



EW100

Wheeled Excavators



Quickly on the go with the EW100 mobile excavator

The 10-ton mobile excavator EW100 wins over with a power output, low fuel consumption and particularly user-friendly features. The minimized fuel consumption – with savings of up to 20 percent – is achieved through the new ECO operating mode, which allows for efficient work by reducing the rpm's and by adapting the pump: a plus for the environment and the wallet. The mobile excavator EW100 is particularly operator-friendly thanks to a drive pedal – for both road travel as well as working operation.

- 15% more power output with up to 20% less fuel consumption
- Equipped with a tier IV engine
- Modern jog dial system, known in the automotive industry: The menu is intuitively operated via a rotary push button
- Maximum connection options with up to 5 auxiliary control circuits, of which 3 are individually adjustable



40 km/h offer a great mobility

The EW100 drives to the job site at up to 40 km/h – this saves time, money and the additional transport.



ECO Mode

Low-consumption work and high fuel savings.

+ 15 % power

- 20 % consumption

+ 30 % tractive force

In comparison to the previous model.



Modern jog dial system

As is common in the automotive industry the menu is handled intuitively by a jog dial system.

Always choose the perfect working mode:

• **ECO mode**

The standard mode for efficient and fuel-saving work.

• **HI mode**

Maximum pump capacity for fast and powerful work.

• **LOW mode**

For precision work.



Emission stage 3B / Tier IVi

Environmentally friendly and economic in consumption

Thanks to the exhaust emission stage 3B / Tier IVi and nearly 20 % less fuel consumption. Three operating modes are available during application on the job site.



Maintenance 2.0

Connect any output device, laptop or tablet with the connection inside the cabin – instantly you gain access to the maintenance diagnosis tool.

The EW100 is equipped additionally with an error code output and standard mini measurement connections.

Time is money – and downtime is expensive.



Excellent service access

Access easily the service points by the tiltable cabin and the wide opening engine hood.

All maintenance components like fuel, air, oil and hydraulics filter, the water and the hydraulics cooler are easy to access.



Technical specifications

EW100 with mono-boom

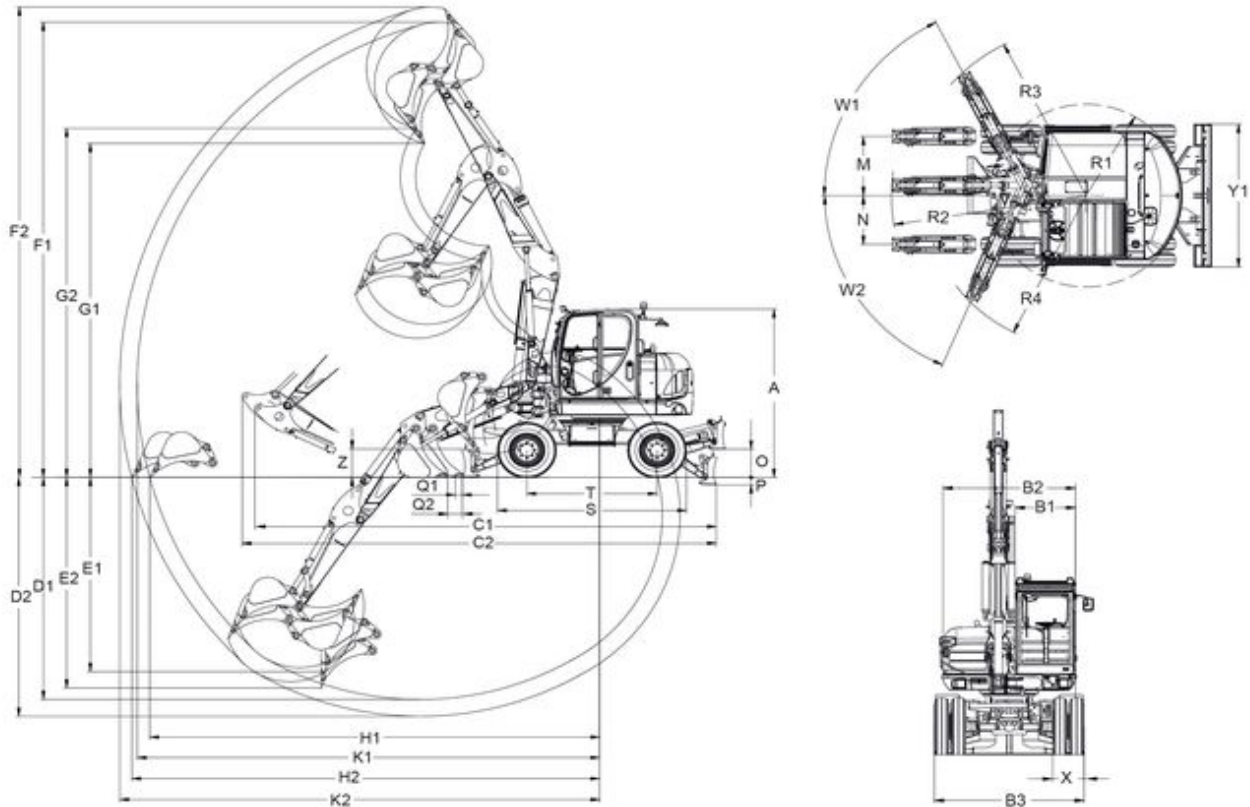
	Standard	Option 86 kW
Operating data		
Shipping weight min. kg	9,590	9,590
Operating weight min. kg	10,035	10,035
Biting force max. (ISO 6015) kN	47	47
Breakaway force max. (ISO 6015) kN	54.1	54.1
Digging depth min. mm	3,941	3,941
Dumping height max. mm	5,933	5,933
Digging radius min. mm	7,852	7,852
Superstructure slewing speed 1/min	10	10
L x W x H mm	6,656 x 2,454 x 2,988	7,255 x 2,450 x 2,980
Engine / Motor		
Engine / Motor manufacturer	Perkins	Perkins
Engine / Motor type	854E-E34TA	854
Engine / Motor	4-Zylinder Turbodieselmotor	Liquid-cooled, 4-cylinder turbo diesel engine
Displacement cm ³	3,387	3,387
RPM / speed rpm	2,400	2,400
Engine performance according to ISO kW	55	86
Battery Ah	100	100
Hydraulic system		
Duty pump	1-Pumpen Load Sensing	1-pump Load Sensing
Flow rate l/min	180	180
Operating pressure for driving hydraulics bar	440	440
Hydraulic oil tank l	120	120
Wheel set		
Axles Front axle	Lenkachse pendelnd	Oscillating steering axle
Axles Rear axle	Lenkachse starr	Rigid steering axle
Tires Standard	Zwillingsbereifung 8.25/20	Dual tires 8.25/20
Turning radius mm	5,570	5,570
Track width mm	1,942	1,942
Ground clearance mm	361	361
Travel speed 20 km/h version, max. km/h	20	40



