

SD1800W e Electric City Pavers



TECHNICAL DATA

MASSES

Mass (incl. standard screed) 10.3 t

DIMENSIONS

Basic width	1.90 m
Working width, hydraulic extendable	3500 mm
Working width, maximum (incl. extension boxes)	4.10 m
Working width, minimum (with reducing shoe)	0.70 m
Front ramp angle	15°
Rear ramp angle	13°

CAPACITY

Placement thickness (max)	200 mm
Practical placement capacity	350 t/h

UNDERCARRIAGE

Final drive	Hydrostatic
Front wheels	492/260-378
Rear wheels	385/64-R22,5
Turning radius (inside)	2.51 m
Turning radius (outside)	4.31 m

MATERIAL HOPPER

Capacity	10.5 t
Hopper width, internal	3040 mm
Dumping height, center	520 mm

TRACTION

Maximum paving speed	25 m/min
Transport speed	15 km/h

ELECTRICAL SYSTEM

Battery type	Lithium-ion
Nominal battery voltage	700 V
Battery capacity (gross)	98 kWh
Auxiliary battery voltage	24 V

CHARGING

5 -80% @ 80kW (DC)	~40 min
5 -80% @ 400V 22kW (AC)	~3 hours

ELECTRICAL MOTOR

Motor type	Permanent Magnet Synchronous Motor (PMSM)
Motor power @ 3000 rpm	55 kW

OPERATION

Operational controls	Pave Manager 2.0
Platform	Extendable roof, slidable seat station, sliding/tilting control panel, swivel seat

CONVEYOR

Conveyor control	Proportional speed control, Both sides driven independently, Reversible
Conveyor type	Dual bar feeder
Conveyor width	700 mm

AUGER

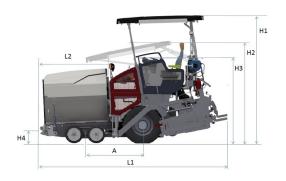
Auger diameter	320 mm
Auger height adjustment	200 mm

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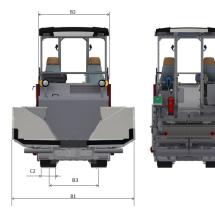


DIMENSIONS





A. Wheelbase	1.60 m
B1. Width, max.	3.15 m
B2. Width, standard	1.91 m
H1. Height, max.	3.60 m
H2. Height, transport	2.92 m
H3. Height	2.40 m
H4. Dumping height	0.50 m
L1. Length	4.99 m
L2. Length, hopper	1.99 m



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