



803

Compact Excavators < 6 t



803 – A little giant.

The 803 is the smallest Wacker Neuson excavator – but what it lacks in size, it makes up in strength. Its compact size, at just 700 mm wide, makes it ideal for demolition and renovation work within buildings. The rubber tracks do not damage floors and it can easily drive through internal doors. Hydraulic functionality has been given particular attention. The standard auxiliary hydraulics permits the operation of various hydraulic attachments, such as the perfectly matched Wacker Neuson hydraulic hammer.

- A truly professional performance: The tried and tested 3-cylinder diesel engine is a veritable powerhouse; efficient, economical and reliable.
- One-way auxiliary hydraulics is a standard feature: Ideal for operating the perfectly matched Wacker Neuson hydraulic hammer.
- The folding dozer blade always stays connected to the machine and can never be lost.
- The extended hydraulic telescopic chassis with an 860 mm external width gives added stability. It can be retracted to a width of 700 mm in no time at all.
- Extremely robust design.



Technical specifications

Operating data

Shipping weight min.	930 kg
Operating weight min.	1.030 kg
Biting force max.	4,5 kN
Breakaway force	890 daN
Digging depth	1.731 mm
Dumping height max.	2.035 mm
Digging radius	3.074 mm
L x W x H *	2,746 x 700 x 1,507 mm

Engine / Motor

Engine / Motor manufacturer	Yanmar
Engine / Motor type	3TNV70
Engine / Motor	Water-cooled 3-cylinder diesel engine
Displacement	854 cm ³
RPM / speed	2.100 rpm
Engine performance acc. to ISO	9,6 kW
Battery	20 Ah
Tank capacity	10 l

Hydraulic system

Duty pump	2 gear pumps
Flow rate	22,8 l/min
Operating pressure for working and traction hydraulics	170 bar
Operating pressure Slewing gear	70 bar
RPM / speed Superstructure	8 rpm
Hydraulic oil tank	14 l

Wheel set

Travel speed	1,8 km/h
Gradeability	58 %
Chain width	180 mm



Ground clearance	127 mm
------------------	--------

Dozer Blade

Width min.	700 mm
------------	--------

Height	200 mm
--------	--------

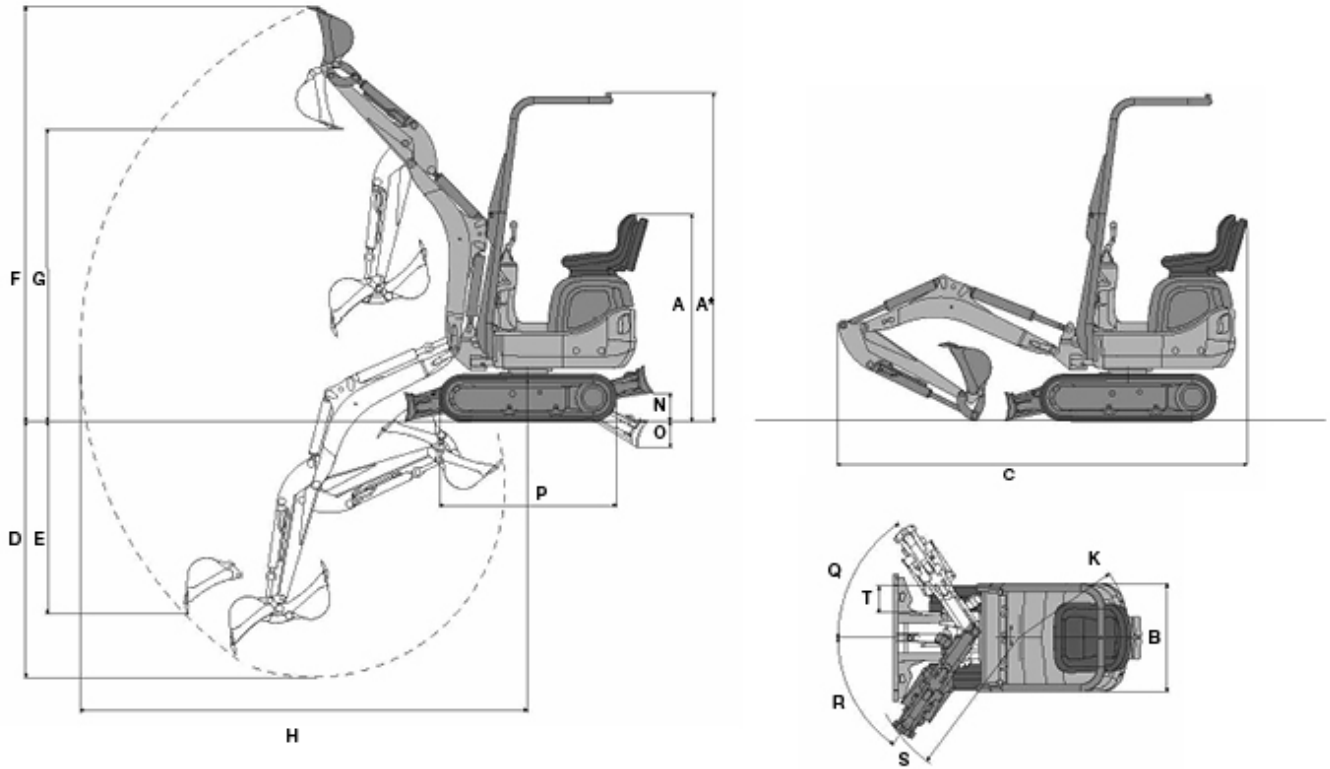
Sound level

Sound level (LwA) acc. to 2000/14/EC	93 dB(A)
--------------------------------------	----------

* Without ROPS bar



Dimensions



A	Height	1.507 mm
B	Width Superstructure	730 mm
B	Width Running gear width retracted	700 mm
B	Width Running gear width extended	860 mm
C	Transport length (arm lowered)	2.653 mm
D	Digging depth Max.	1.763 mm
E	Insertion depth Max.	1.320 mm
F	Insertion height Max.	2.857 mm
G	Dumping height Max.	2.012 mm
H	Digging radius Max.	3.090 mm
H	Range Max. reach on the ground	3.028 mm
K	Rear swivel radius	747 mm
K	Arm displacement Max. (from centre bucket right side)	245 mm



K	Arm displacement Max. (from centre bucket left side)	283 mm
N	Lift height (bulldozer blade above plane)	194 mm
O	Scraping depth (bulldozer blade above plane)	178 mm
S	Boom slewing radius Min.	1.039 mm
P	Length Running gear	1.220 mm
Q	Turning angle Max. (arm system to right)	56 °
R	Turning angle Max. (arm system to left)	55 °
T	Chain width	180 mm
A*	Height mit ROPS	2.261 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.

Copyright © 2015 Wacker Neuson SE.