



DYNAPAC MOBILE FEEDER

Dynapac MF2500CS
Dynapac MF2500CS Swingapp
Dynapac MF2500CM
Dynapac MF2500CL



Atlas Copco



POWERFUL. COMPACT. VERSATILE.

THE DYNAPAC MF2500 MOBILE FEEDER

Being the only 2,5 m feeder in its class, the Dynapac MF2500 combines easy and cost effective transport - no special permission needed - with impressive feeding capacity. Thanks to its high performance conveying system the MF2500 can empty a truck in just 35 seconds! This powerful and reliable feeder has low operating costs. An optional Swingapp makes it incredibly flexible and versatile.



**TRANSPORT WIDTH
2,5 M**

Max. theoretical feed capacity 4000 t/h

Transport width 2,5 m

Add-on Swingapp 45 min

INCREDIBLE PRODUCTIVITY

The heart of the Dynapac MF2500 is its high performance conveying system. With a feeding capacity of 4000 t/h it can transport 27 tonnes of gravel, sand or asphalt in just 35 seconds. The durable conveyor belt is directly mounted on a tightly arranged metal bracing. The speed of the conveyor can be controlled manually or automatically. Operating contact free, the Dynapac MF2500 feeder ensures an even material flow for different kinds of material.

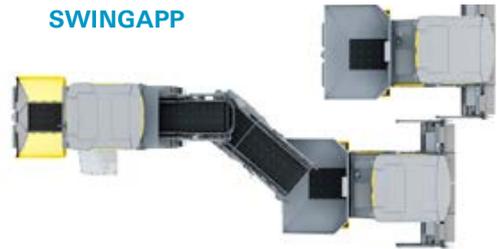
SWINGAPP UNIQUE & PATENTED

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.



SWINGAPP



SIDE BY SIDE PAVING



MF2500CS WITH SWINGAPP

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. 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.

	MF2500CS	MF2500CS with Swingapp	MF2500CM	MF2500CL
Engine power at 2200 min (Stage IIIA/IV)	164/ 168 kW	164/ 168 kW	164/ 168 kW	194 kW
Feeding capacity, theoretical	4000 t/h	2000t/h	4000 t/h	4000 t/h
Transport width	2,5 m	2,5 m	2,5 m	2,5 m



CONVEYING TECHNOLOGY

Dynapac feeders are best known for their powerful and durable conveying systems. The 1200 mm 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.



BETTER ROADS

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.

All the peak material requirements can be met as the conveyor can feed up to 4000 t/h.

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 all main feeder operations can be done in a smooth and hassle free manner.

LARGE TUNNEL FOR BULK MATERIAL TRANSFER



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 quality mix.

– EASY & FAST

MEET THE WHOLE FAMILY OF DYNAPAC MOBILE FEEDERS!



MF2500CS



MF2500CS SwingApp



MF2500CM



MF2500CL

YOU'RE IN CONTROL



AUTO MODE FEATURES

The Dynapac MF2500CS uses steering, distance and feeding sensors to fully automate its operation.

SMART FEEDING

The steering device automatically guides the feeder. Sensors mounted at the end of the feeder conveyor check the amount of material in the hopper container, enabling automatic conveying mode.

The speed of the feeder and distance from the paver is controlled by laser sensor. Consequently the machine stays on course and the operator can concentrate on the truck emptying process. This ensures the highest daily work capacity.

The control panel can be repositioned anywhere across the platform and be pivoted by up to 90 degrees. This enables the operator to have complete control from any position. Weather protection is available as an option, ensuring the highest comfort for the operator.

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.



FULL CONTROL

The dashboard concept has been adapted from the Dynapac pavers: with buttons grouped by function and frequency of use. It features a 7.0" color display and for night work the buttons are illuminated. The optional joystick integrates main drive functions and the Swingapp functions put the operator in full control.



TRUCKASSIST

Atlas Copco'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.



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 shortcuts 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.



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 24V plug can also be found in this area.

FEATURES & BENEFITS

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.

HOMOGENEOUS MATERIAL

The wide and high conveyor ensures smooth material flow with minimal segregation.

SIMPLE OPERATION

Intuitive control panel with automatic feeding, distance and steering modes. Lifiable platform for excellent visibility.

AMAZING PRODUCTIVITY

Empties a truck in 35 seconds thanks to a wide belt and large tunnel. The bulk material transfer ensures an homogenous mix.

MODULAR SERVICE CONCEPT

The modular design of the MF2500 with the SD pavers means they have a lot of parts in common.

LONG LASTING BELT

The rubber belt is directly mounted on metal braces, which eliminates the temperature impact from the hot asphalt on the belt.

ALWAYS ON TRACK

The distance sensor ensures the distance between feeder and paver stays constant.

EASY MAINTENANCE

The integrated emulsion spray system makes cleaning easier.





INTEGRATED WORKING LIGHTS

Comprehensive lighting systems for night work: halogen and LED lights – 4 integrated in the canopy, 2 for the conveyor. Optional 24V-lighting ballons can be easily plugged in.

SWINGAPP

You can easily convert the standard short feeder to an offset feeder in just 45 minutes, using Swingapp.

ERGONOMIC WORKPLACE

Spacious platform with pivotable seats and dashboard for an ergonomic working place and excellent view. Optional weather house is available.

LAPTOP STATION

The feeder features a lockable rain-protected laptop station with a 24V plug for a convenient working place.

LOW COST OF OWNERSHIP

With a width of just 2.5 m, the paver doesn't need any special permits when being moved. The high feed capacity and low fuel consumption also keep running costs low.

TRACTION

The long and wide tracks ensure enough traction to push even the largest trucks.

