



2503

Tracked Conventional Tail Excavators



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.	22.5 kN
Digging depth	2,620 mm
Dumping height max.	2,925 mm
Digging radius	4,515 mm
Superstructure slewing speed	9 1/min
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 ³
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
Chain width	250 mm



Ground clearance	270 mm
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Dozer Blade

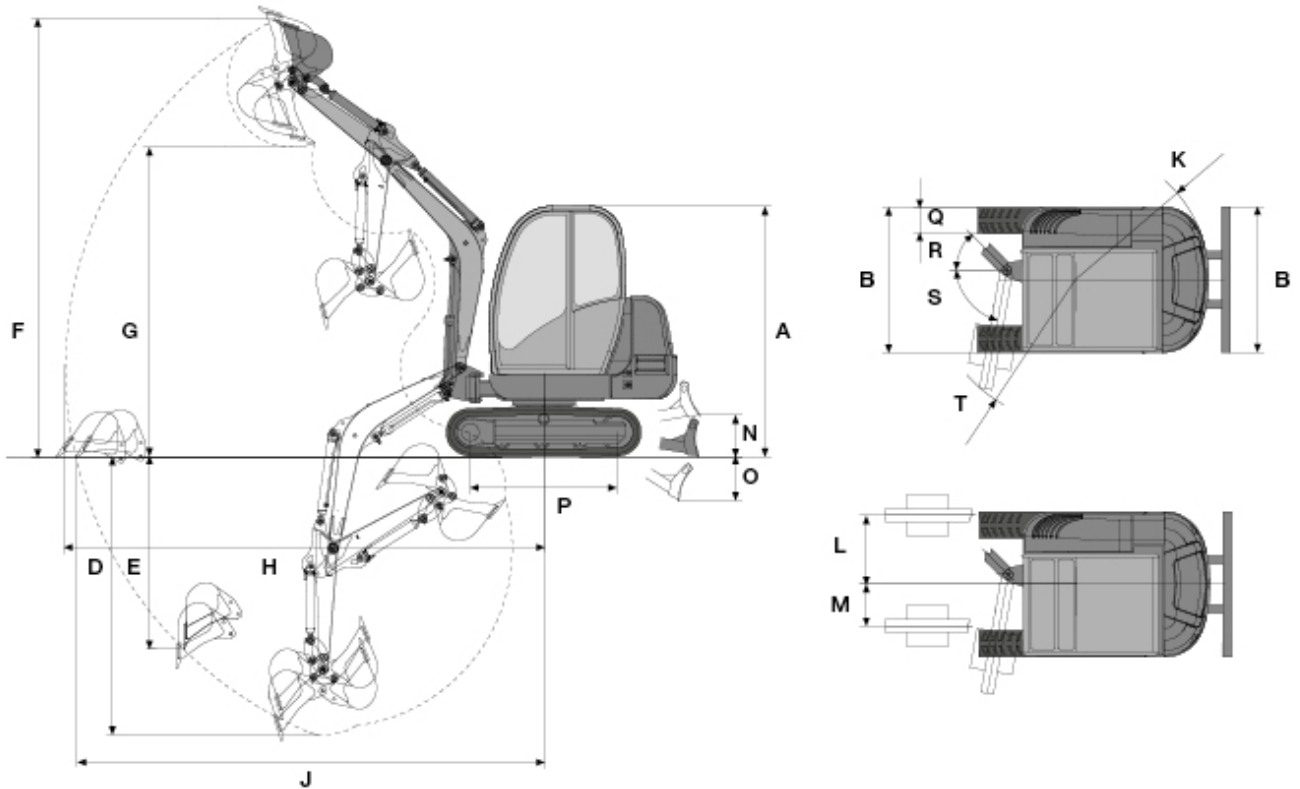
Width	1,370 mm
Height	390 mm
Stroke max. lifting height levelling blade above ground level	390 mm
Stroke max. scraping depth of levelling blade below ground level	415 mm

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



D	Digging depth Max. (short dipper arm) mm	2,620
D	Digging depth Max. (long dipper arm) mm	2,825
E	Insertion depth Max., vertical (short dipper arm) mm	1,810
E	Insertion depth Max., vertical (long dipper arm) mm	2,000
F	Insertion height Max. (short dipper arm) mm	4,125
F	Insertion height Max. (long dipper arm) mm	4,250
G	Dumping height Max. (short dipper arm) mm	2,925
G	Dumping height Max. (long dipper arm) mm	3,080
H	Digging radius Max. (short dipper arm) mm	4,515
H	Digging radius Max. (long dipper arm) mm	4,693
J	Range Max., on the ground (short dipper arm) mm	4,410
J	Rear overhang Max., on the ground (long dipper arm) mm	4,602
K	Rear swivel radius Min. mm	1,240



L	Arm displacement Max. boom offset to centre of bucket, right side mm	653
M	Arm displacement Max. boom offset to centre of bucket, left side mm	393
N	Lift height Max. dozer blade above ground mm	390
O	Scraping depth Max. dozer blade below ground mm	415
T	Boom slewing radius mm	1,360
P	Length mm	1,840
P	Length mm	1,385
R	Turning angle Max. right °	45
S	Turning angle Max. left °	80
Q	Width mm	250

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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