

DYNAPAC LARGE PAVERS

Dynapac F2500CS / F2530CS / F2550CS



THE F2500CS/F2530CS/F2550CS LARGE PAVER RANGE 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 F-Range features the widest variety of choices: Gas or electric heating system, smaller jobs to the largest jobsites, 3 different power classes and all offering a sustainable drive concept with ECO mode.

EXCELLENT PAVING QUALITY

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.

	F2500CS	F2530CS	F2550CS
Engine Power at 2,200 min ⁻¹ / T3	129 kw	142 kw	164 kw
Engine Power at 2,200 min ⁻¹ / Bhavat IV	129 kw	N/A	N/A
Engine Power at 2,200 min ⁻¹ / China IV	N/A	UK Cummins - 149 kw DCEC Cummins - 142 kw	UK Cummins - 168 kw DCEC Cummins - 177 kw
Theor. paving capacity	750 t/h	800 t/h	800 t/h
Max. working width	9 m	10 m	11.5 m



VAPAC



SMOOTH WORK FLOW

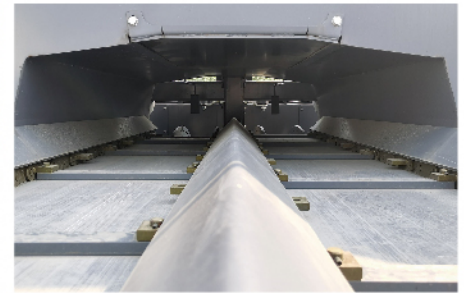


MATERIAL FLOW

Dynapac has optimised the Hopper for outstanding material transfer. It has a very low dumping height for fast and easy material transfer from lorries.



Separately controlled hopper wings with generous solid rubber flaps ensure quick and easy handling of material. Chamfered hopper corners prevent cold material being left in the hopper.

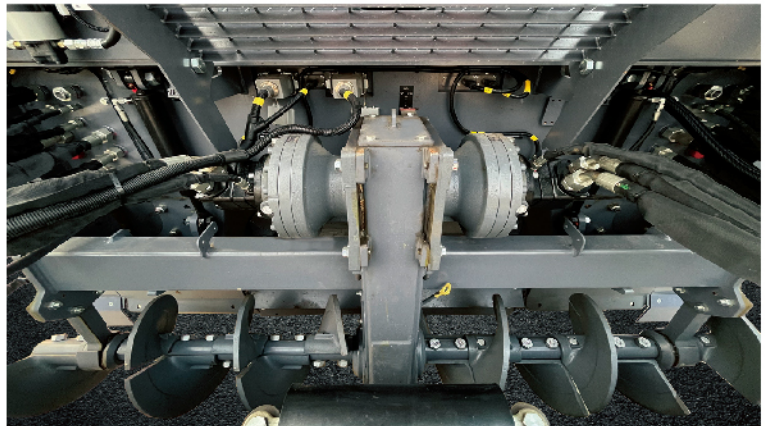


SMART MATERIAL CONTROL

The conveyor tunnel has been redesigned for an optimal flow and minimal segregation. A twin conveyor system offers smooth transfer. Double scraper system with reversible control can provide smooth material conveying.

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, and not to create any segregation of the material. The left and right auger drives have independent and reversible controls. Hydraulic auger adjustment is available.





POWERFUL DRIVE

ALPHA-TRACK™

Our Alpha-Track™ system for our tracked pavers is longer and wider. It has 320 mm wide rubber pads which give great ground contact. The tracks are very low and give an optimal dumping height. The high number of rollers inside the tracks improve maneuverability in curves. The tracks with independent planetary gear drive enable 360° turns. The tracks are specially designed for paving applications and have a higher rubber thickness for longer life and lower costs.

POWERFUL HYDRAULICS

The tracks are driven by powerful hydraulic motors with planetary gears for high torque to meet all traction demands. The track motors also have an automatic flow control system to maintain straight drive.

TECHNICAL FEATURES AND BENEFITS DURING PAVING

1

ERGONOMIC DESIGN

Excellent view to the hopper and all working areas due to the higher seat position and newly designed platform. The 2 ergonomic seats and control console can be adjusted to any position you need.

2

HIGH CAPACITY HOPPER

Large hopper with separately controlled hopper wings and chamfered corners. The very low dumping height makes unloading trucks easy.

