

803 dual power

Tracked Conventional Tail Excavators



**WACKER
NEUSON**
all it takes!



1 excavator, 2 drives

Wacker Neuson dual power is the innovative solution for an emission-free auxiliary drive. In addition to the integrated diesel engine, the electro-hydraulic unit HPU8 can be connected to the 803 compact excavator if necessary. The HPU8 is technically tailor-made to the requirements of the excavator 803. In this way, the excavator can be operated electrically and emission-free if necessary. The handling is easy: The generator is connected to the undercarriage via Plug & Play – done.

- Two drive options: Diesel and electro-hydraulic drive
- Emission-free if necessary: For work indoors and in sensitive environments
- Consistent performance with both drives – even in breaker operation.
- Unrestricted work movements: Rotatable 360° with both drives
- Easy handling: Excavator weight, dimensions and machine center of gravity are unchanged

803 dual power Technical specifications

803 excavator with dual power option

Operating data

Shipping weight min.	955 kg
Operating weight	1,052 - 1,112 kg
Biting force max.	4.5 kN
Breakout force max.	8.9 kN
Digging depth max.	1,763 mm
Dumping height	2,012 - 2,035 mm
Digging radius max.	3,090 mm
Superstructure slewing speed	8 1/min
L x W x H	2,828 x 700 x 2,261 mm

Engine / Motor

Engine / Motor manufacturer	Yanmar
Engine / Motor type	3TNV70
Engine / Motor	Liquid-cooled, 3-cylinder diesel engine
Displacement	854 cm ³
RPM / speed	2,100 rpm
Engine performance according to ISO	9.6 kW
Battery	20 Ah
Tank capacity	7 l

Hydraulic system

Duty pump	Gear pumps
Max. flow rate	10.7 + 10.7 l/min
Operating pressure for working and driving hydraulics	170 bar
Operating pressure Slewing gear	70 bar
RPM / speed Revolving superstructure	8 rpm
Hydraulic oil tank	14 l

Undercarriage

Travel speed	1.8 km/h
Chain width	180 mm
Ground clearance	130 mm

Dozer Blade

Width min.	700 mm
Height	200 mm
Stroke Above subgrade	197 mm
Stroke Below subgrade	174 mm

Sound level

Sound level (LwA) according to 2000/14/EC	93 dB(A)
Cabin - specified sound pressure level LpA	77 dB(A)

7 kW

9 kW

Operating data**Engine / Motor**

Engine / Motor	3-phase electric motor	3-Phasen-Elektromotor
Engine performance kW	7.5	9
Voltage V	400	480
Input current A	16	16
Frequency Hz	50	60

Hydraulic system

Flow rate l/min	20	20
Operating pressure bar	210	210
Hydraulic oil tank l	9.6	9.6
Hose m	12	12

Sound level

Sound level (LwA) dB(A)	90.3	90.3
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803 dual power Dimensions

A*	Height	2,261 mm
A	Height	1,427 mm
B	Width Oberwagen	730 mm
B	Width Laufwerk eingefahren	700 mm
B	Width Laufwerk ausgefahren	860 mm
C	Transport length (Arm gesenkt)	2,828 mm
D	Digging depth max.	1,763 mm
E	Insertion depth senkrecht	1,320 mm
F	Insertion height Max.	2,863 mm
G	Dump height max.	2,012 mm
H	Digging radius max.	3,090 mm
I	Range	3,028 mm
J	Rear swivel radius	747 mm
K	Arm displacement	245 mm
K	Arm displacement	283 mm
L	Lift height	197 mm
M	Scraping depth	178 mm
N	Length	1,220 mm
O	Turning angle	56 °
P	Turning angle	55 °
R	Boom slewing radius	1,085 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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