



## 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

Hydraulic pump	ZRP with LS
flow rate max.	325.0 l/min
tank capacity	120.0 l

#### Mechanical - Output Details

Travel speed	20.0 km/h
Travel speed (Option)	40.0 km/h

#### Mechanical Details

Length	6,656.0 mm
Width	2,450.0 mm
Height	2,980.0 mm
Operating weight (min.-max.)	9,685.0 - 12,056.0 kg
Digging depth (max.)	4,298.0 mm

#### Engine

Cooling	Water-cooling
Engine type	Turbodiesel engine
Cylinder	4.0
Cylinder capacity	3,387.0 cm <sup>3</sup>

Effective power	55.0 KW
Nominal Engine speed	2,200.0 1/min
Operating power	86.0 KW
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
Engine 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	440.0 bar
flow rate	180.0 l/min

#### Shipping and Storage

Shipping weight	9,241.0 kg
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## Dimensions

A2	Height with cab	2,989 mm
A5	Height of dozer blade	507 mm
B1	Width of upper carriage	2,174 mm
B2	Width of cab	988 mm
B3	Width travel gear	2,454 mm
B5	Width travel gear twin tires	514 mm
B7	Width travel gear with balloon tires	530 mm
B8	Width of dozer blade	2,465 mm
C2	Transport length short shovel arm	7,257 mm
C3	Transport length long shovel arm	7,315 mm
D2	Digging depth max., short shovel arm	3,998 mm
D3	Digging depth max., long shovel arm	4,298 mm
E2	Piercing depth max., short shovel arm	3,356 mm
E3	Piercing depth max., long shovel arm	3,648 mm
F2	Piercing height max., short shovel arm	7,294 mm
F3	Piercing height max., long shovel arm	7,483 mm
G2	Dumping height max., short shovel arm	5,156 mm
G3	Dumping height max., long shovel arm	5,346 mm
H2	Digging radius max., short shovel arm	7,541 mm
H3	Digging radius max., long shovel arm	7,822 mm
I2	Max. reach at ground level (short shovel arm)	7,320 mm
I3	Max. reach at ground level (long shovel arm)	7,611 mm
L1	Stacking height max. (dozer blade above surface)	504 mm
M1	Digging depth max. (dozer blade below surface)	132 mm
N1	Length travel drive	3,193 mm
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	2,953 mm
Q2	Boom swing radius right	2,707 mm
Q3	Boom swing radius left	2,424 mm
R1	Distance bucket dozer blade, short shovel arm	120 mm
R2	Distance bucket dozer blade, long shovel arm	165 mm