

DYNAPAC MOBILE FEEDER



Dynapac MF2500CS / MF2500CS SwingApp
Dynapac MF2500CM





Max. theoretical
feed capacity
4,000 t/h
Transport width
8 ft 4 in
Add-on Swingapp
45 min

**COMPACT
POWERFUL
VERSATILE**



The heart of the Dynapac MF2500 is its reliable high performance conveying system. With a feeding capacity of up to 4,000 tons per hour it can transport 30 tons of asphalt, sand or gravel in just 35 seconds. The durable belt is directly mounted on metal bracing for a long service lifetime.

The only 8 ft 4 in feeder in it's class the Dynapac MF2500 combines cost effective transport with impressive feeding capacity.

An optional SwingApp makes the MF2500CS incredible flexible and versatile.

Meet Dynapac Mobile Feeder family



MF2500CS



MF2500CS SwingApp



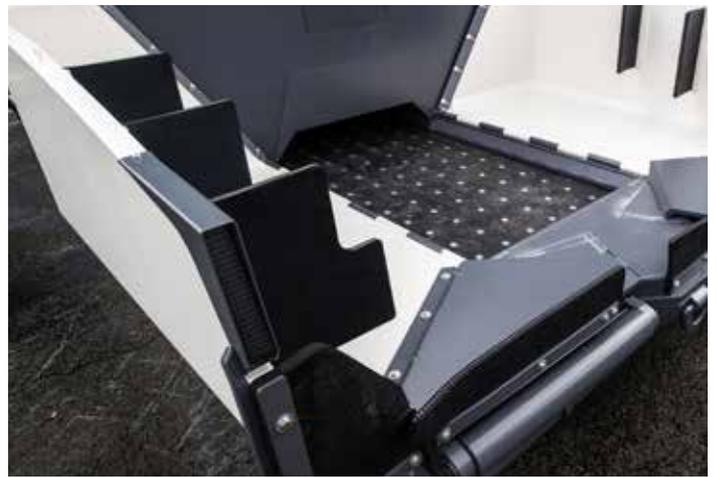
MF2500CM

MF2500CS MF2500CS with Swingapp MF2500CM

Engine power at 2200 min (Stage IV/T4 final)	225 hp	225 hp	225 hp
Feeding capacity, theoretical	4,000 t/h	2,000 t/h	4,000 t/h
Transport width	8 ft 4 in	8 ft 4 in	8 ft 4 in



BETTER ROADS – EASY & FAST



LARGE TUNNEL FOR BULK MATERIAL TRANSFER

SMOOTH PAVING PROCESS

To achieve the best paving quality a constant paving speed is mandatory. The Dynapac MF2500 feeder in combination with paver hopper container guarantees uninterrupted material supply. This ensures a continuous and smooth paving process.

The large twin hopper wings and tunnel combine with a specially designed conveyor system to deliver bulk material. Foldable hopper wings with front hopper flaps enable a quick emptying of the hopper. Chamfered hopper corners prevent cold asphalt being left in the hopper.

The track driven feeder has pushrollers to dock with the truck. The new Truckassist feature makes communication between the feeder operator and truck driver really easy. The operator can swing the seat out of the side of the machine, and adjust the control panel to the most comfortable position, giving them excellent visibility of the truck side, feeder hopper and paver side. Auto modes ensure that the all main feeder operations can be done in a smooth and hassle free manner.

CONVEYING TECHNOLOGY

Dynapac feeders are best known for their powerful and durable conveying systems. The 4 feet wide conveyor with highly reliable rubber belt has been designed for optimal flow and minimal segregation. Stiffening bars together with roller chains make the conveyor system extremely robust. Special alloy steel supports for the bars ensure optimal conveying performance. This significantly reduces the fuel consumption.

HOMOGENOUS MIX

The material stays hot during transport on the belt due to the width and speed of the conveyor. Covers minimize the heat loss.

The feeders are equipped with foldable hopper wings with front hopper flaps. Chamfered hopper corners prevent cold asphalt being left in the hopper. The new tri-flap system allows even faster material transfer.

Fewer asphalt mix transfer points and least interference to the asphalt mix ensures a high quality mix.



