

Large Tracked Paver Range

SD2500C/SD2500CS/SD2550C/SD2550CS

DYNAPAC

Part of the Atlas Copco Group



POLE POSITION PAVES **FACTS**



FACTS

Wide Variety



New SD-pavers combine decades of experience in Dynapac, with new innovations that will put you in pole position. The development of this new series have focused on improving paving performance and quality as well as building in higher reliability. The introduction of the SD range is setting new standards and we are proud to present the number one paver in the market.

The Powerful paver...

The SD-range now features two powerful CS-versions that offers more power and improved hydraulic systems for the biggest jobsites. This allows us to offer

the maximum paving width of 14m. The power of the new installed drive concept allows us to substantially lower your costs of paving. Our range with four dif-

ferent power classes makes it possible for you to choose the best paver to do the job.





Safe Impact System™



Integrated levelling system



Slidable platform



VarioSpeed



Serviceability



50

...with the extra capacity

The new range features two models with extended hopper and crawler tracks for a bigger material capacity and stability when paving larger working widths. These units extended by 50 cm are designated as SD2550 C/CS, based on the same modular system as SD2500 C/CS, using common parts and training concept.



	CS 50	CS 50	CS 50	CS 50
	SD2500 C	SD2500 CS	SD2550 C	SD2550 CS
Eng. power at 2,200 min ⁻¹	129 kW	142 kW *	170 kW	194 kW
Theor. paving capacity	650 t/h	800 t/h	900 t/h	1100 t/h
Max. working width	9.00 m	10.00 m	12.00 m	14.00 m

* Tier 4 version: 149 kW



Alpha-Track™

Our new Alpha-Track™ system is longer and wider. It has 320 mm wide rubber pads which gives great ground contact. The tracks are also very low and give an optimal dumping height. The high number of rollers inside the tracks improve maneuverability in curves. Get the grip! These track pads are especially designed for paving application and have a higher rubber thickness for longer life and lower costs.

Safe Impact System™

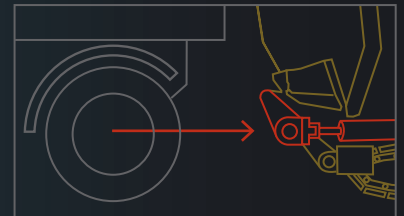
Take it easy with a smooth refilling. The Dynpac paver is fitted with the optional Safe Impact System – a hydraulic

anti-shock push roller that avoids the typical marks on the surface due to truck change. The system also ex-

tends the docking length and gives you flexibility when working with different truck models.