3

THERMOSTATIC CONTROL

The large thermostatically controlled cooler eliminates risk of overheating the hydraulic system.

4

PUSH ROLLERS

Oscillating push rollers for reduced impact from trucks.

5

ALPHA-TRACK™

Outstanding driving experience, due to a well balanced undercarriage. Dynapac wide Alpha tracks gives more ground contact and better traction with thick track pads specially designed for pavers.

6

INTEGRATED WORKING LIGHTS

Dynapac offers integrated front and rear LED lights as well as lights for auger compartment.

7

CONVENTIONAL CONTROL

The conventional electrics are self-explanatory and easy to learn and maintain.

8

STRONG AUGER

Our strong auger system has an improved torque to provide a perfect paving result at all working widths. It features slim central drive for less segregation. The auger height can be adjusted manually or up to 250 mm.

9

DYNAPAC SCREED

Most appreciated screed in market for excellent quality. The Flexilever offers fast and convenient change of screed angle for different layers and thicknesses.





6

7

3

1

5

8

9



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.

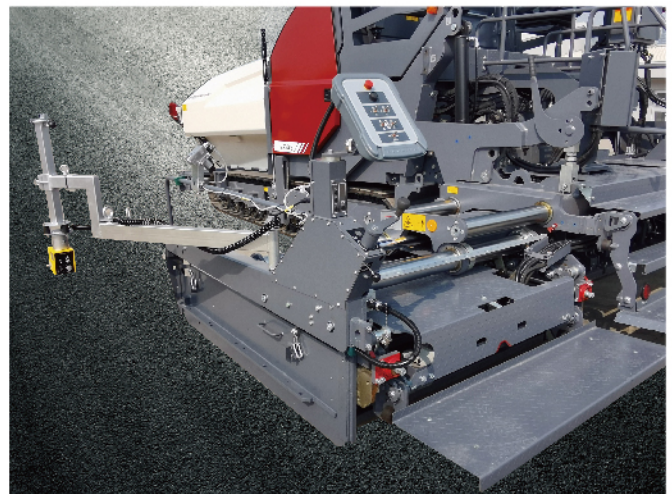
ECCENTRIC FLEXILEVER

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 work place for the screed operator.