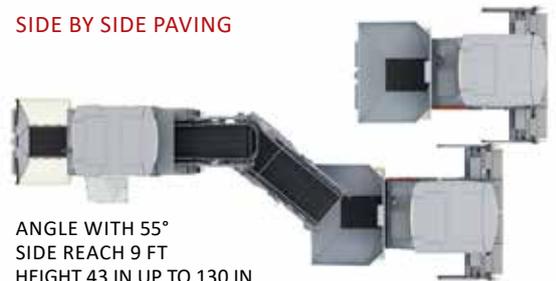
MF2500CS WITH SWINGAPP

ADD-ON SWINGAPP – UNIQUE & PATENTED



SWINGAPP

SIDE BY SIDE PAVING



ANGLE WITH 55°
SIDE REACH 9 FT
HEIGHT 43 IN UP TO 130 IN

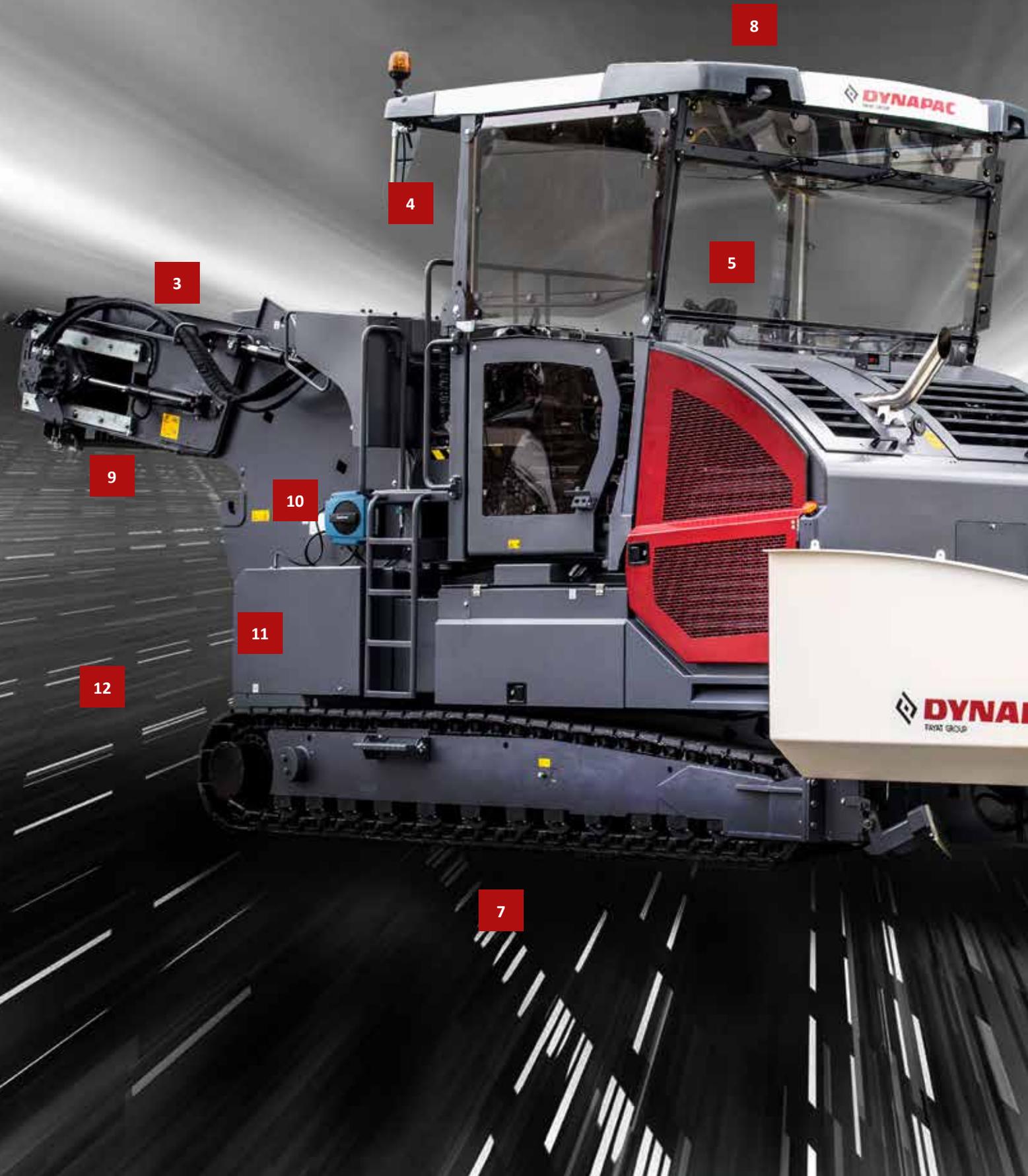
FLEXIBILITY

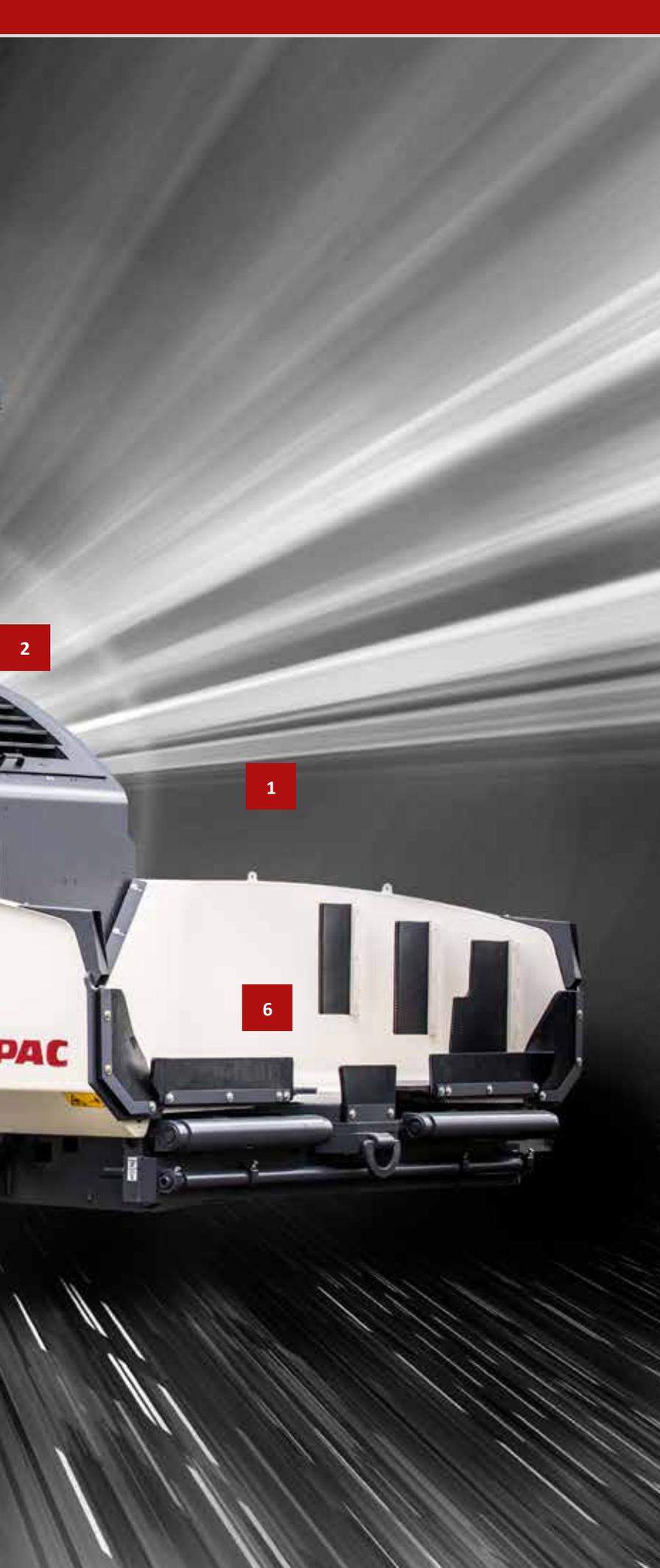
Equipped with a short conveyor as standard, the MF2500CS mobile feeder can also work with an add-on Swingapp. Swingapp transforms the MF2500CS to a feeder suitable for offset feeding applications – feeding two pavers side by side, feeding one paver from a different lane, fill medians etc. The Swingapp conveyor can swing 55° to both sides.

LOW COSTS

Our innovative design helps you to keep your investment costs low as the Swingapp can transform a MF2500CS to an 'offset feeder'. The same Swingapp can be mounted on any MF2500CS allowing optimal fleet management. A mounting/dismounting time of under 45 minutes enables you to respond more quickly to changing job site requirements. When not required, the Swingapp can be removed, which considerably prolongs the lifetime of the belt and minimizes costs.

