

# DYNAPAC LARGE PAVERS

Dynapac F2500W / F2500WS / F2500C / F2500CS  
Conventional Electric Control



THE **F2500 LARGE PAVER RANGE** is designed with conventional electric control with high paving capacity and high quality Dynapac vario screed. The pavers feature an efficient drive concept, best in class operator comfort as well as ease of service - a perfect recipe for excellent paving results!

# PRECISE POWER & SMART DESIGN

## CONVENTIONAL WHEELED POWER

The key benefits of F2500W and F2500WS are Quality, Reliability and Simplicity! These wheeled pavers have powerful rear wheel drive and additional 2 front wheel drive for the F2500WS which allows paving up to 6.6 m. Choose between a gas or electric heated V5100 vario screed with a range of leveling systems to achieve the best paving results on any jobsites. This paver is designed for safe operation. It has conventional electrics for easy operation and maintenance. Our F-series has an intuitive control panel with ergonomic operator platform. Your robust wheeled partner for paving up to 6.6 m!

## CONVENTIONAL TRACKED POWER

The focus of the F2500C & F2500CS tracked pavers is Quality, productivity and reliability! These pavers are designed for easy operation with high quality paving results. They have conventional electrics for easy operation and maintenance. Along with an efficient drive system that is most fuel efficient, we offer environmental friendly gas heated as well as electric heated screeds for perfect laying results. F2500 tracked pavers are equally suited for asphalt, soil or concrete applications.

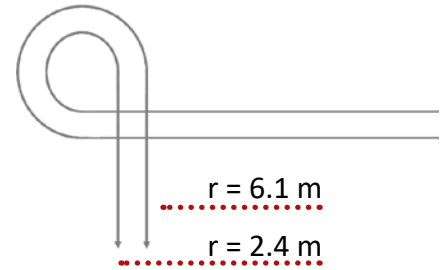
	F2500W	F2500WS	F2500C	F2500CS
Eng. power at 2,200 min <sup>-1</sup>	110 kW	129 kW	110 kW	129 kW
Theor. paving capacity	650 t/h	650 t/h	650 t/h	750 t/h
Max. working width	6.60 m	6.60 m	8.10 m	9.00 m







## OPTIMAL DRIVE



### COMPACT DESIGN WITH GREAT MANEUVERABILITY

The F2500W & F2500WS wheeled paver is compact in dimensions that offer a 2.4 m inner turning radius for easy operation within city roads. The paver can handle narrow paving situations and with its 17 degree ramp angle is easy to transport.

### EXCELLENT STABILITY

The paver is well balanced with a low centre of gravity. The hydrostatic drive system offers a smooth driving experience with good speed ramp up. Thanks to the new hydrostatic brakes the paver has a smooth but effective service brake. In addition we offer a multi disc parking brake.

# PRECISE &



### OUTSTANDING TRACTION

The pavers have ample traction due to smart rear wheel drive along with wide tires. The new F2500WS comes with additional 2-front wheel drive. The low profile tires give superior ground contact and effective traction in work as well as drive modes. The paver features an asymmetric suspended axle that allows ground contact for the front tires in uneven ground conditions. This also improves our drive capability at all times.





# 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.

The F2500C / CS have optional rock deflector and push rollers with central pivots for oscillation. The low profile tracks have hydraulic tensioning and optimized suspension for even more traction and rigidity.

## **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.



### **MATERIAL FLOW**

Dynapac has optimised the Hopper for outstanding material transfer. It is longer (1953 mm) and 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. High capacity kit is available for laying extra thick, wide layers. To ensure a flawless material flow, we offer a robust paddle sensors system for proportional control.

### **STRONG AUGER SYSTEM**

The left and right augers are reversible and have independent drives. The auger speed is adjusted steplessly by the sonic sensors to ensure smooth material flow. The auger system has high torque to suit all paving widths as well as thickness. The auger height can be adjusted by 250 mm!





*Flow control with ultrasonic sensors - ensures constant head of material*

### **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!

# **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.

### **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 with conventional toggle switches. The storage boxes are now bigger and moved in to the platform floor to improve the rear view. The new roof features four integrated working lights to the front and to the rear.





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

### **SMOOTH FLOW**

Unmatched capacity and minimized segregation through a perfectly balanced, fully automated conveying system.