FACTS
Smooth Contact



Lorry approaches



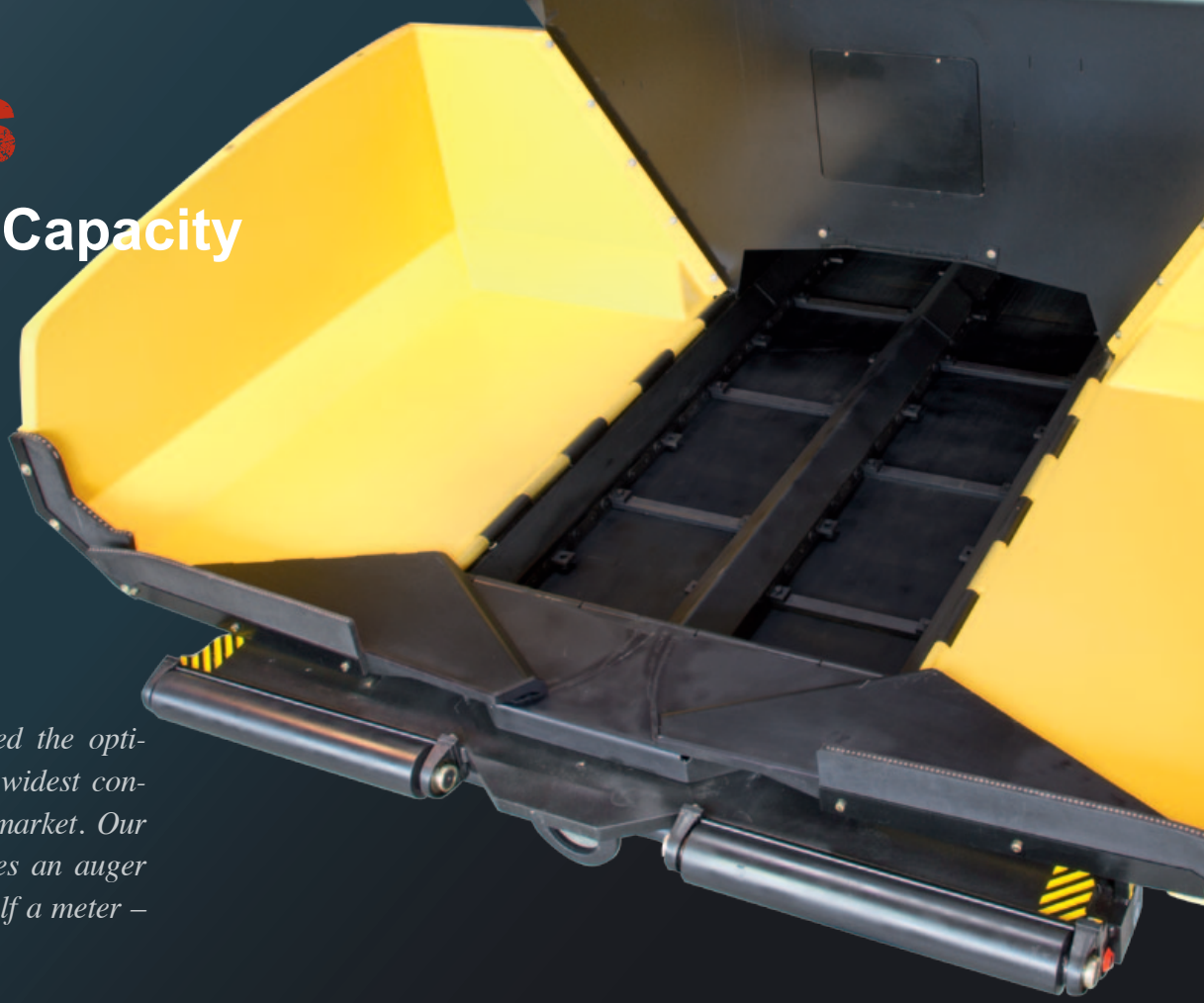
Push roller is pushed back



Lorry pushed back to position

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Optimum Capacity



Dynapac has designed the optimal hopper with the widest conveyor tunnel on the market. Our flagship paver features an auger with a diameter of half a meter – the largest ever!

Lower loading height

How can material transfer in the hopper be made less stressful and even safer for everyone? We have lowered the dumping height – making collisions with trucks almost impossible.

The new hopper is wider and features chamfered hopper edges to avoid cold asphalt in the corners.

Material flow

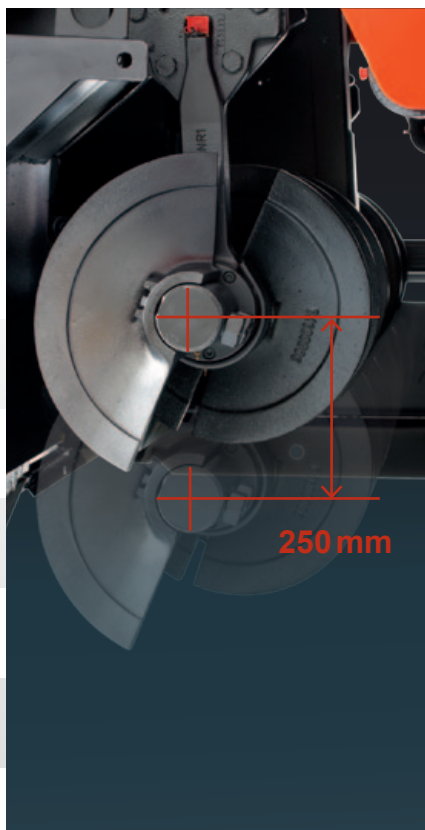
The twin conveyor system, 2x665 mm wide, offers smooth material flow and is available with reversible drive. We have the standard conveyer as well as high capacity conveyors with double the number of conveyor bars for improved material flow.

Hydraulic Front Flap

The new optional hydraulic front flap reduces material spillage on the push rollers and on the road. It also helps to completely emptying the hopper and reduces the amount of hand work with the shovel.