LOW COST OF OWNERSHIP



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

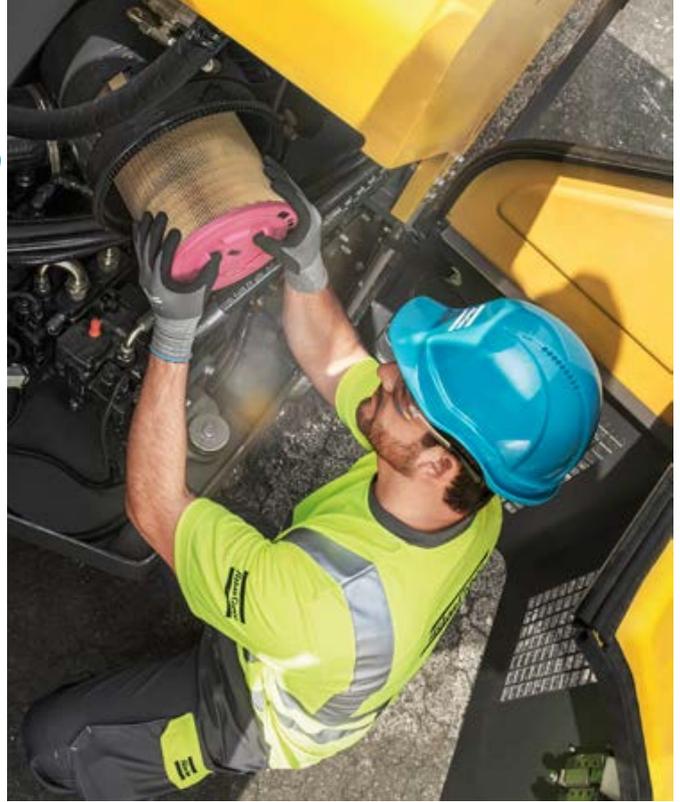
Thanks to our All-in-one-box concept you can plan preventative maintenance with ease. All parts required for preventative maintenance and wear are easy to order with delivery in one package. Our new mechanical belt connection also ensures easy belt change over in the field saving time and money, to ensure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

SERVICE COMMITTED TO YOUR FUTURE

TRAINING

Atlas Copco Road Construction division puts a lot of focus on development of local competence within our customer centers and dealers. With many years of experience at our production facilities in handling Road Construction Equipment we have developed training packages that allow our service technicians as well as our customers to develop competence in both equipment application and maintenance. Please check our website for suitable training programs or ask our local representative.

Find details of training at [dynapac.com / training](http://dynapac.com/training)



EXTENDED WARRANTY & SERVICE AGREEMENTS

We have developed service agreements based on customer feedback, application know-how, field support knowledge, and product development experience. You can select a service agreement that meets your needs and budget, allowing you to get the most out of your equipment investment.

UPGRADE KITS

Our upgrade kits are an economical solution that ensures your equipment is up to date with the latest Atlas Copco technology. Upgrades are based on proven technological solutions, readily available and easily installed. They will maximize your equipment's productivity and market value, as well as optimize your equipment's efficiency, to increase your profits.



ALL-IN-ONE BOX KITS

An all-in-one box, tailored to match your equipment. The parts you need, when you need them! An all-in-one box contains all the parts required as part of the equipment's scheduled maintenance program. When installed by an Atlas Copco certified technician, downtime is kept to a minimum and your equipment stays in top condition its entire life.

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

Find a suitable kit at [dynapac.com / kitselector](http://dynapac.com/kitselector)

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 at [dynapac.com / fluidselector](http://dynapac.com/fluidselector)

GO MOBILE

Construction App

Find all the information about Atlas Copco Construction Technique's products and services.

Parts Online

User-friendly platform to find the spare parts and catalogues for construction equipment.

Shop Online

Handle your orders 24 hours a day. Fast, easy and safe.



TECHNICAL DATA DYNAPAC MOBILE FEEDER RANGE

	MF2500CS	MF2500CS Swingapp	MF2500CM	MF2500CL
Weight, t	20	24,5	21	22
Basic width, m	2,55	2,55	2,55	2,55
Capacity, t/h	4000	2000	4000	4000
Operating speed, m/min	25	25	25	25
Transport speed, km/h	4	4	4	4
Engine model (Stage IIIA/IV)	Cummins QSB 6.7-C220/QSB 6.7-C225		Cummins QSB6.7-C260	
Engine power at 2200 rpm (Stage IIIA/IV)	164/168 kW	164/168 kW	164/168 kW	194 kW
Electrical system, V	24	24	24	24
Fuel tank capacity, l	300	300	300	300
Hopper capacity	6 m ³	6 m ³	6 m ³	6 m ³
Hopper width, mm	3345	3345	3345	3345
Dumping height center, mm	523	523	523	523
Conveyor type	Rubber belt on two chains mounted with metal stiffeners			
Conveyor speed	Constantly variable	Constantly variable	Constantly variable	Constantly variable
Feeding height, m	2,2 to (2,5 optional)	1,0 to 2,9	2,1 to 3,0	1,9 to 4,4
Conveyor width, mm	1200	1200	1200	1200
Crawler length, mm	3900	3900	3900	3600
Crawler width, mm	320	320	320	320
Transport length, mm	9200	13500	10300	13500
Transport width, mm	2550	2550	2500	2550
Transport height, mm	3100	3100	3100	3100
Front ramp angle, °	10	10	10	13

COMMITTED TO SUSTAINABLE PRODUCTIVITY

We stand by our responsibilities towards our customers, towards the environment and the people around us. We make performance stand the test of time.

This is what we call - Sustainable Productivity.

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