SD2500CS

Highway Paver



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Technical Data

Push Roller System

Standard	Fixed, pivotable
Option	Hydraulic damping and stepless adjustable (20cm) with automatic function

Material Hopper

Hopper width, internal	3290 mm
Dumping height (center/outside)	555 mm /560 mm

Conveyor

Conveyor type	Dual conveyor, reversible
Conveyor control	Proportional with paddle sensors
Conveyor width	2 x 655 mm

Engine

Manufacturer /Model	Cummins QSB 6.7-C190
Emissions according to	Stage IIIA (Tier 3)
Rated power, SAE J1995	142 kW @ 2200 rpm
Electrical system	24 V
Fuel tank capacity	337 l

Engine

Manufacturer /Model	Cummins QSB6.7-C200
Emissions according to	Stage V /US EPA T4f
Rated power, SAE J1995	149 kW @ 2200 rpm
Electrical system	24 V
DEF tank capacity	37 l
Fuel tank capacity	362 l

Engine

Manufacturer /Model	Cummins QSB 6.7-C200
Emissions according to	China Stage IV
Rated power	149 kW @ 2200 rpm
Electrical system	24 V
DEF tank capacity	37 l
Fuel tank capacity	362 l
Average fuel conumption	10.5 l/h
After treatment	DOC + DPF + SCR

Engine

Manufacturer /Model	Cummins QSB 6.7-C200
Emissions according to	Bharat Stage IV
Rated power	149 kW @ 2200 rpm
Electrical system	24 V

Drive

Undercarriage type	Crawler
Drive Type	Independent hydraustatic driven crawler systems
Crawler length	2900 mm
Maximum paving speed	28 m/min
Maximum transport speed	4 km/h

Auger

Auger diameter	380 mm
Auger control	Independent proportional with sonic sensors

Generator (for electric screeds)

Type	Synchron
Nominal power	33 kVA

Working Width

Minimum working width	2.05 m
Basic working width (retracted)	2.55 m (V5100) /3.00 m (V6000 & R300)
Basic working width (extended)	5.10 m (V5100) /6.00 m (V6000)
Maximum working width	10.00 m

Dimensions

Basic width	2.55 m
Working width, minimum (with reducing shoe)	2.05 m
Working width, max.	10 m
Front ramp angle	15°

Masses

Weight	19.0 t

Capacity

Placement thickness (max)	310 mm
Theoretical placement capacity	800 t/h

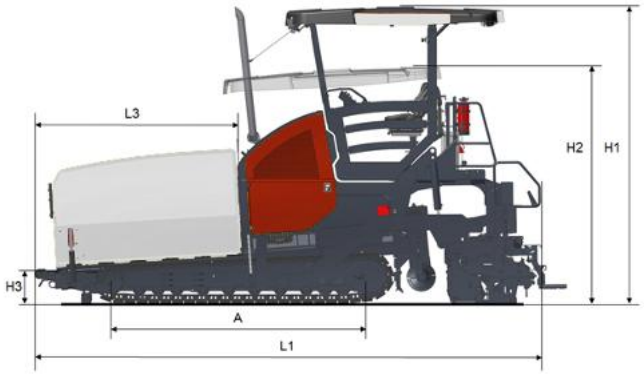
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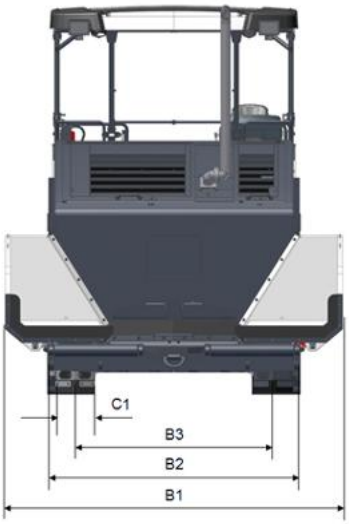
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Dimensions





A. Axle track	2.90 m
B1. Width, max.	3.40 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	0.49 m
L1. Length	6.15 m
L3. Length, hopper	2.12 m

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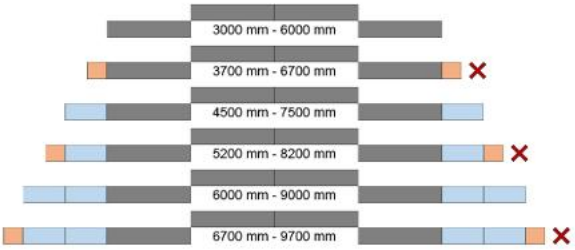
Screeds



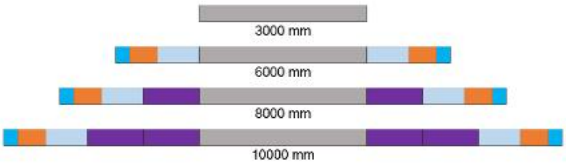
V5100 TV / TV E / TH E



V6000 TV / TV E / TH E



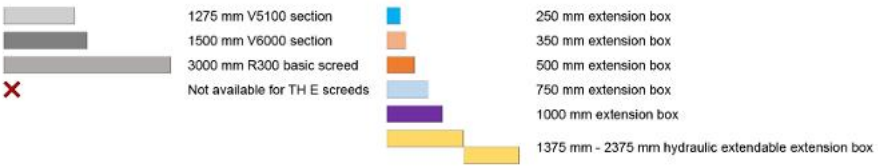
R300 TV / TV E



R300 TV HEE / TV E HEE



Legend



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