

DYNAPAC LARGE TRACKED PAVER RANGE

Dynapac SD2530CS / SD2550CS



THE DYNAPAC SD PAVERS combine decades of experience and new innovations. During development we focused on paving processes and paving quality as well as building in higher reliability. The Dynapac SD-Range features the widest variety of choices: Gas or electric heating system, smaller jobs to the largest jobsites, 2 different power classes and all offering a sustainable drive concept with eco mode.

EXCELLENT PAVING

Intergated working lights

Dynapac offers 2 front/2 rear working lights & auger lights for better night work.

Low noise

Reduced noise level through a new drive concept and noise insulation.

Strong Auger

Slim auger drive with adjustable height up to 250 mm. Dynapac offers auger diameters from 380-500 mm.

Dynapac Screed

Best in business with integrated leveling functions for excellent quality. The Flexilever offers fast and convenient change of screed angle for different layer thickness.

Quality

To achieve the best paving quality you need to rely on a high-performance screed, smooth material flow and an efficient, powerful drive. The paving quality is measured in compaction, evenness and profile - the Dynapac paver range will offer you the quality to achieve your paving goals!

Intelligence

Our intelligent control system provides you with excellent monitoring of the complete paving process, to ensure an optimized workflow.

	<i>SD2530 CS</i>	<i>SD2550 CS</i>
Eng. power at 2,200 min ⁻¹	142 kW	194 kW
Theor. paving capacity	800 t/h	1100 t/h
Max. working width	10.00 m	12.50 m

QUALITY

Ergonomics

Excellent view to the hopper and all working areas due to the great visibility

Control

Intellegent control of the paving process for better quality.

Material transfer

Unmatched capacity for reduced segregation & improved paving quality.

Safe Impact System

Hydraulic push rollers for reduced impact from trucks.

Alpha Tracks

More ground contact for better traction & improved life.

SMOOTH MATERIAL FLOW



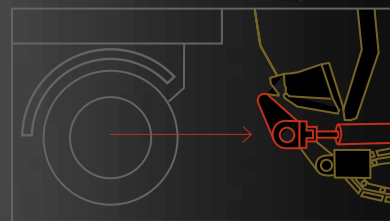
TRACTION

Our Alpha-Track™ system is longer and wider to give you a smooth driving behavior and a perfect grip. The rubber track pads are 320mm wide which creates great ground contact. A high number of rollers inside the tracks improves the maneuverability on curves. The tracks are also very low to give an optimal dumping height. These track pads are especially designed for paving application and have higher rubber thickness for longer life and lower cost.

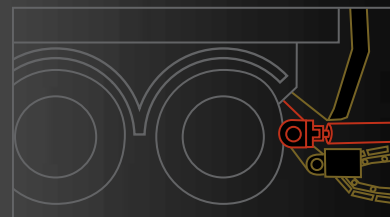
SAFE IMPACT SYSTEM™

The Dynapac SD tracked pavers offer the safe impact system™ – a hydraulic anti-shock push roller that avoids the typical marks on the surface due to truck docking. The system also extends the docking length and gives you flexibility when working with different truck models.

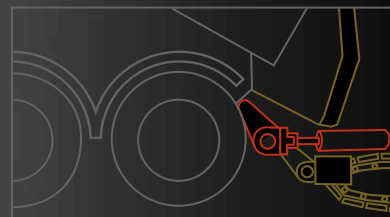
SMOOTH



Truck approaches



Shock is absorbed



Truck pushed back to position



Material flow

Dynapac has designed the optimal hopper that features chamfered hopper edges to avoid cold asphalt in the corners. A very low dumping height makes collision with trucks almost impossible.

