# 803 dual power

#### **Tracked Conventional Tail Excavators**







#### 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

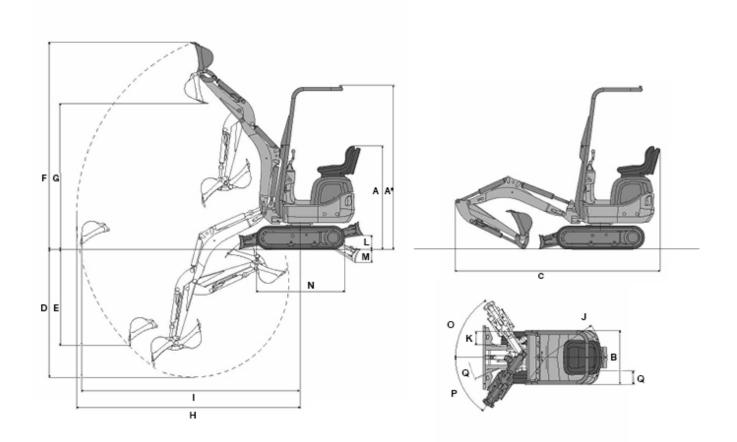
803 excavator with dual power option

Operating	data
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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
LxWxH	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 <sup>3</sup>
RPM / speed	2,100 rpm
Engine performance according to ISO	9.6 kW
Battery	20 Ah
Tank capacity	71
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	141
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
	174 mm
Stroke Below subgrade	17711111
Stroke Below subgrade  Sound level	174 (1111)
	93 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 I/min	20	20
Operating pressure bar	210	210
Hydraulic oil tank I	9.6	9.6
Hose m	12	12
Sound level		
Sound level (LwA) dB(A)	90.3	90.3

## 803 dual power Dimensions



A*	Height	2,261 mm
Α	Height	1,427 mm
В	Width Oberwagen	730 mm
В	Width Laufwerk eingefahren	700 mm
В	Width Laufwerk ausgefahren	860 mm
С	Transport length (Arm gesenkt)	2,828 mm
D	Digging depth max.	1,763 mm
Е	Insertion depth senkrecht	1,320 mm
F	Insertion height Max.	2,863 mm
G	Dump height max.	2,012 mm
Н	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
М	Scraping depth	178 mm
N	Length	1,220 mm
Ο	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. Copyright © 2019 Wacker Neuson SE.