor for the drive system also enables the machine to start up dynamically and powerfully. This can be felt during every acceleration process and thus increases the operator's comfort.



Maintenance-free and leak-proof: AGM battery.

AGM "Absorbent Glass Mat". This battery has a sealed design. This means that leakage is not possible and the battery is maintenance-free, with no formation of oxyhydrogen gas. The AGM battery is characterized by low temperature sensitivity in relation to the outside temperature meaning it can be used all year round. The risk of fire is reduced with the AGM battery compared to a Li-ion battery. In addition, there is no memory effect on the battery.

Maximum traction thanks to articulated penndulum joint.



Because of the articulated pendulum joint with 12° oscillating angle, all four wheels retain excellent traction, even on uneven ground conditions and the operator maintains optimal control. This increases the productivity of the entire machine system. Because the front and rear carriages can oscillate independently of each other, the operator can sensitively react to any unevenness. This increases operator comfort and enables fatigue-free work over longer periods.



WL20e Technical Information.

	Units	WL20e
Mechanical – output details		
Travel speed	km/h	15
Mechanical Details		
Operating weight	kg	2,350
Bucket capacity	m³	0.2
Operating fluids		
Hydraulic fluid volume	l	37
Chassis		
Operating pressure	bar	225
Flow rate	l/in	32
Dimensions		
Total length	mm	3,721
Total length without bucket	mm	3,063
Bucket pivot point (to centre of axle)	mm	508
Wheel base	mm	1,468
Rear overhang	mm	975
Height with operator's canopy (fixed)	mm	2,209
Height with fold-down operator's canopy (EPS)	mm	2,351
Height with fold-down operator's canopy (EPS), folded down	mm	1,928
Height with lowerable operator's canopy (EPS Plus)	mm	2,255

	Units	WL20e
Height with lowerable operator's canopy (EPS Plus), lowered	mm	1,961
Seat height	mm	1,245
Total working height	mm	3,294
Bucket pivot point (max. lift height)	mm	2,713
Load-over height	mm	2,444
Dumping height	mm	2,031
Reach (at M)	mm	288
Digging depth	mm	74
Total width	mm	1,076
Track width	mm	810
Ground clearance	mm	207
Maximum radius	mm	2,681
Radius on the outer edge	mm	2,356
Inner radius	mm	1,219
Articulation angle	°	45°
Rollback angle at max. lift height	°	50°
Dumping angle	°	38°
Rollback angle on ground	°	48°
Tyres		27x10.50-15 EM ET-5