The generous hopper with the widest conveyor tunnel on the market. The tunnel is shaped to create the best flow and not to create any segregation of the material. The twin conveyor system, with reversible

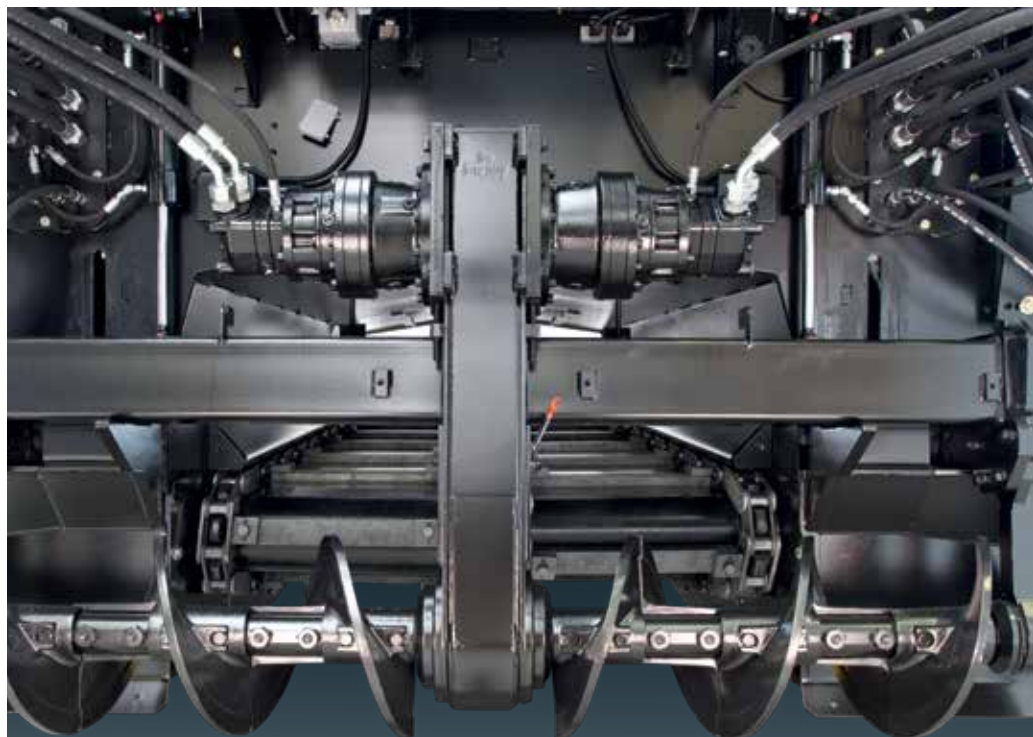
drive, offers smooth material flow without segregation. The auger compartment is fully visible from the operator's position. The auger and auger tunnel are easily extended to fit wider working widths.

WORK FLOW

POWERFUL AUGER SYSTEM

The Dynapac auger drive system is an improved centrally driven system with a slim gearbox and small outer bearings that allow homogeneity of mixture, despite the high material throughput of up to 1100 tons per hour.

The left and right auger drives have independent and reversible controls. This strong auger system has a torque to handle auger diameters from 380 mm up to 500 mm. In order to achieve optimized material flow for different paving thicknesses you can adjust the auger height hydraulically up to 250mm – while paving!





