



EW100

Wheeled Excavator

Productivity on wheels

Wacker Neuson's largest mobile excavator scores points with its innovative hydraulics with load-independent flow distribution and up to 5 additional control circuits ex works. Because of the built-in road travel mode, it does not require time and cost intensive transport to the next construction site. With the ECO operating mode, savings on fuel consumption of up to 20 percent are possible. A plus for the environment and the wallet. The EW100 mobile excavator is operator-friendly due to it having just one gas pedal—both for road travel as well as when working.

Highlights

- Optimal positioning of hydraulic components
- Large ergonomic comfort cab
- Closed driving circuit
- Triple boom

Technical Data

Hydraulic

hydraulikpump	ZRP with LS
Flow rate max.	85.9 gal/mi
Tank capacity	31.7 gal US

Mechanical - Output Details

Travel speed	12.4 m/H
Travel speed (Option)	24.8 m/H

Mechanical Details

Length	262.0 "
Width	96.5 "
Height	117.3 "
Operating weight (min.-max.)	21,351.8 - 26,579.0 lb
Digging depth (max.)	169.2 "

Engine

Cooling	Water-cooling
Motor type	Turbodieselengine
Cylinder	4.0
Cylinder capacity	206.7 Inch3

Effective power	73.8 hp
Nominal Engine speed	2,200.0 1/min
Operating power	115.3 hp
Operating Engine speed	2,400.0 1/min
Air cleaner	Dry air filter
Starter battery Voltage	12.0 V
Battery capacity (nom. value)	100.0 Ah
Manufacturer	Perkins
Engine designation	854F-E34TAWF

Environment Data

Sound level LpA	77.0 dB(A)
Sound power LWA, guaranteed	96.0 dB(A)

Chassis

Operating pressure	6,380.0 psi
Flow rate	47.6 gal/mi

Shipping and Storage

Shipping weight	20,372.9 lb
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Dimensions

A2	Height with cab	117.77 in
A5	Height of dozer blade	19.98 in
B1	Width of upper carriage	85.66 in
B2	Width of cab	38.93 in
B3	Width travel gear	96.69 in
B5	Width travel gear twin tires	20.25 in
B7	Width travel gear with balloon tires	20.88 in
B8	Width of dozer blade	97.12 in
C2	Transport length short shovel arm	285.93 in
C3	Transport length long shovel arm	288.21 in
D2	Digging depth max., short shovel arm	157.52 in
D3	Digging depth max., long shovel arm	4,244 in
E2	Piercing depth max., short shovel arm	132.23 in
E3	Piercing depth max., long shovel arm	143.73 in
F2	Piercing height max., short shovel arm	287.38 in
F3	Piercing height max., long shovel arm	294.83 in
G2	Dumping height max., short shovel arm	203.15 in
G3	Dumping height max., long shovel arm	210.63 in
H2	Digging radius max., short shovel arm	297.12 in
H3	Digging radius max., long shovel arm	308.19 in
I2	Max. reach at ground level (short shovel arm)	288.41 in
I3	Max. reach at ground level (long shovel arm)	299.87 in
L1	Stacking height max. (dozer blade above surface)	19.86 in
M1	Digging depth max. (dozer blade below surface)	5.2 in
N1	Length travel drive	125.8 in
O1	Max. swivel angle (arm system to the left)	67 °
O2	Max. swivel angle (arm system to the right)	63 °
Q1	Boom swing radius center	116.35 in
Q2	Boom swing radius right	106.66 in
Q3	Boom swing radius left	95.51 in
R1	Distance bucket dozer blade, short shovel arm	4.73 in
R2	Distance bucket dozer blade, long shovel arm	6.5 in