4

### **PUSH ROLLERS**

Oscillating push rollers for reduced impact from trucks.

5

### **POWERFUL UNDERCARIAGE**

Drive system features powerful rear drive along with excellent turning radius of 2.4 m (inner) and a wheelbase of 2,240 mm.

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 with toggle switches 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

### **SAFE TRANSPORT**

Manually operated locking cylinders for the leveling arms. Safe and easy!

10

### **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

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1

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### **HIGH CAPACITY HOPPER**

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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

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**DYNAPAC**  
FIRAT GROUP

F2500C





### 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 CO<sub>2</sub> emissions.

## 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 workplace for the screed operator.



## 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.

### VARIO SCREEDS

	V5100TV/TVE	V6000TV/TVE
Basic width	2.55 m	3.00 m
Hydraulically extendable to	5.10 m	6.00 m
Heating system	LPG/Electric	LPG/Electric

### Maximum working width (with extension parts)

F2500W	6.60 m*	-
F2500WS	6.60 m	-
F2500C	8.10 m*	-
F2500CS	8.10 m	9.00 m

\* Gas only



### 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 cabin platform allowing easy replacement. The sheer number of plug-and-play components also speeds up the maintenance process.

### EASY TRANSPORTATION

Compact dimensions, high maneuverability and large ramp up angle of 16° together with large and easy accessible transport lugs, mean loading and transportation are easy to handle. The mechanical screed arm lock and mechanical lock for the hopper cylinder are safe to use and make it easy to transport the paver quickly.



## 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**

	F2500W	F2500WS	F2500C	F2500CS
WEIGHT				
Weight, t	16.5	16.5	18	18
DIMENSIONS				
Basic width, m	2.55	2.55	2.55	2.55
Working width, max, m	6.60	6.60	8.10	9.00
Working width, min (w/reduction shoe), m	2.05	2.05	2.05	2.05
CAPACITY				
Placement thickness, mm	-150 up to +310	-150 up to +310	-150 up to +310	-150 up to +310
Capacity, t/h	650	650	650	750
MATERIAL HOPPER				
Dumping height center, mm	574	574	555	555
Hopper width (internal), mm	3142	3142	3292	3292
TRACTION				
Paving speed, m/min	30	30	30	30
Transport speed, km/h	15	15	4	4
Operator console	Slidable left/right	Slidable left/right	Slidable left/right	Slidable left/right
Dashboard	Ergonomic	Ergonomic	Ergonomic	Ergonomic
ENGINE				
Engine model	Cummins QSB6.7-C173	Cummins QSB6.7-C173	Cummins QSB6.7-C173	Cummins QSB6.7-C173
Rated power KW @ 2200 rpm	110	129	110	129
Emissions	Stage IIIA (T3)	Stage IIIA (T3)	Stage IIIA (T3)	Stage IIIA (T3)
Electrical system, V	24	24	24	24
Fuel tank capacity, l	315	315	320	320
CRAWLER/WHEELS				
Crawler length, mm	-	-	2900	2900
Crawler width, mm	-	-	320	320
Rear wheel	445/80R25	445/80R25	-	-
Front wheel	4 x 560/300-390	4 x 560/300-390	-	-
Final drive	Hydrostatic direct drives comprising planetary gear units and hydraulic motors			
CONVEYOR				
Conveyor type	Dual bar feeder	Dual bar feeder	Dual bar feeder	Dual bar feeder
Conveyor width, mm	2 x 580	2 x 580	2 x 655	2 x 655
Conveyor control	Automatic with limit switches		Automatic with limit switches	
AUGER				
Auger diameter, mm	380	380	380	380
Auger control	Automatic with ultrasonic sensors		Automatic with ultrasonic sensors	
Auger height adjustment, mm	250	250	250	250
SCREED OPTIONS				
Tamper & Vibration Vario Screed V5100TV	YES	YES	YES	YES
Tamper & Vibration Vario Screed V5100TVE	NO	YES	NO	YES
Tamper & Vibration Vario Screed V6000TV	NO	NO	NO	YES
Tamper & Vibration Vario Screed V6000TVE	NO	NO	NO	YES

**Your Partner on the Road Ahead**