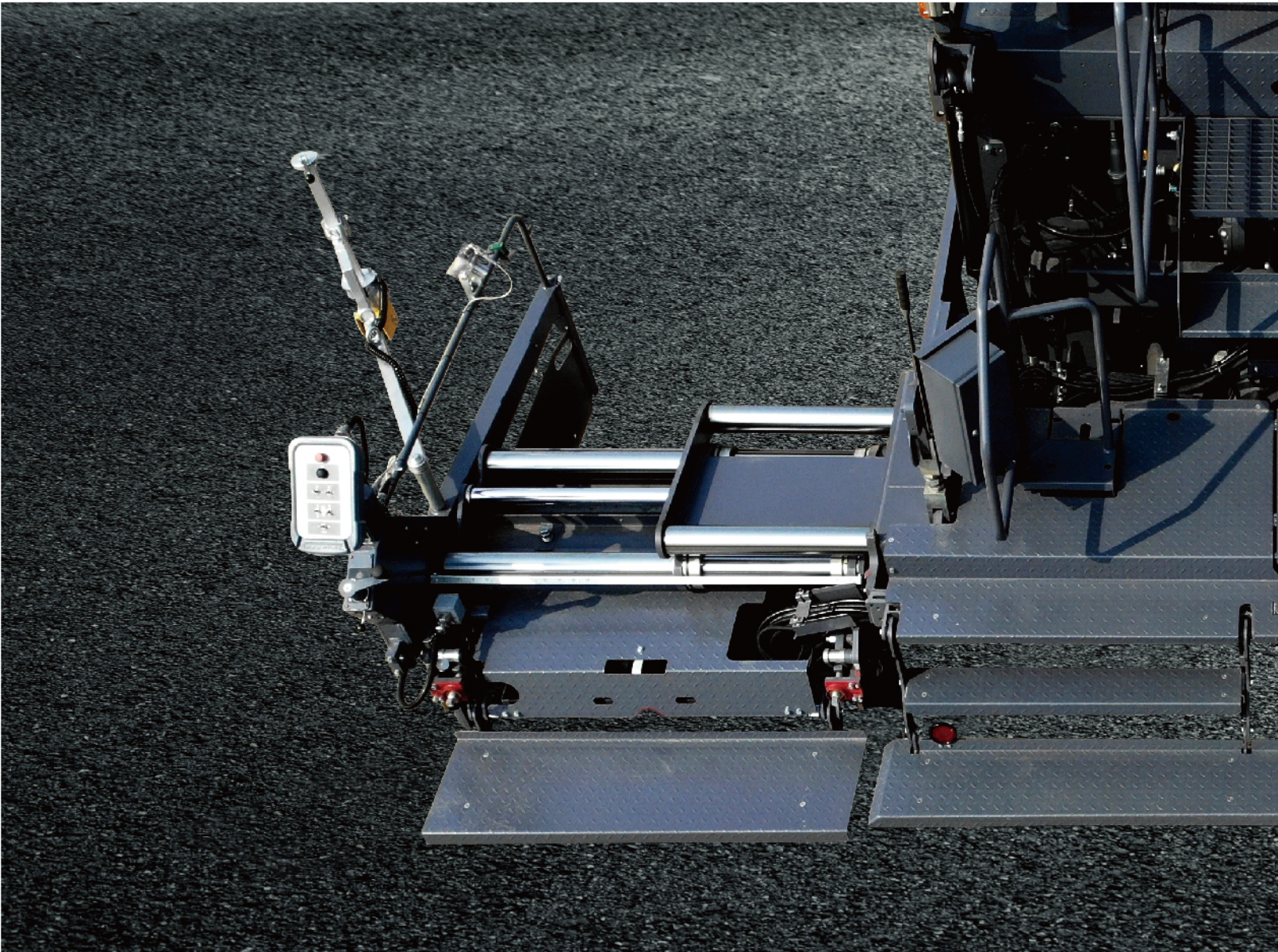
INTELLIGENT DASHBOARD

Our new drive concept gives you the choice of ECO- Mode drive. The control system provides the operator ergonomically optimized everything has its place. The dashboard is optimally arranged according to function groups and operational frequency.

It's intuitive with the right button 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!

ECOMODE SETTINGS

According to different field requirements, you could adjust the engine speed to a suitable mode. This mode could provide lower fuel consumption, lower noise and longer engine life.



4-TUBE PRINCIPLE

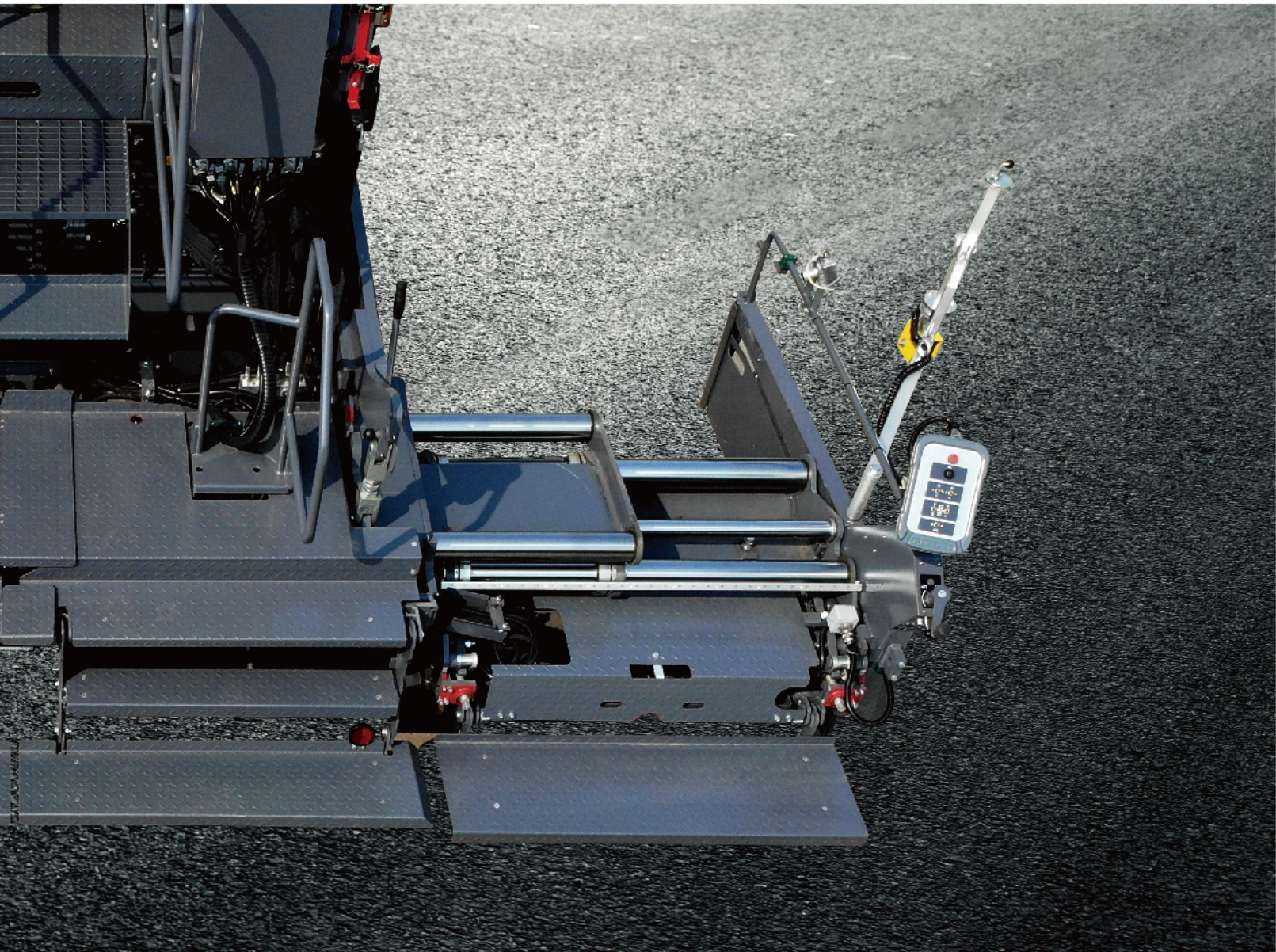
Dynapac screeds are the most appreciated screed on the market, worldwide!