FEATURES AND BENEFITS





- 1 AMAZING PRODUCTIVITY**
Empties a truck in 35 seconds thanks to a wide belt and large tunnel.
The bulk material transfer ensures an homogenous mix.
- 2 LOW COST OF OWNERSHIP**
With a width of just 9.3 ft, the paver doesn't need any special permits when being moved. The high feed capacity and low fuel consumption also keep running costs low.
- 3 LONG LASTING BELT**
The rubber belt is directly mounted on metal braces, which eliminates the temperature impact from the hot asphalt on the belt.
- 4 COMING HOME**
The working light can be switched on with the central battery switch from ground level for convenient access to the operator platform in the dark.
- 5 ERGONOMIC WORKPLACE**
Spacious platform with pivotable seats and dashboard for an ergonomic working place and excellent view. Optional weather house is available.
- 6 HOMOGENEOUS MATERIAL**
The wide and high conveyor ensures smooth material flow with minimal segregation.
- 7 MODULAR SERVICE CONCEPT**
The modular design of the MF2500 with the SD pavers means they have a lot of parts in common.
- 8 INTEGRATED WORKING LIGHTS**
Comprehensive lighting system for night work: 4 LED lights integrated in the canopy, 2 for the conveyor, 1 at the back. Optional 24 V LED-lighting balloon can be easily plugged in.
- 9 SWINGAPP**
You can easily convert the standard short feeder to an offset feeder in just 45 minutes, using Swingapp.
- 10 EASY CLEANING**
The integrated release agent spray system makes cleaning more convenient.
- 11 LAPTOP STATION**
The feeder features a lockable rain-protected laptop station with a 24V plug for a convenient working place.
- 12 AUTOMATIC DISTANCE SENSOR**
The automatic distance sensor keeps the distance between feeder and paver constant on the pre-setted value.



ALL ROUND VISIBILITY

For an easy and smooth operation it is important that the driver can communicate with the truck and paver drivers, whilst monitoring the amount of material in the feeder and paver hoppers. The MF2500 does exactly that and a bit more. The two swing-out seats allow the driver to sit variably up to a 90° angle to the driving direction to ensure an excellent view. Both seats can be individually adjusted for height and distance for a comfortable working position. The new 'platform lift' option gives the operator excellent visibility, especially while working with the Swingapp mounted on the Dynapac MF2500CS. The view is further enhanced by optional cameras and mirrors.

SMART FEEDING

The distance to the paver and the speed of the feeder is automatically controlled by a reliable sensor. Consequently the Dynapac MF2500 stays on course and the operator can concentrate on the feeding process. For more comfort and safety during operation.

The filling sensor on the conveyor end monitors the filling degree in the paver hopper and controls the conveyor belt speed. This ensures highest daily work capacity.

The optional steering device automatically guides the feeder. The operator can thus concentrate on the feeding operation - while the machine stays on course.



TRUCKASSIST

Dynapac's TruckAssist system is designed to help trucks dock correctly and safely with the feeder by simplifying communication between the feeder and truck driver. The system comprises two sturdy, LED bars which are positioned on the hopper edges.

TruckAssist allows safe, efficient communication between the drivers of the feeder and the truck, and enable the feeder driver to remain in control of the truck docking process at all times. This feature is particularly useful in low noise areas, reducing the need to use the horn.



EXCELLENT OVERVIEW

The operator seat can be pivoted up to 90° and shifted to the outside.

The entire operator platform can be raised hydraulically by more than 3 ft. This ensures an excellent overview.

SECOND OPERATOR

Some functions of the Dynapac MF2500 can be performed from a second operator station on the ground, such as opening and closing the hopper. A rain-protected laptop station with a 24 V plug can also be found in this area.



MAIN VIEW

Full control at glance. The main screen gives you an overview of the complete feeding process, displaying all essential parameters. From here you monitor the feeding amount in the paver/hopper, conveyor speed, emulsion spray tank level and distance between the paver and feeder. Also featuring short-cuts in other menus.



MATERIAL FLOW SETTINGS

Following the current parameters view, you can go into the settings for the conveyor, such as filling degree and conveyor belt speed for slow movement and auto control.

With the introduction of Dyn@Link, Dynapac Road Construction Equipment provides customers with a tool to monitor and manage their machine fleet efficiently and conveniently. The intelligent telematics system offers many possibilities to optimize fleet usage, to reduce maintenance costs and to save time and money.



