



- Theoretical paving capacity up to 750 t/h
- 129 kW 6-cylinder Cummins engine (Stage V)
- Maximum Paving width of 9.0m
- Compatible with V-Series Tamper-Vibration
- 380mm auger diameter (center drive)
- MOBA integrated leveling

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TECHNICAL DATA



MASSES

Weight (incl. standard screed)	18.00 t
Weight (lowest equipment level)	20.5 t (acc. EN500-1 3.2.1)
Weight (highest equipment level)	23.5 t (acc. EN500-1 3.2.2)

DIMENSIONS

Basic Tractor Width	2.55 m
Transport Length	6.10 m
Front Ramp Angle	17°

WORKING WIDTH

Minimum Working Width	2.05 m
Maximum Working Width	9.00 m
Basic Working Width (retracted)	2.55m (V5100) 3.00m (V6000)
Basic Working Width (extended)	5.10 m (V5100) 6.00m (V6000)

CAPACITY

Maximum paving thickness	300 mm
Theoretical paving capacity	750 t/h

HOPPER

Hopper Volume	6 m ³ / 12 t
Dumping Height	574 mm
Internal Hopper Width	3290 mm

CONVEYOR

Conveyor Type	Dual conveyor, reversible
Conveyor Control	Proportional with paddle sensors
Conveyor Width	2 x 580 mm

PUSH ROLLER SYSTEM

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

ENGINE

Manufacturer / Model (Stage V)	Cummins QSB 6.7-C173
Manufacturer / Model (Tier 3)	Cummins QSB 6.7-C173
Emissions according to	StageV / US EPA T4f / Tier 3
Rated Power (Stage V)	129 kW @ 2200 rpm
Rated Power (Tier 3)	129 kW @ 2200 rpm
Peak Power	145 kW
Electrical System	24 V
DEF tank capacity (Stage V)	37 l
Fuel tank capacity (Stage V)	268 l
Fuel tank capacity (Tier 3)	306 l
Average fuel consumption	9.45 l/h
After treatment (Stage V)	DOC + DPF + SCR

DRIVE

Undercarriage Type	Wheel
Tyre size	445/80R25
Front wheels	4 x 560/300-390
Maximum Paving Speed	30 m/min
Maximum Transport Speed	20 km/h
Turning radius (inside/outside)	2.48 m / 6.07m

AUGER

Auger Type	Center drive, reversible
Auger Diameter	380 mm
Auger Control	Independent proportional with sonic sensors
Adjustable height	250 mm
Auger wing type	Separately replaceable

GENERATOR (FOR ELECTRIC SCREEDS)

Type	Synchron
Nominal Power	35 kVA
Peak Power	45 kVA

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OPTIONS

Safe Impact Truck Docking System	●
Comfort Seats	●
Central Lubrication System	●
Emulsion Spray Equipment with Hose Reel	●
Hydraulic Crowning	●
Dynalink Advanced incl. 5 Year Subscription	●
Integrated Moba Leveling – 2 Sonic Sensors, 1 Slope Sensor	●
Auger System, 380mm Diameter with extension up to 5,06m	●
LED Lights – Auger Compartment	●
LED Lights – Engine Compartment	●
LightAssist Lighting System incl. Home Coming	●
TruckAssist	●
Hydraulic controlled side shields	●
Pave Manager Advanced 2.0 Software Package incl. Vario Speed	●
Camera System	●
Open Interface for 3 rd Party Job Site Documentation Systems	●

Standard	●
Option	●

HIGHLIGHTS



1 OPEN INTERFACE

EASY CONNECTIONS

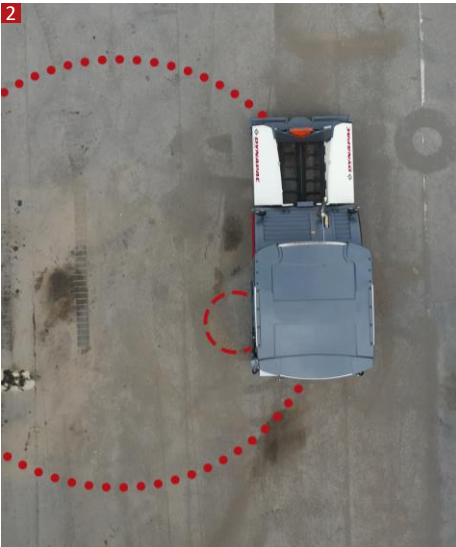
Seamless Connectivity with Dynapac Open Interface 1

One socket connects all your equipment with Dynapac Open Interface. An open protocol on the CAN-Interface ensures compatibility with 3rd-party equipment. Real-time data sharing with partners like TF MatScanner, Topcon thermal mapper, and Völkel pave, with more partners to follow. Add an extra CAN-Interface to your paver, delivering live machine data for 3rd-party use. Open protocol for anyone interested in designing their own connectivity hardware.