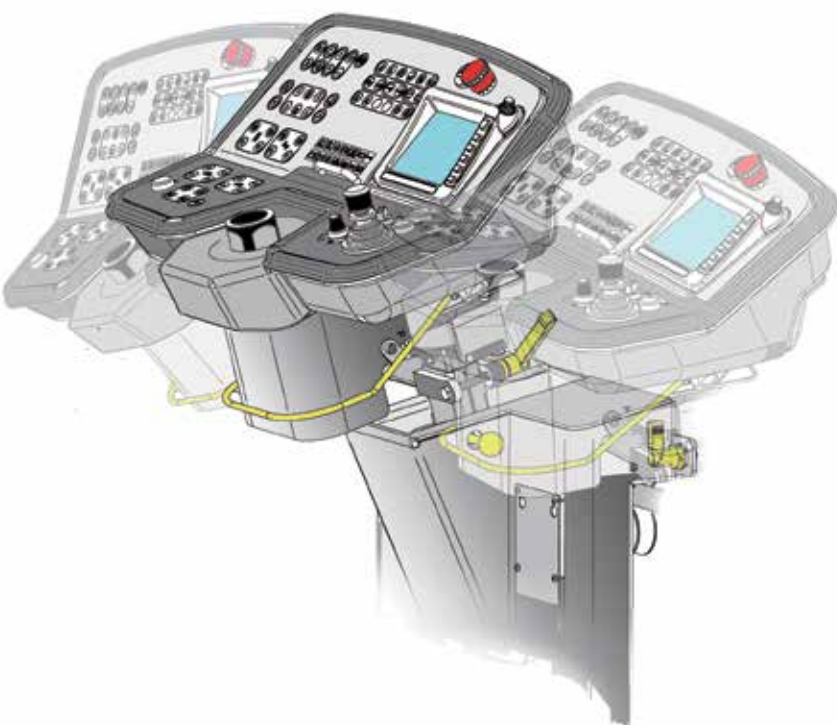
EXCELLENT VISIBILITY

Dynapac has developed a slidable platform for the Dynapac SD paver to suit all needs from the operator's perspective. The platform slides out up to 50 cm on both sides just by pressing a button on the dashboard. The operator must have a full overview of the complete working situation at all times. This means a view into the hopper, conveyor, auger compartment as well as eye contact with screed operators and truck drivers.

ERGONOMIC WORK PLACE

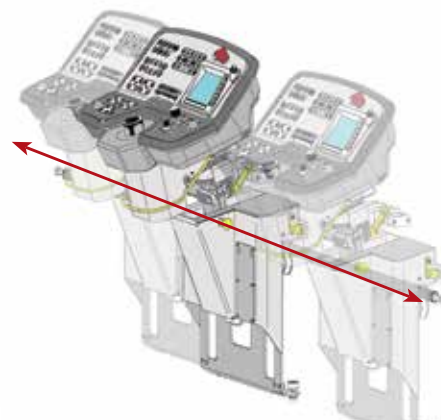
In addition to effective compaction the Dynapac screed offers great accessibility. The low height gives you a superior view into the auger compartment and constant control over material flow. This low profile screed provides a central, safe and ergonomic workplace.

MEETING YOUR NEEDS



OPERATOR'S COMFORT

The operator's comfort is our priority. We focus on providing an ergonomic high end work place. The platform offers generous head room and a flat floor. The ergonomic seats, can be adjusted to any position you need. Placing the dashboard has become even easier due to the versatile dashboard console.





MAINTENANCE WITHOUT OBSTACLES

We have cleared the way to provide you with an easy overview of maintenance. Hydraulic pumps, fuel caps, chain clamping device – each component is directly accessible and easy to find. A simple visual inspection of filters and engine parts allows you to quickly get started. It is a convenient combination you'll profit from every day.

RAPID ACCESS THROUGHOUT

The goal is to save you time and money through easy access. Therefore we've made the service points central and attainable. The fuse box is easy to access from the cabin platform allowing rapid replacement. The sheer number of plug-and-play components also speeds up the maintenance process.

HIGH PERFORMANCE SCREEDS



4-TUBE PRINCIPLE

Dynapac screeds are the most appreciated screed on the market, worldwide!

The screed is extremely stable due to our well-proven four-guiding tube principle which offers unmatched screed stability. Our screeds are easy to assemble while they don't need any supporting rods, even at large working widths. This allows you to fully focus on the paving process and save money on set-up times.





There's no need for supporting rods for the screed, which makes all Dynapac screeds free floating – a must for excellent paving result!

ELECTRIC OR GAS – YOUR CHOICE!

Our optimized electrical heating system features high quality insulation and a stronger generator that significantly reduces heat-up times. The generator is driven by a flexible shaft from the gear box that offers great reliability and reduced maintenance.

We are able to achieve even heat distribution thanks to our well-designed heating coils for bottom plates and tampers.