FACTS Perfect Auger Drive



The new auger drive is an improved central driven auger system. It features a slim gearbox (15 cm wide) and small outer bearings that allows homogeneity of mixture, despite the high material throughput of up to 1100 tons per hour!

Powerful transfer

The left and right auger drives have independent and reversible controls. The strong auger system has an improved torque to handle auger diameters from 380 up to 500 mm. In order to achieve optimized material flow for different paving thicknesses we can adjust the auger height. Manually up to 250 mm, hydraulically up to 300 mm – while paving!

Two Screed Systems

VARIO

RIGID

	V5100TV	V5100TVE	V6000TV	V6000TVE	R300TV	R300TVE
Basic width	2.55 m	2.55 m	3.00 m	3.00 m	3.00 m	3.00 m
Heating system	LPG	Electric	LPG	Electric	LPG	Electric
Extendable to	5.10 m	5.10 m	6.00 m	6.00 m	–	–
Maximum working width (with extension parts)						
SD2500C	8.80 m	8.10 m	9.00 m	8.20 m	–	–
SD2500CS	8.80 m	8.80 m	9.70 m	9.70 m	10.00 m	10.00 m
SD2550C	8.80 m	8.80 m	9.70 m	9.70 m	12.00 m	12.00 m
SD2550CS	8.80 m	8.80 m	9.70 m	9.70 m	14.00 m	14.00 m

Electric or Gas – Your choice!

Our new optimized electrical heating system features improved insulations and a stronger generator that has significantly reduced heat-up time. 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 with new heating coils for bottom plates and tampers.

Whoever opts for our gas heating system gets a remarkably shorter heat-up time.

Amazing pavement quality from the first stretch of track!

Dynapac supports sustainable gas heating system to reduce energy consumption as well as CO₂ emission.

4-tube principle

Dynapac's screed is the most appreciated screed in the market, worldwide!

The screed is extremely stable. Our patented four guiding tube principle is responsible for the so far unmatched screed stability. We don't need any supporting rods for the screed, which makes all Dynapac screeds free floating – a must for excellent paving result!

Whichever you choose it's a great decision – Longer life time, longer service intervals and lower fuel consumption, leaving low operating costs for you. Amazing pavement quality from the first stretch of track!

FACTS

One Screed, many possibilities

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Central work place

In addition to effective compaction is its advantage of fantastic 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.



Eccentric flexi lever

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



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 an ergonomic and central workplace for the screed operator.





Intuitive operating

Easy to operate toggle switches for extracting and retracting the screed are main features of this handy, easy to use control. The color display shows all relevant paving values like tamper and vibration frequencies, crown profiling, grade thickness etc., making the work much easier for the whole team. Self-explanatory menus, symbols and pictures make handling intuitive.

Our new integrated high end remote controls are intelligent and directly connected to the dashboard over the CAN-BUS system. Many regulations and adjustments made at the remote control can be made also through the dashboard and vice versa. The remote recognizes all leveling equipment available from MOBA. It is self-configuring, meaning that you can use each one on either side – you will never go wrong!



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Integrated remote control





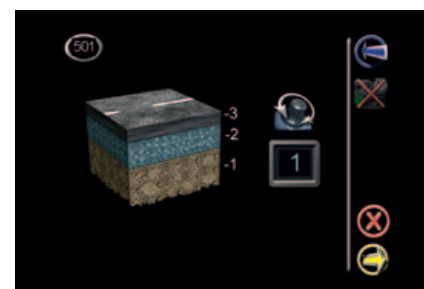
Engine parameters

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 jobsite. 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.

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Excellent Overview

Designed to provide an excellent overview. The platform can slide 50 cm outwards on either side, with just a touch of a button. The effect: the operator takes the best position for optimal view in the specific situation and maintaining control of all functions such as auger and screed. The operator's seat and control panel can be swiveled and adjusted to fit the driver perfectly. Further advantages are a flat floor and generous headroom. The platform can be supplied with a standard or long hard top canopy with an option to fit a cap for protection against all weather conditions.