All machine information at a glance

All machines, together with important information such as position, fuel and Ad-blue levels, service status and map view, are listed on the dashboard. Thanks to the online portal and the Dyn@Link app, users can access this information from anywhere and at any time.



Customize the tool for your needs

The user-friendly webpage is easy to learn and the various filters and personal setting options for graphs and tables allow you to adapt the webpage to your individual requirements.

EASY BELT REPAIR

The quick connector of the belt allows to change the belt within few hours. It is not necessary to dismount any supporting equipment. Only connect the new belt with old belt and let the belt run!
And if there is a partial damage: Dynapac offers a belt repair kit, which can be easily inserted without missing a day of paving.

EASY CLEANING

The spraying system ensures that there is a permanent release agent coating on the conveyor belt. This effectively prevents the adherence of bitumen. The 4 gallon tank for the release agent fluid guarantees a long operating time.

BELTGUARD BENEFITS

- HIGH CLEANING EFFICIENCY
- ECONOMICAL IN USE
- OPTIMALLY HARMONIZED WITH SPRAY SYSTEM



The MF2500 is great value for money. Dynapac conveying technology and key synergies with large pavers ensures low cost of ownership.



SAVINGS ON INVESTMENT

The MF2500CS feeders are ready to take the Swingapp. This gives the flexibility to keep the initial investment low. Invest only on the MF2500CS and choose to buy the Swingapp later on as required. The same Swingapp can be mounted on any MF2500CS keeping the fleet of feeders lean. Add-on Swingapp gives the incredible flexibility to respond fast to changing jobsite requirements.



SAVINGS ON TRANSPORT

Massive savings on transport – thanks to compact and light design. No time and money is wasted on special transport permits.



SAVINGS ON WEAR PARTS

The robust design of the conveyor keeps wear, and hence maintenance costs, very low. The quick and easy addition of SwingApp means you only need use it where the application requires the extra flexibility, so reducing wear and maintenance costs, and increasing the life of the belt.



SAVINGS ON FUEL

Drive and control are optimized to achieve the best out of the machine. The MF2500's optimised conveying technology, including the roller chain path and special alloy plates, mean the fuel consumption is best in class.



SAVINGS ON SERVICE

Thanks to our All-in-one-box concept you can plan preventative maintenance with ease. All parts required for preventative maintenance and wear are easy to order with delivery in one package. Our new mechanical belt connection also ensures easy belt change over in the field saving time and money, to ensure high uptime. All machines can also be connected with FleetLinkpackage to create automatic service notification as well as fault analysis by our trained technicians.



DYNAPAC MOBILE FEEDERS

	MF2500CS	MF2500CS Swingapp	MF2500CM
WEIGHT			
Weight, lbs	44,000	56,000	46,000
DIMENSIONS			
Transport width, ft	8.4	8.4	8.4
Transport length, ft	30	44	34
Transport height, ft	10.2	10.2	10.2
CAPACITY			
Feeding capacity, t/h	4000	2000	4000
MATERIAL HOPPER			
Dumping height center, in	20.6	20.6	20.6
Hopper width (internal), ft	11	11	11
Hopper capacity, t/cu.yard	15/7.8	15/7.8	15/7.8
TRACTION			
Operating speed, ft/min	82	82	82
Transport speed, mph	2.5	2.5	2.5
ENGINE			
Engine model (Stage IV/T4 final)	Cummins QSB6.7-C225	Cummins QSB6.7-C225	Cummins QSB6.7-C225
Engine power @ 2200 rpm, hp	225	225	225
Electrical system, V	24	24	24
Fuel tank capacity, gal	80	80	80
CRAWLER			
Crawler length, ft	12.8	12.8	12.8
Crawler width, ft	1	1	1
Final drive	Hydrostatic direct drives comprising planetary gear units and hydraulic motors, integrated in the crawler track frame		
CONVEYOR			
Conveyor type	Rubber belt mounted on two chains with metal stiffeners		
Conveyor width, in	47	47	47
Conveyor speed	Constantly variable	Constantly variable	Constantly variable
Feeding height, in	86 to 110	43 to 130	83 to 118

Your Partner on the Road Ahead



Dynapac North America LLC
 342 Patricia Lane Suite 104, Fort Mill, SC 29708
 Phone: (800) 651-0033
www.dynapac.us