

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.	2,105 lb
Operating weight	2,319 - 2,452 lb
Biting force max.	1,012 lbf
Breakout force max.	2,001 lbf
Digging depth max.	69.41 in
Dumping height	79.2 - 80.1 in
Digging radius max.	121.7 in
L x W x H	111.3 x 27.6 x 89 in

Engine / Motor

Engine / Motor manufacturer	Yanmar
Engine / Motor type	3TNV74F
Engine / Motor	Liquid-cooled, 3-cylinder diesel engine
Displacement	60.57 in ³
RPM / speed	2,500 rpm
Engine performance according to ISO	15.41 hp
Battery	20 CCA
Fuel tank capacity	1.8 US gal

Hydraulic system

Duty pump	Gear pumps
Max. flow rate	2.83 + 2.83 US gpm
Operating pressure for working and driving hydraulics	2,466 psi
Operating pressure Slewing gear	1,015 psi
RPM / speed Revolving superstructure	8 rpm
Hydraulic oil tank	3.7 US gal

Undercarriage

Travel speed	1.1 mph
Chain width	7.1 in
Ground clearance	5.1 in

Dozer Blade

Width min.	27.6 in
Height	7.9 in
Stroke - Above ground	7.76 in
Stroke - Below ground	6.85 in

Sound level

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

Electro-hydraulic unit HPU 8

Operating data

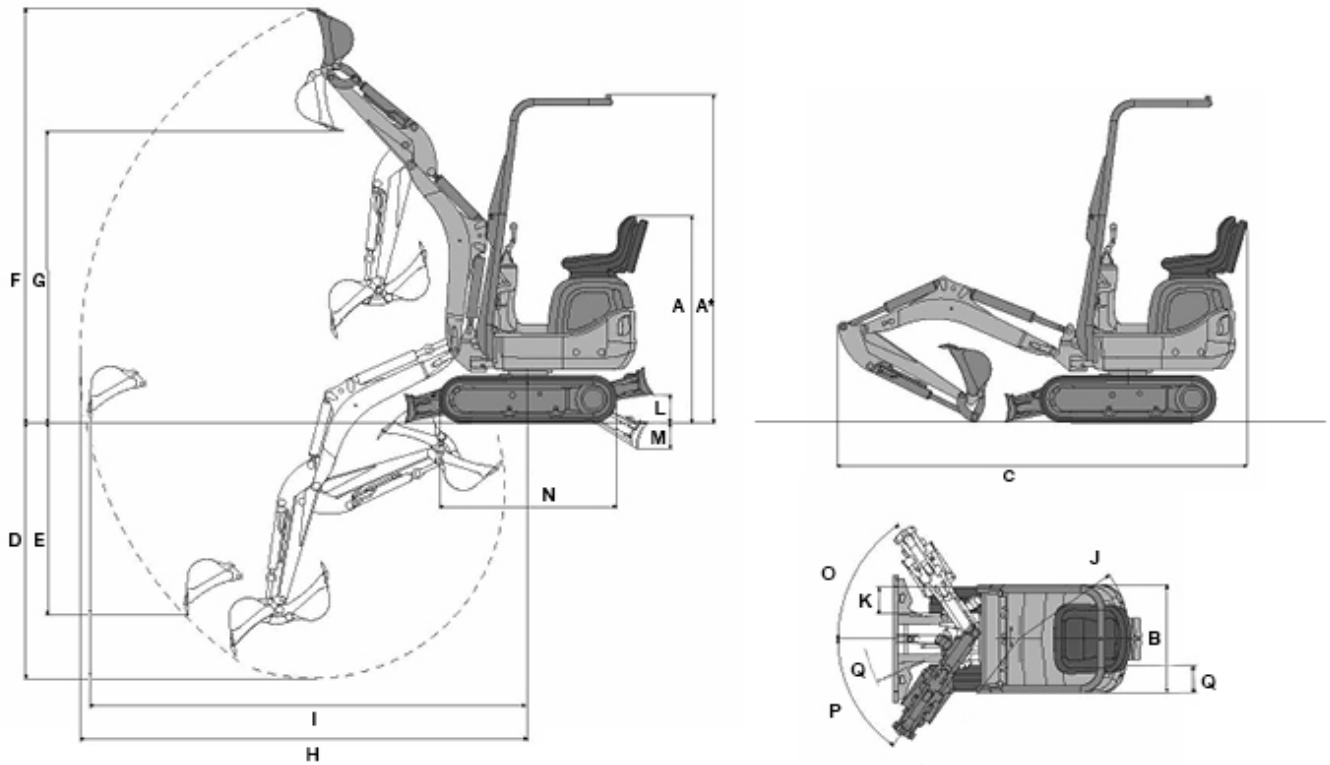
Engine / Motor

Engine / Motor	3-phase electric motor
Engine performance	10 hp
Voltage	480 V
Input current	16 A
Frequency	60 Hz

Hydraulic system

Flow rate	5.2 US gpm
Operating pressure	2,756 psi
RPM / speed	1,728 rpm
Hydraulic oil tank	2.4 US gal
Hose	39.4 ft

803 dual power Dimensions



A*	Height	89 in
A	Height	56.2 in
B	Width - Cab	28.7 in
B	Width - Undercarriage retracted	27.6 in
B	Width - Undercarriage extended	33.9 in
C	Transport length	111.3 in
D	Digging depth max.	69.4 in
E	Insertion depth	52 in
F	Insertion height	112.7 in
G	Dump height max.	79.2 in
H	Digging radius max.	121.7 in
I	Range	119.3 in
J	Rear swivel radius	29.4 in
K	Arm displacement to centre of bucket, right side	9.6 in
K	Arm displacement to centre of bucket, left side	11.1 in
L	Lift height - Above ground	7.8 in
M	Scraping depth - Below ground	7 in
N	Length - Track	48 in
O	Turning angle - Boom system to the right	56 °

P	Turning angle - Boom system to the left	55 °
Q	Chain width	7.1 in
R	Boom slewing radius	42.7 in

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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