Intelligent Dashboard

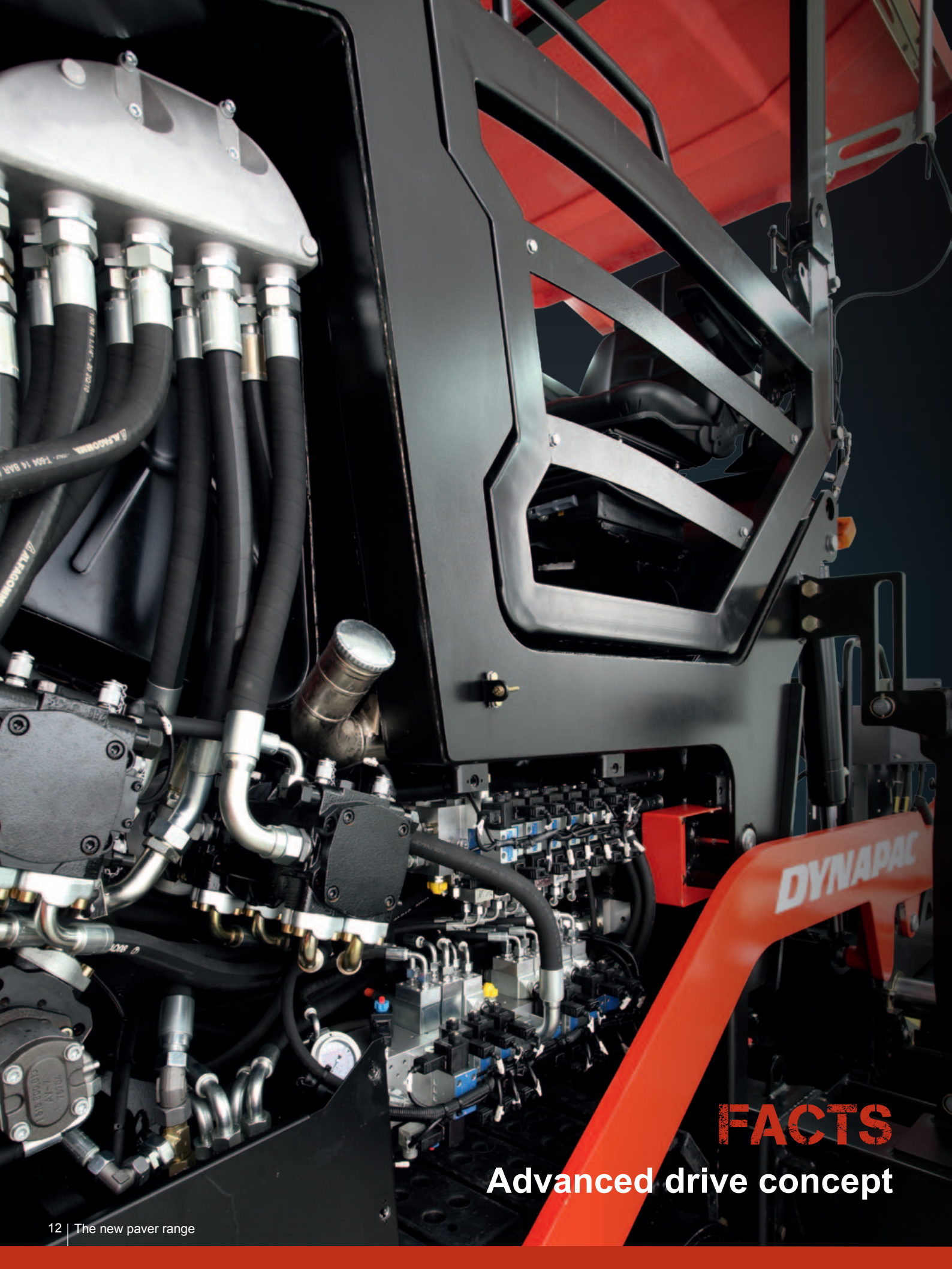
Our new drive concept gives you the choice of EcoMode drive and Vario-Speed – drive. In case you have not ordered the VarioSpeed to begin with we can retrofit this option through our service centers.

The dash board has a 6.5 inches color display that has intuitive menus. The control system provides the operator

with all the needed data like engine speed and temperature, engine data, working hours, fuel consumption, distance measurements device, application information as well as paver and screed settings.

