MF2500 CS IMIX

Mobile Feeder



DYNAPAC
FAYAT GROUP

TECHNICAL DATA



Options

	Standard	Option
Feed Manager 2 Software	✓	
Standard push roller	✓	
Mechanical rock deflector	✓	
LED working lights	✓	
Emulsion spray system	✓	
Chain lubrication system	✓	
Lifting cylinder for loading and unloading the machine	✓	
Ground operator station	✓	
Release agent spray system incl. 15m spray hose	✓	
SW6500		✓
Swing Assist		✓
TruckAssist Advanced		✓
Multifunctional joystick integrated in seat armrest		✓
Light balloons LED 1x400W		✓
Steering control 10m / 14m		✓
LightAssist		✓

Engineered for Excellence

- Easy Transport
- Feed Manager 2 Software
- Powerful 168 kW (225 hp) Cummins QSB 6.7.
- Liftable Platform for improved visibility and control
- High Feeding Capacity of 4,000 t/h
- Versatile Material Handling – asphalt, sand, gravel, or dry concrete
- Smart Assistance Systems – Distance, Steering, Truck, and Feeding Assist
- Low Fuel Consumption for cost-effective operation
- Extremely Durable Belt Design

We reserve the right to change specifications without notice. Photos and illustrations do not always show standard versions of machines.The above information is a general description only. All information are supplied without liability. This document was generated in March 2025.

Technical Data

Hopper

Hopper volume	6.5 m³ / 13t
Hopper volume CS IV	7.0 m³ / 14t
Dumping height (center/outside)	570 mm / 650 mm

Conveyor

Conveyor type	Rubber belt on two chains, mounted with metal stiffeners
Conveyor speed	Constantly variable
Conveyor width	1200 mm

Engine

Manufacturer / Model (Stage V)	Cummins B6.7-C225
Model China Stage IV	Cummins B6.7 CSIV 228F
After treatment (Stage V & China Stage IV)	DOC + DPF + SCR
Emissions according to	EU Stage V / China Stage IV
Rated power (Stage V / China Stage IV)	168 kW @ 2200 rpm
Peak power	186 kW
DEF tank capacity (Stage V)	37 L
Fuel tank capacity (Stage V)	371 L
Average fuel consumption	6.50 L/h*
Manufacturer / Model (Stage IIIA)	Cummins QSB6.7-C220
Emissions according to	EU Stage IIIA
Rated power (Stage IIIA)	164 kW @ 2200 rpm
Peak power	172 kW
Fuel tank capacity (Stage IIIA)	293 L
Average fuel consumption	6.50 L/h*

Drive

Undercarriage type	Crawler
Drive type	Independent hydrostatic driven crawler systems
Crawler length	3360 mm
Max. paving speed	25 m/min
Max. transport speed	4 km/h

Push Roller System

Standard	Fixed, pivotable

Masses

Transport weight (without SwingApp)	22.0 t

Dimensions

Basic width	2.55 m
Transport length	9.46 m
Transport length CS IV	9.79 m
Transport height	3.10 m
Front ramp angle	12°

Feeding

Minimum feeding height	2.10 m
Maximum feeding height	3.00 m
Feeding capacity standard	4000 t/h

Spray system

anti-adherent emulsion tank	100 L
Release Agent	Dynapac beltguard, oil based

IMIX MX STAGE I

Mixing devices	2 mixing augers
Auger diameter	320 mm
Drive system	Hydraulic single drives
Maximum speed	50 rpm

