



803

Tracked Conventional Excavator

the smallest that can also be emission-free

The 803 is the smallest Wacker Neuson excavator - but leaves absolutely nothing to be desired in terms of performance. Its narrow width of only 700 mm allows it to fit perfectly through interior doors, while its rubber tracks protect the flooring. This means it fits perfectly through interior doors and is gentle on the floor covering thanks to its rubber tracks. Special attention was paid to the hydraulic performance. Attachments, such as the tuned Wacker Neuson hydraulic breaker, can be operated without any problems using the standard auxiliary hydraulics. With the optional electro-hydraulic unit (HPU), the mini-excavator is ideal for emission-sensitive job sites and can be operated with the same output electrically, with no fumes.

Highlights

- Folding ROPS safety bar
- Standard one-way auxiliary hydraulics
- Highest engine power in its class
- Hydraulic telescopic chassis with dozer blade extension
- Easy transportation by car trailer

Technical Data

■ Hydraulic

Operating pressure hydraulics	170.0 bar
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Cylinder	3.0
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Hydraulic pump	ZRP
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Cylinder capacity	854.0 cm ³
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Flow rate	23.0 l/min
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Inclined position max.	30.0 °
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Tank capacity	14.0 l
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Effective power	9.9 KW
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Travel speed	1.8 km/h
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Nominal Engine speed	2,100.0 1/min
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Starter battery Voltage	12.0 V
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Battery capacity (nom. value)	20.0 Ah
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Width	700.0 mm
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Engine Manufacturer	Yanmar
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Height	2,261.0 mm
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Engine Designation	3TNV70
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Operating weight (min.-max.)	1,029.0 - 1,115.0 kg
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■ Environment Data	
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Digging depth (max.)	1,763.0 mm
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Sound power LWA, guaranteed	93.0 dB(A)
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■ Engine	
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Operating pressure	170.0 bar
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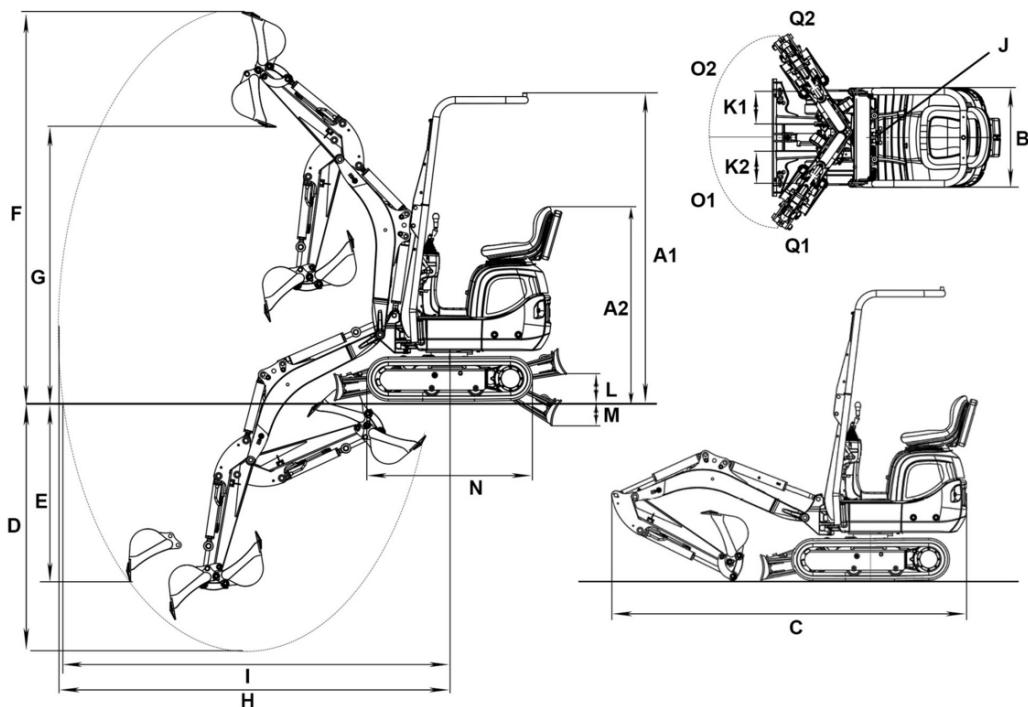
Cooling	Water-cooling
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■ Chassis	
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Engine type	Diesel engine
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Shipping weight	932.0 kg
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Dimensions



A1	Height ROPS	2,261 mm
A2	Height of ROPS tilted	1,427 mm
B	Width of upper carriage	730 mm
	Width travel gear	860 mm
B	Width travel gear retracted	700 mm
C	Transport length	2,828 mm
D	Digging depth max.	1,763 mm
E	Piercing depth max.	1,320 mm
F	Piercing height max.	2,857 mm
G	Dumping height max.	2,012 mm
H	Digging radius max.	3,090 mm
I	Max. reach at ground level	3,028 mm
J	Tail swing radius	747 mm
K1	Boom offset max. (to center of bucket right side)	245 mm
K2	Boom offset max. (to center of bucket left side)	283 mm
M	Digging depth max. (dozer blade below surface)	178 mm
N	Length travel drive	1,220 mm
O1	Max. swivel angle (arm system to the left)	55 °
O2	Max. swivel angle (arm system to the right)	56 °
Q2	Boom swing radius right	1,085 mm
Q1	Boom swing radius left	1,039 mm