Ergonomically optimized

Everything has its place. The dashboard is optimally arranged according to function-groups and operational 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!



FACTS

Advanced drive concept

Energy-saving engine

The water cooled Cummins QSB 6.7 diesel engine comes with a new hydraulic EcoMode drive that will allow operator step-less adjustment of engine rpm as per the paving load – making your machine an energy saver. The patented VarioSpeed drive that can be offered on our SD-pavers, has automated load sensing function, which adapts the rpm automatically to the currently required power while paving. This function can reduce your energy with up to 15% while enhancing the lifetime of your engine.



EcoMode

Dynapac EcoMode is unique through its step-less operation. According to the jobsite you can adjust the engine rpm to the particular situation. Instead of having a fixed level of rpm, in the eco-function you individually set the level for the particular working situation. This function gives you lower fuel consumption, less noise and a longer life of your engine.



VarioSpeed

Optimal rpm at all times! VarioSpeed is a new optional Dynapac patented drive concept that recognizes the required rpm for the specific working situation. A computer senses and controls the needed rpm, infinitely! This is an option that will save you money. It can save up to 15% of energy costs, the fuel consumption is going down and the lift of your engine is going up! The SD Pavers can be upgraded to VarioSpeed at any time.

FACTS

Perfect Access



Rapid access everywhere

The goal is to save you time and money through easy access. Therefore we 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 speed up the maintenance process.

Maintenance without obstacles

We have cleared the way to provide you easy maintenance overview! 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. A convenient package you profit from every day.

Parts, on time

Our modular designs has a large number of common spare and wear parts that significantly reduce the complexity and investment in stocks. We also have 500 and 1000 hour maintenance kits for regular maintenance and wear part kits that are common across many models.



All in one box kits

All in one box, tailored to match your Dynapac equipment. The parts you need, when you need them!

All in one box contains all the parts required as part of the equipment's scheduled maintenance program.

When installed by a Dynapac certified technician, you keep your downtime to a minimum and your equipment in top condition its entire life.

Easy to obtain & attractively priced, the most effective solution to keep your maintenance budget low.

Find a suitable kit:

www.dynapac.com/kitselector



Servicing your machines regularly is very important to ensure reliable operation and a long service-life. With pro-active service and preventive maintenance you minimise the risk of high production costs and break-downs. You can select a service contract that meets your requirement of professional service in order to get the outmost of your machine investment.

What's included?

Maintenance contract

- Preventive maintenance
- Fluids
- Machine inspection

Care

- Preventive maintenance
- Fluids
- Machine inspection/ Inspection protocols
- Extended Warranty (also available as a separate product)

Dynapac fluids

- The right fluid optimizes machine performance
- Simplified selection process, less time spent on finding the right oil
- Delivery in a handy container, no need for transfer from an oil drum
- All in one delivery, less time spent on waiting and dealing with different suppliers
- One invoice, less administration

Find a suitable fluid:

www.dynapac.com/fluidselector

Benefits

- Reduced costs
- Cost known upfront
- Extended warranty (Care)
- Professional and regular machine inspections
- Planned maintenance
- Increased resale value

Please contact your sales repr. for more information.



FACTS

Parts and Service

Dynapac Sustainable Way



Sustainability is more than just a concept at Dynapac. It is a core value that is reflected in our corporate conduct, our manufacturing processes and the quality control that goes into every piece of Dynapac equipment. Our commitment to lasting results runs throughout the life cycle of our equipment – from product development, sourcing and manufacturing processes, to the use of equipment and service and support offerings. Most importantly, it is a promise to our customers and the communities in which we all live and work to continually develop innovative products and solutions that contribute to a strong infrastructure and a more sustainable environment.

At Dynapac, the sustainable future begins today!

► Take responsibility

We shall be a responsible company in terms of social, environmental, ethical and financial aspects. As a part of the Atlas Copco Group, we share the Group's objective to do all we can to ensure reliable, lasting results with responsible use of resources; human, natural, and capital.

► Focus on Quality

We strive to do things right from the beginning and prioritize right, putting our resources at work where they can create the biggest benefits and return on investment.

► Create lasting results

Through our equipment, expertise and support, we contribute to create lasting results that pay off for our customers and other stakeholders.



DYNAPAC

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