Those opting for our gas heating system gets a remarkably shorter heat-up time and amazing pavement quality from the first stretch of track! Dynapac supports sustainable gas heating systems to reduce energy consumption as well as CO₂ emissions.

ECENTRIC FLEXILEVER

Dynapac's unique Flexi Lever quickly and conveniently changes the angle of attack. This offers a visual control of screed settings to adopt various layer thicknesses during the paving process. Lever adjustment is made with a simple.



ERGONOMIC SIDE SHIELD CONTROL

The height and the angle of the side shield are adjustable with only one crank. The crank is placed on top of the side shield below the remote control, creating a comfortable, central workplace for the screed operator.



	VARIO SCREEDS <i>V6000TV</i>	RIGID SCREEDS <i>R300TV</i>
Basic width	3.00 m	3.00 m
Hydraulically extendable to	6.00 m	NA
Heating system	LPG/ Electric	LPG/ Electric

MAXIMUM WORKING WIDTH (WITH EXTENSION PARTS)

SD2530CS	9.00 m	10.00 m
SD2550CS	9.70 m	12.50 m



Intelligent Dashboard

Our new drive concept gives you the choice of Eco-Mode drive. The dash board has a 6.5 inches color display that has intuitive menus. The control system provides the operator Ergonomically optimized Everything has its place. The dashboard is optimally arranged according to function- groups and opera-

tional frequency.

It's intuitive with the right bottom in the right place and therefore saving time and preventing errors. The casing is, of course, absolutely flawless – shock and water don't stand a chance. And it looks great!



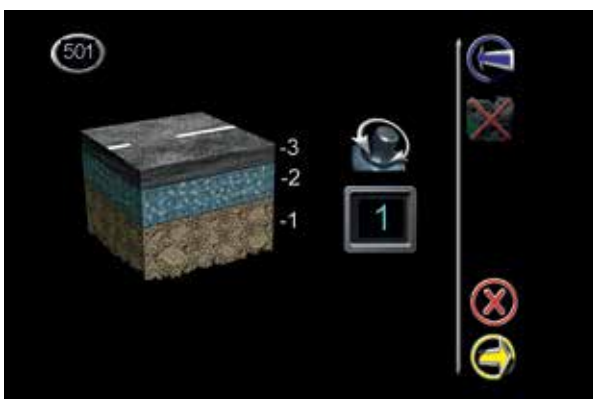
Engine parameters

Through Dynapac's smart and intuitive control system you have a perfect overview at all times. The basic frame of the display gives you all the parameters necessary for regular work procedure at a glance.



EcoMode settings

Dynapac EcoMode function is stepless. You can set the engine to the rpm required for the particular obsite. By choosing EcoMode function while operating, the dash board will give you the exact view of used rpm and the pre chosen rpm value level.



Pave settings

This function has stored default values for the different paving situations base course, binding course and top layer. This function helps the operator and speeds up the setting process. According to the nature of the paving situation the operator still has room to raise or lower the speed of tamper, vibration and the conveyor system, if needed.

TECHNICAL DATA DYNAPAC LARGE TRACKED PAVERS

	<i>SD2530CS</i>	<i>SD2550CS</i>
Weight, t	19.2	19.2
Basic width, m	2.55	2.55
Working width, max	10	12.5
Placement thickness (max)	-150 to +320	-150 to +350
Capacity, t/h	800	1100
Dumping height center (w. hopper flap), mm	525 (530)	525 (530)
Hopper width, internal, mm	3610	3610
Paving speed, m/min	1 - 20"	1 - 28"
Transport speed, km/h	0 - 3"	0 - 4"
Platform	Slidable platform	Slidable platform
Engine model	Cummins QSB6.7-C190	Cummins QSB6.7-C260
Rated power kW @ 2200 rpm	142	194
Emissions	according to Stage IIIA (T3)	according to Stage IIIA (T3)
Electrical system, V	24	24
Fuel tank capacity, l	350	350
Crawler length, mm	3360	3360
Crawler width, mm	320	320
Auger diameter, mm	380	500

Your Partner on the Road Ahead