



6003

Tracked Conventional Tail Excavators



6003 Small Turn Excavator – Powerful and agile.

Powerful, large-capacity engines, small tail projection and perfectly coordinated hydraulic systems mean that Wacker Neuson's 6003 achieves first-class results - fast. In addition to the proven Wacker Neuson features, such as the generously proportioned tilting cab and easy service access, the optional triple-articulation boom greatly extends the digging radius and areas of application. Wacker Neuson is the only manufacturer to offer a 6-ton machine with an additional triple-articulation boom.

- Excellent stability and superior maneuverability with minimized tail projection.
- The spacious tilting cab with 5-way adjustable driver's seat gives an excellent all round view for easier, higher quality work.
- Superior engines and innovative hydraulics: The large dimensioned hydraulic system achieves significant surplus capacity.
- Durable stability: The rigid, robust X frame of high quality steel increases both stability and service life.
- Fewer working steps, greater efficiency. The 6003 is the only excavator in its class that can be fitted with an additional triple-articulation boom for an even greater excavation curve.



Technical specifications

Operating data

Shipping weight min.	5.605 kg
Operating weight min.	5.905 kg
Biting force max.	29,08 kN
Breakaway force max.	4.402 daN
Digging depth	3.845 mm
Dumping height max.	3.995 mm
Digging radius	6.210 mm
L x W x H	5,800 x 1,990 x 2,570 mm

Engine / Motor

Engine / Motor manufacturer	Yanmar
Engine / Motor type	4TNV98
Engine / Motor	Water-cooled 4-cylinder diesel engine
Displacement	3.318 cm ³
RPM / speed	2.100 rpm
Engine performance acc. to ISO	43,7 kW
Battery	88 Ah
Tank capacity	83 l

Hydraulic system

Duty pump	Double variable and 2-gear pump
Flow rate	173,5 l/min
Operating pressure for working and traction hydraulics	245 bar
Operating pressure Slewing gear	215 bar
Hydraulic oil tank	80 l

Wheel set

Travel speed max.	4,7 km/h
Gradeability	58 %
Chain width	400 mm
Ground clearance	290 mm



Dozer Blade

Width	1.990 mm
Height	425 mm
Stroke Dozer blade above ground	390 mm
Stroke Dozer blade below ground	400 mm

Sound level

Sound level (LwA) acc. to 2000/14/EC	98 dB(A)
Cabin - specified sound pressure level LpA acc. to ISO 6394	78 dB(A)



Dimensions

A	Height	2.570 mm
B	Width	1.990 mm
C	Transport length	5.800 mm
D	Digging depth Max. (short dipperstick)	3.854 mm
E	Digging depth Max. (long dipperstick)	4.140 mm
F	Insertion depth Max. vertical (short dipperstick)	2.855 mm
G	Insertion depth Max. vertical (long dipperstick)	3.135 mm
H	Insertion height Max. (short dipperstick)	5.660 mm
I	Insertion height Max. (long dipperstick)	5.850 mm
J	Dumping height Max. (short dipperstick)	3.995 mm
K	Dumping height Max. (long dipperstick)	4.185 mm
L	Digging radius Max. (short dipperstick)	6.210 mm
M	Digging radius Max. (long dipperstick)	6.490 mm
N	Range Max. on the ground (short dipperstick)	6.122 mm
O	Range Max. on the ground (long dipperstick)	6.415 mm
P	Rear swivel radius Min.	1.465 mm
Q	Arm displacement Max. to middle of bucket right side	745 mm
R	Arm displacement Max. to middle of bucket left side	535 mm
S	Lift height Max. levelling blade above formation	390 mm
T	Scraping depth Max. of levelling blade below formation	400 mm
U	Length of running gear	2.500 mm
V	Turning angle Max. arm system to the right	51 °
W	Turning angle Max. arm system to the left	75 °

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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