



## EW100

### Wheeled Excavator

Innovative thinking - the future of wheeled excavators

The EW100 sets new standards in terms of performance, safety and comfort, considerably ahead of just about every other wheeled excavator in a drag race. The collaboration of attachment management and assistance systems with an optimized field of vision around the machine could not be better adapted to everyday construction site work. And it is possible to operate every attachment without downturns with twice as much auxiliary hydraulics power.

#### Highlights

- Very good all-round visibility
- Topmost performance in all areas
- Human Machine Interface
- Trailer operation
- Attachments interface

#### Technical Data

##### ■ Hydraulic

Operating pressure hydraulics	300.0 bar
Flow rate	180.0 l/min

Inclined position max. 30.0 °

Fuel HVO EN15940

##### ■ Mechanical - Output Details

Nominal rotation speed	1,900.0 1/min
Travel speed	30.0 km/h
Travel speed (Option)	40.0 km/h

Effective power 55.4 KW

Nominal Engine speed 1,900.0 1/min

Maximum torque 300.0 Nm

Air cleaner Dry air filter

Starter battery Voltage 12.0 V

Engine Manufacturer Perkins

Engine Designation 904J-E28T

Stroke 110.0 mm

Bore 80.0 mm

##### ■ Environment Data

Sound power LWA, guaranteed 98.0 dB(A)

Exhaust gas limit values EU Stage V

##### ■ Chassis

Operating pressure 440.0 bar

Flow rate 180.0 l/min

##### ■ Shipping and Storage

Shipping weight 10,320.0 kg

##### ■ Engine

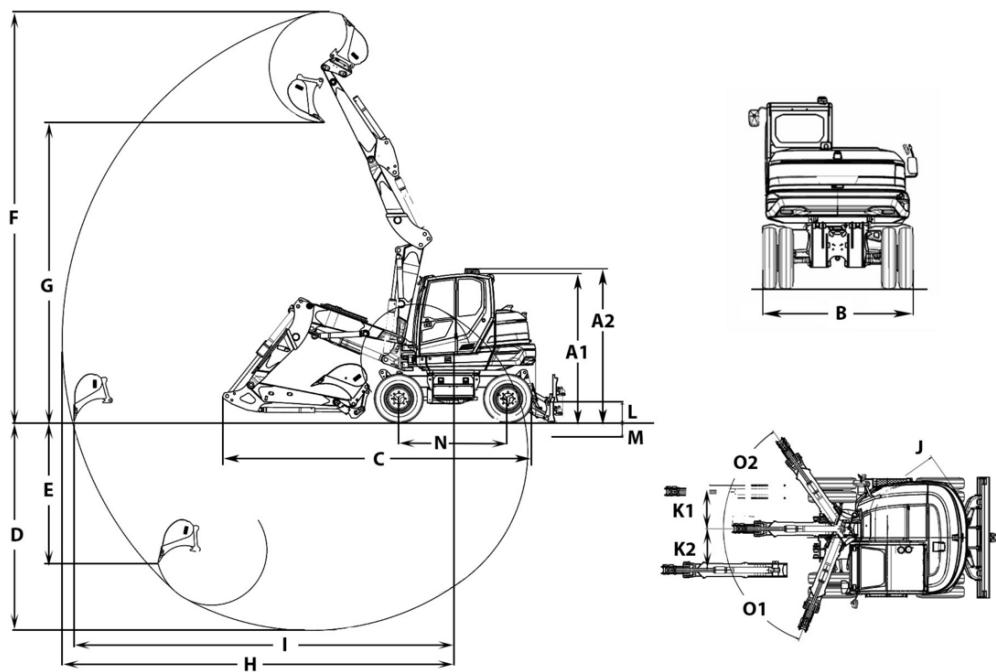
Cooling	Water-cooling
Engine type	Turbodieselengine
Cylinder	4.0
Cylinder capacity	2,799.0 cm <sup>3</sup>

## Available engines

### 100 kW Diesel engine (Stage 5)

Cooling	Water-cooling
Engine type	Diesel engine
Cylinder	4
Cylinder capacity	3,621 cm <sup>3</sup>
Effective power	100 kW
Nominal Engine speed	1,900 1/min
Exhaust-gas limit	EU Stage V
Engine Manufacturer	Perkins
Engine Designation	904J-E36TA
Stroke	120 mlai
Bore	98 mlai

## Dimensions



		Balloon tires	Twin tires with intermediate ring	Twin tires without intermediate ring
<b>A1</b>	Height with cab	2,963 mm	2,980 mm	2,971 mm
	Height of dozer blade	495 mm	495 mm	495 mm
<b>A2</b>	Total height with rotating beacon	3,057 mm	3,074 mm	3,065 mm
<b>B</b>	Width travel gear	2,450 mm	2,454 mm	2,521 mm
<b>C</b>	Transport length	6,314 mm	6,314 mm	6,314 mm
<b>D</b>	Digging depth max.	4,211.7 mm	4,211.7 mm	4,211.7 mm
<b>E</b>	Piercing depth max.	2,858.3 mm	2,858.3 mm	2,858.3 mm
<b>F</b>	Piercing height max.	8,262.4 mm	8,262.4 mm	8,262.4 mm
<b>G</b>	Dumping height max.	5,582.1 mm	5,582.1 mm	5,582.1 mm
<b>I</b>	Max. reach at ground level	7,660.4 mm	7,660.4 mm	7,660.4 mm
<b>J</b>	Tail swing radius	1,690 mm	1,690 mm	1,690 mm
<b>K1</b>	Boom offset max. (to center of bucket right side)	940 mm	940 mm	940 mm
<b>K2</b>	Boom offset max. (to center of bucket left side)	625 mm	625 mm	625 mm
<b>L</b>	Stacking height max. (dozer blade above surface)	390 mm	390 mm	390 mm
<b>M</b>	Digging depth max. (dozer blade below surface)	136 mm	136 mm	136 mm
<b>N</b>	Wheel base	2,200 mm	2,200 mm	2,200 mm
<b>O1</b>	Max. swivel angle (arm system to the left)	70 °	70 °	70 °
<b>O2</b>	Max. swivel angle (arm system to the right)	55 °	55 °	55 °