

Dynapac SD2550C

Large pavers



Technical data



Masses

Weight (incl. standard screed)	20 t
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Dimensions

Basic width	2.55 m
Working width, max.	12 m
Working width, minimum (with reducing shoe)	2.05 m
Front ramp angle	13°



Capacity

Placement thickness (max)	360 mm
Theoretical placement capacity	900 t/h



Material hopper

Capacity	7.0 m ³
Dumping height (center/outside)	525 mm / 530 mm
Hopper width, internal	3.29 m



Traction

Maximum paving speed	28 m/min
Transport speed	4.0 km/h



Engine

Manufacturer/Model	Cummins QSB6.7-C220
Emissions according to	Stage IIIA (Tier 3)
Rated power, SAE J1995	164 kW @ 2200 rpm
Electrical system	24 V
Fuel tank capacity	320 l



Engine

Manufacturer/Model	Cummins QSB6.7-C225
Emissions according to	Stage IV (Tier 4f)
Rated power, SAE J1995	168 kW @ 2200 rpm
Electrical system	24 V
Fuel tank capacity	320 l



Undercarriage

Crawler length	3.36 m
Crawler width	320 mm



Conveyor

Conveyor type	Dual bar feeder
Conveyor control	Automatic with limit switches
Conveyor width	2x 655 mm



Auger

Auger diameter	430 mm
Auger control	Proportional speed control, Both sides driven independently

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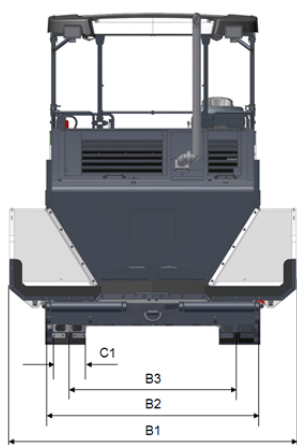
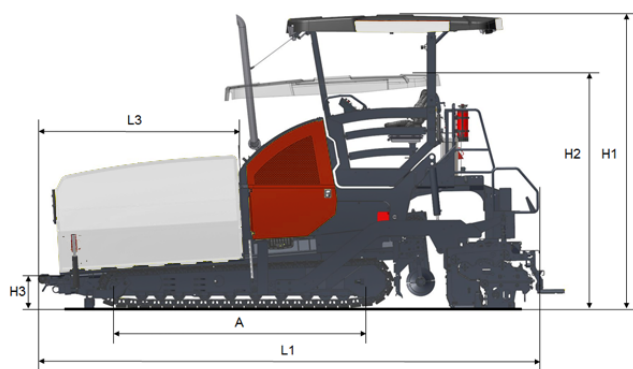
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Dimensions	
A. Axle track	3.36 m
B1. Width, max.	3.47 m
B2. Width, standard	2.55 m
B3. Width, center of tracks	1.99 m
C1. Track width	0.32 m
H1. Height, max.	3.90 m
H2. Height, transport	3.10 m
H3. Height	0.46 m
L1. Length	6.63 m
L3. Length, hopper	2.60 m

Suitable screeds					
Model	Basic width	Working width, hydraulic extendable	Working width, max.	Compacting elements	Heating system
Dynapac V5100TVE	2.55 m	5.10 m	8.80 m	Vertical impact tamper /Vibration	Electrical
Dynapac V5100TVH	2.55 m	5.10 m	8.10 m	Vertical impact tamper /Vibration and secondary compactor	Electrical
Dynapac V5100TV	2.55 m	5.10 m	8.80 m	Vertical impact tamper/Vibration	Propane (LPG)
Dynapac R300TVE	3.00 m	N/A	14.00 m	Vertical impact tamper/Vibration	Electrical
Dynapac V6000TV	3.00 m	6.00 m	9.70 m	Vertical impact tamper/Vibration	Propane (LPG)
Dynapac V6000TVE	3.00 m	6.00 m	9.70 m	Vertical impact tamper/Vibration	Electrical
Dynapac R300TV	3.00 m	N/A	14.00 m	Vertical stroke tamper /Vibration	Propane (LPG)
Dynapac V6000TVH	3.00 m	6.00 m	9.00 m	Vertical impact tamper /Vibration and secondary compactor	Electrical

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