BEST MANEUVERABILITY

Machine operation in tightest spaces 2

Increase your wheeled paver's maneuverability with Vector Mode. By making the inner rear wheel slow down while driving curves to force the paver turning on spot and create a tracked paver like driving experience on a wheeled machine. The transition from normal steering to vector steering is fluent and not noticeable. The more you steer the more the machine turns as usual but at a certain point the vector mode steps in to reduce the turning circle. The result is a highly increased maneuverability and a drastically reduced turning radius to less than 1m.



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ASSISTANT SYSTEMS

All info at one glance **3**

Ensure to never lose focus on what matters for your job with the PaveManager operating system. Control all the machine settings with ease and get access to all integrated sensor systems.

Get on the right level **4**

The integrated Mobamatic 2 Leveling Systems allows you to connect a wide range of leveling sensors right to the machine to ensure smooth surfaces at the always right thickness all the time.

Safe time and increase the performance **5**

Reduce your maintenance efforts with the integrated central lubrication system, which takes care about all daily grease points like tamper, vibration, auger and conveyor.

MAXIMUM TRACTION

Premium drive concept **6**

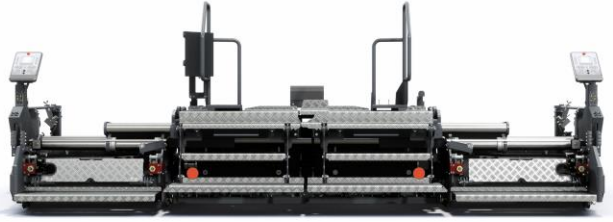
Trickiest undergrounds and large working width are no longer an issue for wheeled paver by choosing the AddTraxxion Plus option as the premium drive concept solution from Dynapac. The plus version ensures individual control for all of the four front wheels to permanently monitor the traction status. This leads to a higher pulling force since the available power from the drive train hydraulics are always transferred in the most efficient way.

Independent control of each wheel **7**

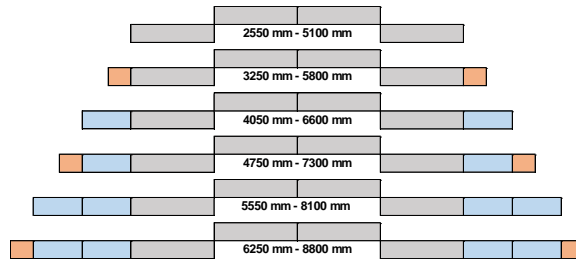
As in the AddTraxxion system, AddTraxxion Plus comes with an oil flow monitoring system for all four front wheels. The different here is, that it is possible to control each wheel independently. An intelligent controller makes sure to transfer the power available to the wheel with maximum traction. As soon as one wheel loses contact the system transfers the energy available to the three wheels left to have always the maximum pulling force available to get the job done.



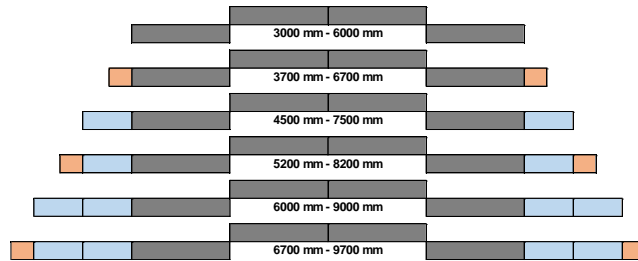
SCREEDS







V5100 TV / TV E



V6000 TV / TV E



LEGEND

	1275 mm V5100 section
	1500 mm V6000 section
	350 mm extension box
	750 mm extension box

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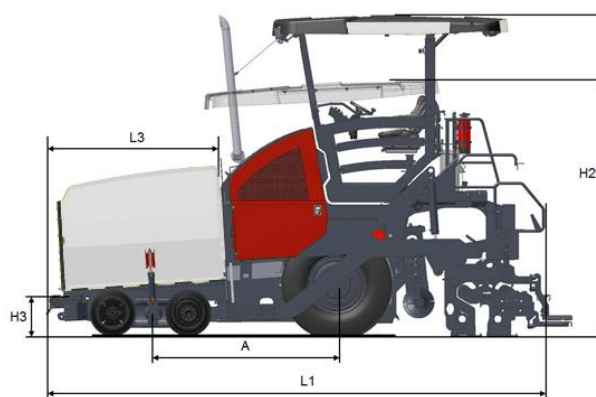
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SD2500WS

HIGHWAY CLASS



DIMENSIONS



A	Wheelbase	2.24 m
B1	Max Width	3.25 m
B2	Standard Width	2.55 m
B3	Wheel Track Width	2.05 m
C1	Wheel Width	0.30 m
H1	Max Height	3.90 m
H2	Transport Height	3.10 m
H3	Push Roller Height	0.49 m
L1	Length	6.10 m
L3	Hopper Length	2.12 m



Your Partner on the Road Ahead.

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