IMIX MX STAGE II

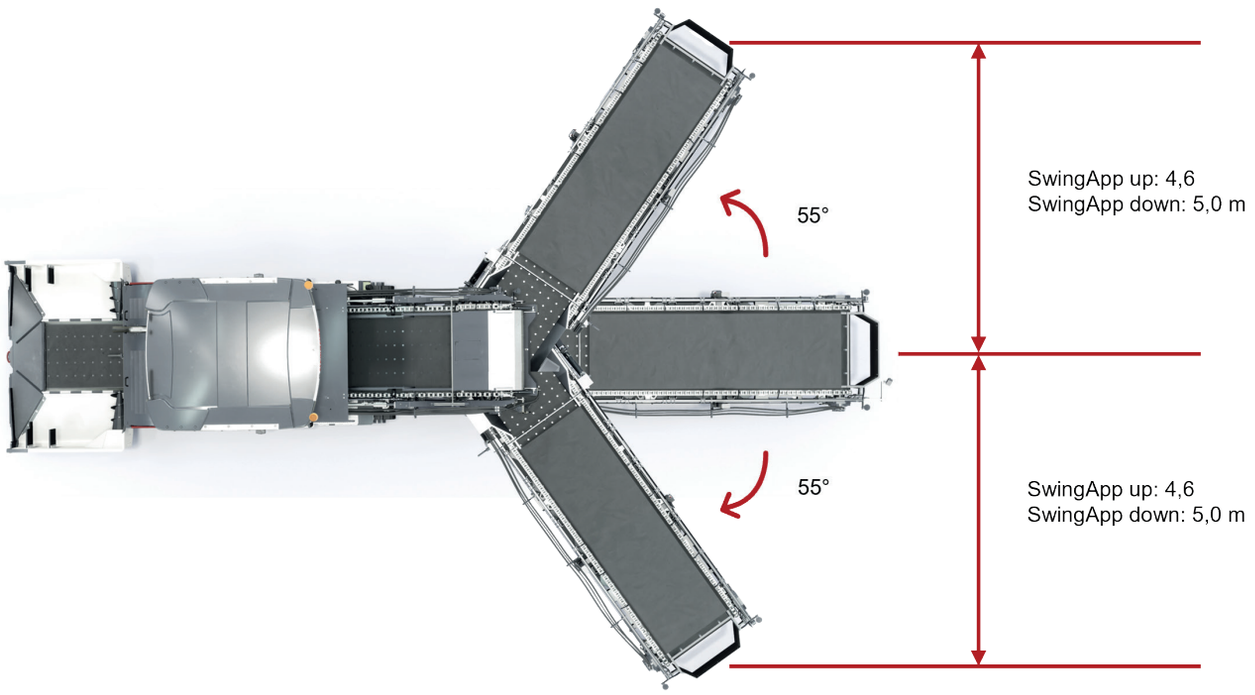
Mixing devices	Flow devider with 2 mixing augers
Auger diameter	380 mm
Drive system	Hydraulic single drives
Maximum speed	79 rpm

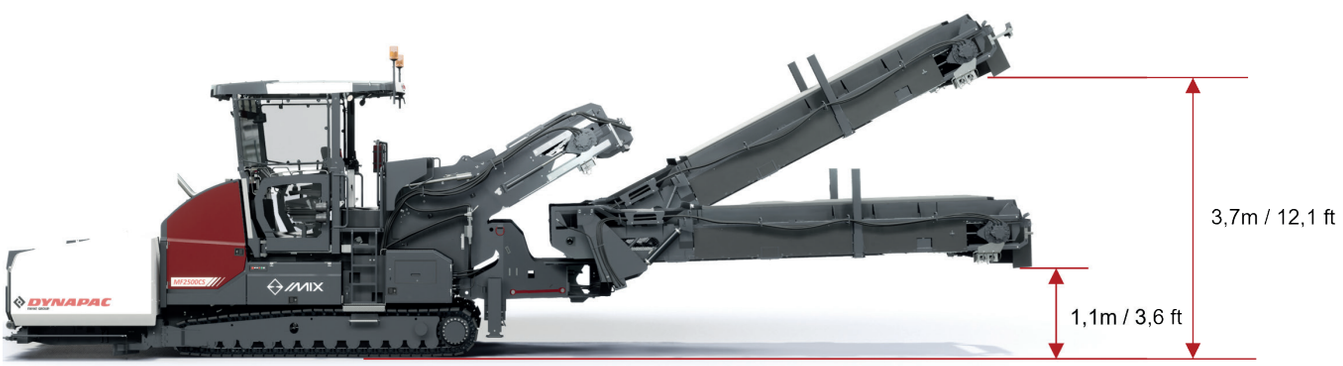
Hydraulic Generator

Type	Synchron
Max. output power	6.6 kVA
Output voltage	230 / 400 V
Frequency	50 Hz

* average, taken from telematic system (Dyn@Link)

