



## 2503

Compact Excavators < 6 t



### **2503 – The powerful classic.**

Wacker Neuson's power machine 2503 guarantees maximum productivity and optimal operator comfort, thanks to the generously dimensioned cab. The large Yanmar diesel engine, compact dimensions and maximum stability always deliver fantastic results.

- Exceptionally smooth running and powerful engines with high torque. The power control ensures optimal performance of the diesel engine.
- Wacker Neuson's tried and tested high performance hydraulics with auxiliary hydraulics to the dipper stick is standard.
- Easily removable, generously dimensioned cab with large door.
- Self-cleaning undercarriage and exceptionally smooth running due to asymmetric design of chassis and track profile.



## Technical specifications

### Operating data

Shipping weight min.	2,485 kg
Operating weight min.	2,640 kg
Biting force max.	13.52 kN
Breakaway force max.	2,250 daN
Digging depth	2,620 mm
Dumping height max.	2,925 mm
Digging radius	4,515 mm
L x W x H	4,410 x 1,370 x 2,370 mm

### Engine / Motor

Engine / Motor manufacturer	Yanmar
Engine / Motor type	3TNV88
Engine / Motor	Water-cooled 3-cylinder diesel engine
Displacement	1,642 cm <sup>3</sup>
RPM / speed	2,200 rpm
Engine performance acc. to ISO	19.2 kW
Battery	71 Ah
Tank capacity	41 l

### Hydraulic system

Duty pump	Double variable and gear pump
Flow rate	76 l/min
Operating pressure for working and traction hydraulics	240 bar
Operating pressure Slewing gear	200 bar
RPM / speed Superstructure	9 rpm
Hydraulic oil tank	27 l

### Wheel set

Travel speed max.	4.4 km/h
Gradeability	58 %
Chain width	250 mm



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Ground clearance	270 mm
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Dozer Blade

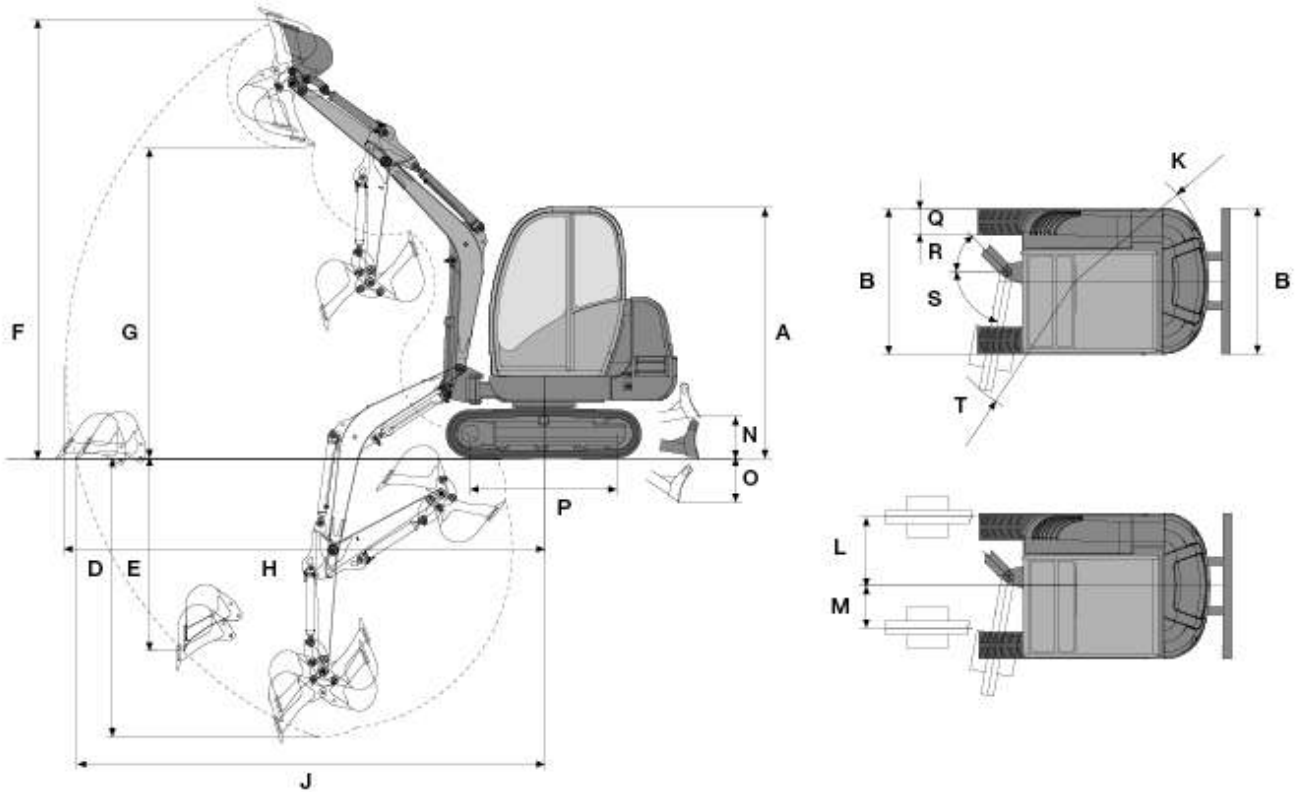
Width	1,370 mm
Height	390 mm
Stroke max. lifting height levelling blade above ground level	390 mm
Stroke max. scraping depth of levelling blade below ground level	415 mm

Sound level

Sound level (LwA) acc. to 2000/14/EC	94 dB(A)
Cabin - specified sound pressure level LpA acc. to ISO 6394	74 dB(A)



**Dimensions**



A	Height	2,370 mm
B	Width	1,370 mm
	Transport length (Arm gesenkt)	4,410 mm
D	Digging depth Max. (short dipper arm)	2,620 mm
D	Digging depth Max. (long dipper arm)	2,825 mm
E	Insertion depth Max., vertical (short dipper arm)	1,810 mm
E	Insertion depth Max., vertical (long dipper arm)	2,000 mm
F	Insertion height Max. (short dipper arm)	4,125 mm
F	Insertion height Max. (long dipper arm)	4,250 mm
G	Dumping height Max. (short dipper arm)	2,925 mm
G	Dumping height Max. (long dipper arm)	3,080 mm
H	Digging radius Max. (short dipper arm)	4,515 mm
H	Digging radius Max. (long dipper arm)	4,693 mm



J	Range Max., on the ground (short dipper arm)	4,410 mm
J	Rear overhang Max., on the ground (long dipper arm)	4,602 mm
K	Rear swivel radius Min.	1,240 mm
L	Arm displacement Max. boom offset to centre of bucket, right side	653 mm
M	Arm displacement Max. boom offset to centre of bucket, left side	393 mm
N	Lift height Max. dozer blade above ground	390 mm
O	Scraping depth Max. dozer blade below ground	415 mm
T	Boom slewing radius	1,360 mm
P	Length	1,840 mm
P	Length	1,385 mm
R	Turning angle Max. right	45 °
S	Turning angle Max. left	80 °
Q	Width	250 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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