	Standard	Option 86 kW
Dozer Blade		
Width mm	2,465	2,465
Height mm	500	500
Stroke mm	498	498
Stroke mm	132	132
Sound level		
Sound level (LwA) dB(A)	101	101



Dimensions



A	Height mm	2,988
B1	Width cabin mm	990
B2	Width revolving superstructure mm	2,174
B3	Width traversing gear mm	2,455
C1	Transport length VA, short ds mm	6,656
C2	Transport length VA, long ds mm	6,886
D1	Digging depth max., VA, short ds mm	3,941
D2	Digging depth max., VA, long ds mm	4,244
E1	Insertion depth max., vertical, VA, short ds mm	3,450
E2	Insertion depth max., vertical, VA, long ds mm	3,740
F1	Insertion height max., VA, short ds mm	8,090
F2	Insertion height max., VA, long ds mm	8,355
G1	Dumping height max., VA, short ds mm	5,933



G2	Dumping height max., VA, long ds mm	6,201
H1	Range max. on the bottom, VA, short ds mm	7,602
H2	Range max. on the bottom, VA, long ds mm	7,903
K1	Digging radius max., VA, short ds mm	7,812
K2	Digging radius max., VA, long ds mm	8,107
O	Lift height max., dozer blade above subgrade mm	504
P	Scraping depth max., dozer blade below subgrade mm	132
Q1	Distance bucket dozer blade (VA, short ds) mm	120
Q2	Distance bucket dozer blade (VA, long ds) mm	165
R1	Rear swivel radius min. mm	1,575
R2	Boom slewing radius middle; triple-boom mm	3,191
R3	Boom slewing radius right; triple-boom mm	2,930
R4	Boom slewing radius left; triple-boom mm	2,640
S	Length total traveling gear mm	3,193
T	Length traveling gear, Turas guide wheel mm	2,200
X	Width dual tires mm	514
X	Width balloon tires mm	530
Y1	Width dozer blade mm	2,465
Z	Height Dozer blade mm	507

VA = triple boom ds = dipper stick

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 © 2015 Wacker Neuson SE.