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 work ing widths.

This allows you to fully focus on the paving process and save money on set-up times.

VARIO SCREEDS

	V5100TV/TVE	V6000TV/TVE
Basic width	2.55 m	3 m
Hydraulic extendable to	5.1 m	6 m
Heating system	LPG/Electric	LPG/Electric
Maximum working width (with extension parts)		
F2500CS	8.8 m	9 m
F2530CS	8.8 m	9.7 m
F2550CS	8.8 m	9.7 m



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.

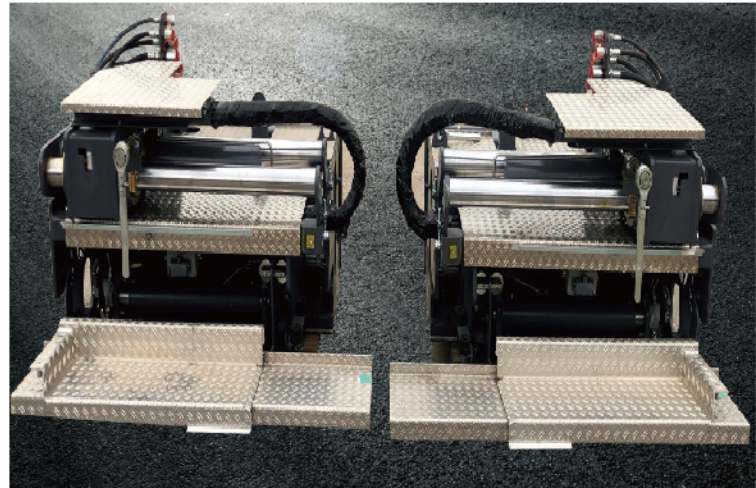
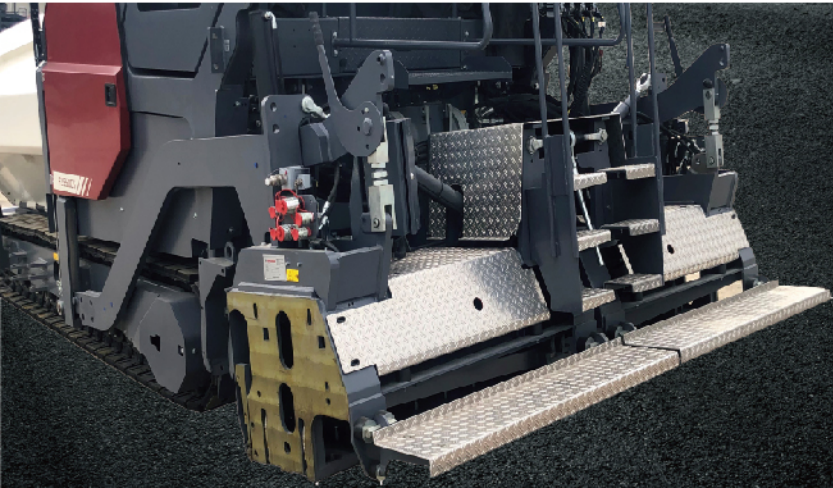
We are able to achieve even heat distribution thanks to our well-designed heating coils for bottom plates and tampers. Those options for our gas heating system gets a remarkably shorter heat-up time and amazing pavement quality from the first stretch of track! Dynapac supports sustainable gas heating systems to reduce energy consumption as well as CO₂ emissions.

