



## 6503

Mobile Excavators < 6 t



### **6503 – a strong combination of speed and engineering.**

Impressive power and speed coupled with easy operation – in short: Cost savings through efficiency. The Wacker Neuson 6503 wheeled excavator is suitable for a multitude of applications; thanks to its equipment options - mono or triple articulation boom, balloon or twin tires and auxiliary control circuits for the hydraulics. The optional top speed of 25 km/h is also a step forward in this area. With its four-wheel drive, the Wacker Neuson 6503 mobile excavator is the ideal machine for urban construction sites.

- Simple and robust construction with replaceable steel bushes on generously dimensioned bearings and tilting cab.
- Large diesel engine with optimally tuned hydraulic system.
- Comfortable to operate for the driver.
- High-speed drive, reaching up to 30 km/h.
- Mono/triple articulation boom: Sensitive operated arm systems for efficient excavation up to a depth of 4.2 m.



## Technical specifications

### Operating data

Shipping weight min.	6.035 kg
Operating weight min.	6.305 kg
Biting force	29,08 kN
Breakaway force	4.402 daN
Digging depth min.	3.540 mm
Dumping height max.	4.305 mm
Digging radius min.	6.240 mm
L x W x H	5,880 x 2,085 x 2,875 mm

### Engine / Motor

Engine / Motor type	4TNV98-VNS
Displacement	3.318 cm <sup>3</sup>
RPM / speed	2.100 rpm
Engine performance acc. to ISO	43,7 kW
Battery	88 Ah

### Hydraulic system

Flow rate	186,5 l/min
Operating pressure for working and traction hydraulics	225 bar
Operating pressure Slewing gear	235 bar
Hydraulic oil tank	80 l

### Wheel set

Tires Standard	300/15
Turning radius	5.300 mm
Track width	1.600 mm
Ground clearance	270 mm
Travel speed 20 km/h model, max.	20 km/h
Travel speed 30 km/h model, max.	30 km/h



Dozer Blade

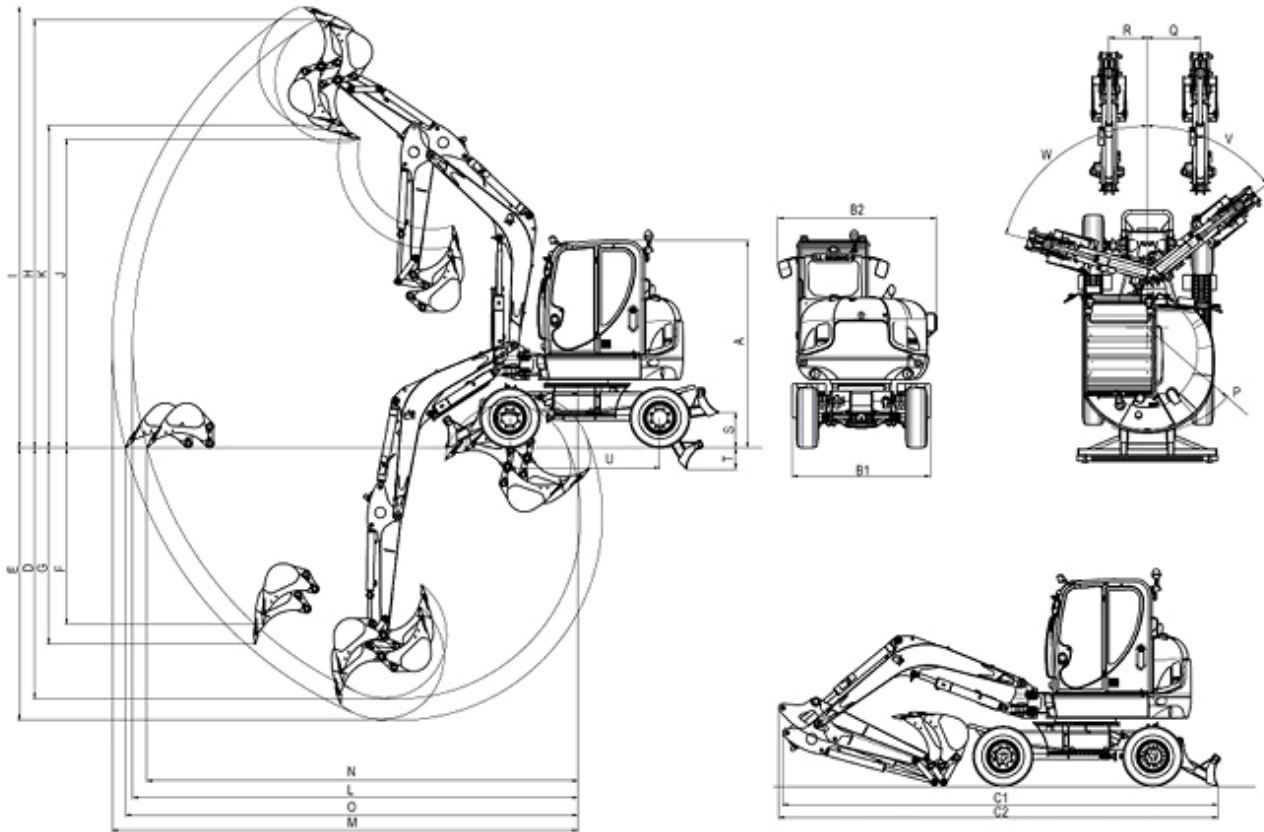
Width	1.965 mm
Height	400 mm
Stroke above ground, max.	490 mm
Stroke below ground, max.	285 mm

Sound level

Sound level (LwA) acc. to 2000/14/EC	98 dB(A)
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**Dimensions**



A	Height	2.900 mm
D	Digging depth Max. (short dipperstick)	3.515 mm
E	Digging depth Max. (long dipperstick)	3.815 mm
F	Insertion depth Max. vertical (short dipperstick)	2.475 mm
G	Insertion depth Max. vertical (long dipperstick)	2.750 mm
H	Insertion height Max. (short dipperstick)	6.000 mm
I	Insertion height Max. (long dipperstick)	6.190 mm
J	Dumping height Max. (short dipperstick)	4.330 mm
K	Dumping height Max. (long dipperstick)	4.518 mm
N	Range Max., on the ground (short dipperstick)	6.240 mm
O	Range Max., on the ground (long dipperstick)	6.525 mm
L	Digging radius Max. (short dipperstick)	6.040 mm
M	Digging radius Max. (long dipperstick)	6.340 mm



S	Lift height Max. levelling blade above formation	495 mm
T	Scraping depth Max. of levelling blade below formation	300 mm
B1	Width	1.935 mm

**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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