

ET18

Tracked Conventional Excavator

Overall performance that’s impressive

With the excavator ET18, Wacker Neuson sets new standards in the 1.7 to 2.4 metric ton class. The combination of time-tested and proven elements and intelligent development approaches are demonstrated in the extra performance and efficiency. Well thought-out features such as a large cabin and the two-part front windshield mechanism also increase the operator’s comfort.

Highlights

- Hydraulic joystick operation
- Powerful drive system
- Hydraulic telescopic travel gear with dozer blade extension
- VDS Vertical Digging System
- Second cabin door for entry and exit on both sides

Technical Data

Hydraulic

Operating pressure hydraulics	200.0 bar
Hydraulicpump	Double variable and 2 gear pumps
Flow rate	73.0 l/min
Flow rate max.	73.0 l/min
Tank capacity	19.0 l

Mechanical - Output Details

Travel speed	5.3 km/h

Mechanical Details

Length	3,854.0 mm
Width	990.0 mm
Height	2,289.0 mm
Operating weight (min.-max.)	1,725.0 - 2,405.0 kg
Digging depth (max.)	2,402.0 mm

Engine

Cooling	Water-cooling
Engine type	Diesel engine
Cylinder	3.0
Cylinder capacity	1,116.0 cm³
Inclined position max.	30.0 °
Fuel	HVO EN15940
Effective power	13.8 kW
Nominal Engine speed	2,200.0 1/min
Exhaust-gas limit	EU Stage V
Battery capacity (nom. value)	44.0 Ah
Engine Manufacturer	Yanmar
Engine Designation	3TNV76-XNSV

Environment Data

Sound power LWA, guaranteed	93.0 dB(A)

Chassis

Operating pressure	200.0 bar

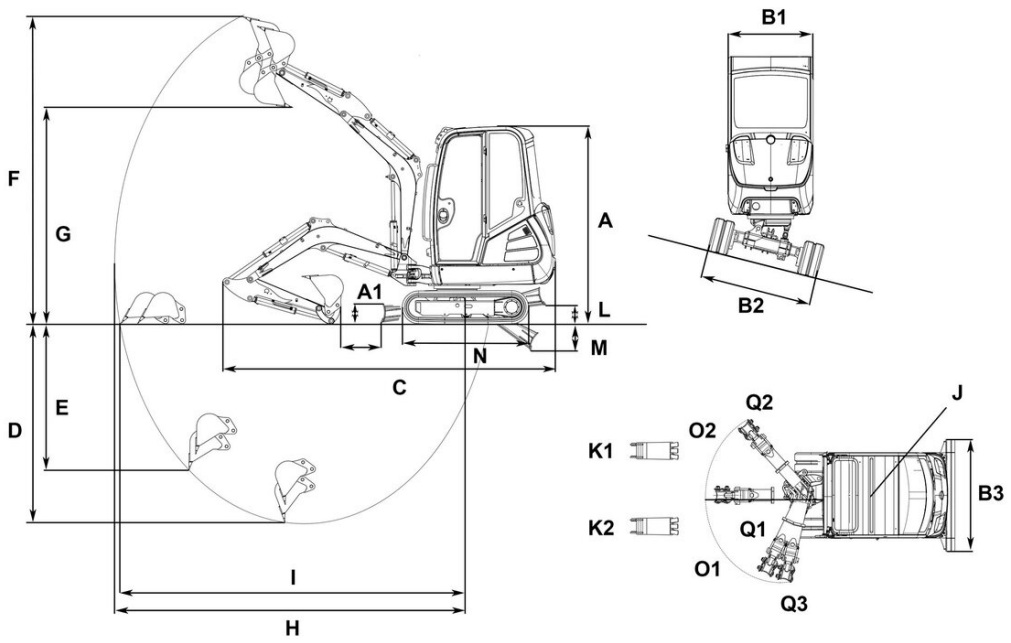
Shipping and Storage

Shipping weight	1,582.0 kg

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Dimensions



			VDS
A	Height with cab	2,285 mm	2,392 mm
	Height of canopy	2,289 mm	
A	Total height of cabin with rotating beacon	2,470 mm	2,577 mm
B1	Width of upper carriage	990 mm	990 mm
B2	Width travel gear	1,300 mm	1,300 mm
	Width travel gear retracted	990 mm	990 mm
B3	Width of dozer blade	990 mm	990 mm
C	Transport length	3,854 mm	3,801 mm
D	Digging depth max., short shovel arm	2,202 mm	2,095 mm
	Digging depth max., long shovel arm	2,402 mm	2,295 mm
E	Piercing depth max., short shovel arm	1,415 mm	1,309 mm
	Piercing depth max., long shovel arm	1,600 mm	1,493 mm
F	Piercing height max., short shovel arm	3,447 mm	3,553 mm
	Piercing height max., long shovel arm	3,558 mm	3,663 mm
G	Dumping height max., short shovel arm	2,510 mm	2,611 mm
	Dumping height max., long shovel arm	2,621 mm	2,722 mm
H	Digging radius max., short shovel arm	3,802 mm	3,802 mm
	Digging radius max., long shovel arm	3,989 mm	3,989 mm
I	Max. reach at ground level (short shovel arm)	3,700 mm	3,668 mm
	Max. reach at ground level (long shovel arm)	3,894 mm	3,864 mm
J	Tail swing radius	1,169 mm	1,169 mm
K1	Boom offset max. (to center of bucket right side)	516 mm	516 mm
K2	Boom offset max. (to center of bucket left side)	359 mm	359 mm
L	Stacking height max. (dozer blade above surface)		268 mm
M	Digging depth max. (dozer blade below surface)	311 mm	251 mm
N	Length travel drive	1,462 mm	1,465 mm
O1	Max. swivel angle (arm system to the left)	77 °	77 °
O2	Max. swivel angle (arm system to the right)	48 °	48 °
Q1	Boom swing radius center	1,584 mm	1,584 mm
Q2	Boom swing radius right	1,501 mm	1,501 mm
Q3	Boom swing radius left	1,279 mm	1,279 mm

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