ELECTRICAL HEATING :

Heat conveniently, even faster than gas heating, heat distributed equally bottom plate and tamper also equipped heating bar. Suitable for high altitude area and low temperature area as well as low maintenance cost.

DYNAPAC HYDRAULIC END EXTENSION

F2550CS can be equipped Hydraulic end extension (HEE) which can adjust width within 11.25m. It also can be equipped tamper and vibrator which their motors connect the motor of main vibration screed in series as well as keep mechanical synchrony.



DYNAPAC MECHANICAL SCREED

R300TVG/TVE/DTV 3 options offered, the basic width of all are 3m.

R300TVG: gas heating+ single tamper+ vibration

R300TVE: electrical heating+ single tamper+ vibration

R300DTV: gas heating + double tampers + vibration

RIGID SCREEDS

	R300 DT	R300TV/TVE
Basic width	3 m	3 m
Heating system	LPG	LPG/Electric
Maximum working width (with extension parts)		
F2500CS	N/A	N/A
F2530CS	10 m	10 m
F2550CS	10 m	11.5 m

ERGONOMIC WORKPLACE

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 with a large storage space. The F-paver features a new platform that is higher and improves the all around view from the operators seat. It has 2 adjustable comfort seats and a slidable operation console. The new roof features four integrated working lights to the front and to the rear.

UNMATCHED PAVING QUALITY

ADJUSTABLE RPM

The driver can set the engine rpm according to the particular jobsite situation. This results in reduced paving costs, lower noise levels and an increased lifetime of your diesel engine.

EFFICIENT & RELIABLE POWER

Dynapac F-pavers are powered by a Cummins QSB6.7 water cooled diesel engine, that drives an efficient hydraulic system with power transfer through a split gear box. The efficient engine with new cylinder block offers high torque as well as improved fuel efficiency. The increased fuel tank capacity and low fuel consumption result in long intervals between refills. An improved, larger thermostatically controlled cooler eliminates the risk of the hydraulic system overheating even on extremely hot days!





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 reachable. The fuse box is easy to access from the platform allowing easy replacement. The sheer number of plug- and-play components also speeds up the maintenance process.

CONTROL YOUR COSTS

Being active in the Road Construction business requires considerable investment. Every square meter involves an operational cost composed of fixed costs such as interest on equipment acquired, labor costs, insurance and equipment depreciation, but also variable costs such as expenses for fuel, wear and maintenance.



Operator cost

The operator is always a very big part of the total cost. Operators using Dynapac equipment will enjoy good ergonomics and easy-to-operate equipment.

Maintenance cost

All road construction equipment need regular check-ups such as change of oils and filters. Dynapac always strives to use components that require as little maintenance as possible.

Wear cost

Since Dynapac always uses high-quality wear parts, the time that is needed to change them can be kept to a minimum. Customers who use Dynapac spare parts will improve reliability and protect their investment.

Investment cost

The purchase price is often only a relatively small part of the total cost. Dynapac rollers and pavers maintain a high value throughout their working life, which is good to know if you ever want to sell it.

Fuel cost

Fuel expenses can make up a large part of your total cost. Since Dynapac rollers and pavers are equipped with a very efficient hydraulic system, your fuel cost can be kept at a low level.

SERVICE COMMITTED TO YOUR FUTURE

WHAT?

GENUINE PARTS AND KITS

- Preventive maintenance kits
- Genuine Filters
- Fluids and lubricants
- Wear and repair kits
- Upgrade Kits

SERVICE

- Right competence
- Training program
- Inspection & service program
- Extended Warranty & Service Agreement

CONSUMABLES

- Road Milling
Tools (bits)

HOW?