SwingApp SW6500

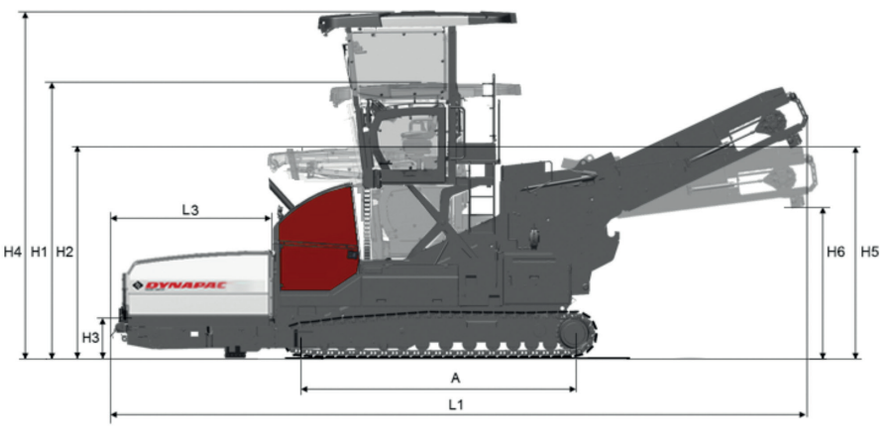




Dimensions

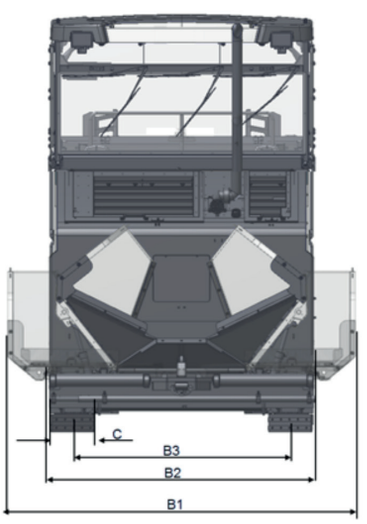
SIDE VIEW

A	3.90 m	Axle Track
H1	4.00 m	Height
H2	3.10 m	Transport Height
H3	0.57 m	Dumping Height
H4	5.02 m	Max. Height
H5	3.00 m	Max. Feeding Height
H6	2.10 m	Min. Feeding Height
L1	9.57 m	Length
L3	2.23 m	Hopper Length



FRONT VIEW

B1	3.35 m	Max. Width
B2	2.55 m	Standard Width
B3	2.09 m	Center Crawler Width
C	0.32 m	Crawler Width



Highlights

Unmatched Capacity, Visibility & Efficiency

The MF2500 CS IMIX features **a liftable cabin** that elevates **up to 1 meter**, providing a clear view of the entire fleet on-site. Weighing **only 21.6 tons**, the machine delivers the **largest conveyor capacity at 4,000 t/h**, with a **1,200 mm-wide belt** designed for durability, offering a **lifespan of up to 5,000 hours**. It features a **smart cleaning system** and provides asphalt storage of up to **20 tons, or 40 tons** with the MH2500.



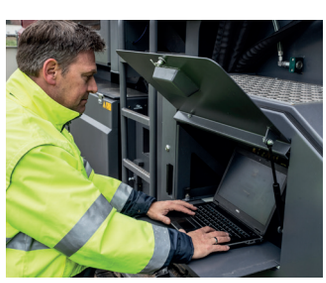
High-Quality Belt with Reliable Performance

Our specially designed belt ensures maximum durability and reliability in demanding conditions. **Immediate on-site repairs** can be done with a repair kit or glue. The machine features instant start-up, **no heat-up time**, and **forklift holes** for fast MH2500 insertion. Additionally, **the SW6500** can be mounted on the MF2500CS **in just 30 minutes**, ensuring **maximum flexibility** on the job site.



Efficient & Ergonomic Ground Control

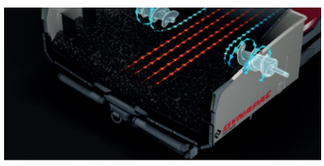
The ground control station minimizes work paths by centralizing logistics management and record collection. **A slidable laptop table**, 24V socket, and **control panel** create an ergonomic workspace for the banksman, **ensuring efficient and streamlined operations**.



Smart Assistance

Distance Assist automatically **adjusts the feeder's speed** using a laser sensor, **allowing the operator** to focus on material feeding. **Truck Assist** enhances communication between the paver operator and truck driver for seamless coordination. **Auto Filling** optimizes material **flow by monitoring the paver hopper and adjusting the belt speed** automatically.







Advanced Material Handling

The IMIX system ensures uniform asphalt quality by **preventing thermal and material segregation** during long-distance transport or on uneven roads. **IMIX Stage I** – In the hopper, two conical augers rotate at 45-50 RPM, **evenly blending** the **material**. **IMIX Stage II** – Before leaving the feeder's belt, the mixture undergoes a **second mixing at 79 RPM**, ensuring consistent temperature and **composition for a durable, smooth mat**.



Service-ability

Dynapac machines are built with **Easily Accessible Maintenance Points**, reducing downtime and simplifying daily checks. The **Advanced Diagnostic System** provides real-time alerts and status updates, enabling proactive maintenance to avoid breakdowns. **Predefined Service Kits** and **Automated Lubrication** Options ensure minimized time spent on routine maintenance.



Lifting Cylinder for Safe and Easy Transport

Designed for **safe and efficient loading and unloading**, the robust **hydraulic lifting cylinder** provides flexibility to handle various transport situations. **Controlled directly from the dashboard** in the operator's cabin, the system allows the machine to **lift up to a 12° front ramp angle**, ensuring smooth trailer access.



Efficient Emulsion Spray System for Longevity

The emulsion spray system applies an **anti-adherent emulsion** to key components in contact with asphalt, such as **the rubber conveyor, hopper, push rollers, and chute**, extending their lifespan. **The 100-liter emulsion tank** feeds a pump with two regulation valves, supporting **adjustable spray bars** for both the rubber belt conveyor and SwingApp conveyor. **Spray frequency** can be adjusted via the **dashboard display** for optimized performance.

Questions?
We’re Happy to Help

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