GLOBAL DISTRIBUTION NETWORK

Always close to you

DYNAPAC.COM

- Kit selector
- Fluid selector
- Shop Online

DYN@LINK

- Manage your fleet
- Timely interventions planned with service alerts

PREVENT THE COST OF A BREAKDOWN

REGULAR MAINTENANCE PREVENTS COSTLY STANDSTILLS.

Equipment breakdowns have a direct impact on your productivity. No production means no revenue, but the fixed costs stay the same, resulting in lower profitability. By avoiding breakdowns and increasing the reliability of your machine, you will be able to produce more per year, which will immediately improve your profitability.

PREVENTIVE MAINTENANCE KITS


PREVENTIVE MAINTENANCE KITS

All in one box and tailored to match your equipment. Easy to obtain and attractively priced, our preventive maintenance kits contain all the parts required for the equipment's scheduled maintenance program. When installed by one of our certified technicians, you keep equipment downtime to a minimum and its uptime to a maximum throughout its working life.


PREVENTIVE MAINTENANCE PAYS BACK

Equipment needs preventive maintenance that demands


- Timely intervention to avoid expensive breakdowns
- High quality maintenance also means higher resale value (residual value)



Lower Cost of Ownership
Maintenance prevents more costly repairs



Increased equipment reliability
Full equipment uptime



Higher resale value

DYNAPAC LARGE PAVERS

	F2500CS	F2530CS	F2550CS
WEIGHT			
Weight, t(V6000), refer T3	18.5	18.7	19.7
DIMENSIONS			
Basic width w/o screed, m	2.55	2.55	2.55
Working width, max, m	9	10	11.5
CAPACITY			
Placement thickness,max,mm	310	500	500
Minimum paving level, mm	-150	-150	-150
Capacity, t/h	750	800	800
MATERIAL HOPPER			
Dumping height center, mm	555	555	555
Hopper width (external), mm	3,400	3,470	3,470
TRACTION			
Paving speed, m/min	30	20	28
Transport speed, km/h	4	3	4
Operator console Dahsboard	Slidable left/right Ergonomic	Slidable left/right Ergonomic	Slidable left/right Ergonomic
ENGINE			
Engine model	UK Cummins QSB6.7-C173	UK Cummins QSB6.7-C190	UK Cummins QSB6.7-C220
Rated power kw @ 2200 rpm	129	142	164
Emissions	Stage IIIA (T3)	Stage IIIA (T3)	Stage IIIA (T3)
Electrical system, V	24	24	24
Fuel tank capacity, L	337	337	337
ENGINE			
Engine model	UK Cummins QSB6.7-C173	UK Cummins B6.7CSIV201F DCEC Cummins B6.7CS4 193C	UK Cummins B6.7CSIV228F DCEC Cummins B6.7CS4 240C
Rated power kw @ 2200 rpm	129	UK Cummins 149 DCEC Cummins 142	UK Cummins 168 DCEC Cummins 177
Emissions	Bhavat IV	China IV	China IV
Electrical system, V	24	24	24
Fuel tank capacity, L	362	362	362
CRAWLER			
Cralwer length, mm	2,900	3,360	3,360
Crawler width, mm	320	320	320
Final drive	Hydrostatic direct drives comprising planetary gear units and hydraulic motors		
CONVEYOR			
Conveyor type	Dual bar feeder	Dual bar feeder	Dual bar feeder
Conveyor width, mm	2 x 655	2 x 655	2 x 655
Conveyor control		Automatic with limit switches	
AUGER			
Auger diameter, mm	380	380	430
Auger control		Automatic with ultrasonic sensors	
Auger height adjustment,mm	250	250	250
SCREED OPTIONS			
Tamper & Vibration Vario Screed V5100 TVG	YES	YES	YES
Tamper & Vibration Vario Screed V5100 TVE	YES	YES	YES
Tamper & Vibration Vario Screed V6000 TVG	YES	YES	YES
Tamper & Vibration Vario Screed V6000 TVE	YES	YES	YES
Tamper & Vibration Rigid Screed R300 TVG	N/A	YES	YES
Tamper & Vibration Rigid Screed R300 TVE	N/A	YES	YES
Tamper & Vibration Rigid Screed R300 DTVG	N/A	YES	YES

Your Partner on the Road Ahead



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