The Flow Optimizer

MF2500 Feeder and SW6500 SwingApp



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Mighty Machines

Mobile Feeders – Your smart link between transport and paving. Ensures nonstop material flow, less truck waiting, and maximum jobsite efficiency.

LOOKING TO BOOST EFFICIENCY AND PAVING QUALITY?

Mobile feeders are the key. They create a seamless, contact-free connection between trucks delivering hot mix and your paver.
Dynapac's MF2500 series is the only feeder in its class with an operating width of 8.4 ft (2.55 m). With a feeding capacity of up to 4,400 tons per hour, it can transfer 33 tons of asphalt, sand, or gravel in just 35 seconds.
Material is stored in a hopper and conveyed smoothly by a heat-resistant rubber belt. At the front, a sensor-controlled conveyor delivers the mix exactly where it's needed. Fast. Precise. Reliable.

DYNAPAC FEATURES THAT TRULY MAKE A DIFFERENCE ON-SITE

Experience unmatched reliability with the most robust conveyor belt on the market – engineered for extreme durability and equipped with a continuous cleaning function and an integrated spray system to reduce maintenance and minimize downtime.

The SwingApp offers a feeding height range from 3.6 ft to 13.6 ft and can be replaced in under 15 minutes, ensuring maximum uptime.

For full control and visibility, the operator's cabin hydraulically lifts by up to 3.3 ft, providing an excellent all-around view. Digital assist systems streamline your workflow – and best of all, all functions are operated directly from the cabin. No need to step outside, ensuring maximum safety and efficiency.

From a Higher Point of View

Material Feeder Series. Three powerful machines, with or without SwingApp, to choose from. Each tailored to meet your special paving needs.



Spotlight on the IMIX – unmatched material mix for exceptional paving quality.



MF2500CS

- Standard high-performance feeder
- Compatible with SwingApp for added flexibility

MF2500CM

- Features a longer end piece for smooth feeding on curves and tight spaces
- Offers greater reach without needing a SwingApp

MF2500CS IMIX

- Advanced two-stage mixing system
- Eliminates material and thermal segregation
- Delivers top-quality mats for demanding projects


PAC
MIX



Lift. See. Lead.

All MF2500 models feature a Liftable Operator Platform, raising up to one metre for a clear view of the jobsite and material flow. This added height boosts awareness and precision for safer, more efficient paving.

CLEAR VIEW, ELEVATED CONTROL
You benefit from a liftable platform that raises the cabin up, giving you a commanding view of the entire paving process. This enhanced visibility helps spot issues early, coordinate better with trucks, and work more safely – especially on curves or complex jobsites.

STAY WHERE YOU ARE
You don't need to access danger zones during operations with the liftable platform and the optional camera system.
And of course: you stay protected from wind, rain and sun with the integrated weather house option and the tinted side window.

STAY COMFORTABLE, STAY IN CONTROL
The MF2500 platform is made for operators – with excellent visibility, smart seating, and intuitive operation.
Feel at home right away in the classic Dynapac cabin, with optimized features for feeder operation.

- Talk to truck and paver drivers with ease
- Monitor material flow in real time
- Adjust your seat up to 90° for the perfect view
- Lift the platform up to 3.3 ft hidraulically for maximum visibility
- Optional cameras enhance your field of view even more
- Everything you need for smooth, safe, and efficient operation – right at your fingertips
- Accessible from both sides, the platform allows safeentry and helps avoid unsafe movement around the machine





Intuitive & familiar interface – your operator dashboard

PROVEN DYNAPAC SD2500 DASHBOARD, TAILORED FOR FEEDER OPERATION

You'll feel right at home with the familiar layout, featuring smart adjustments that make feeder work easier. Less training time, fewer mistakes – your team gets up to speed fast.

EVERYTHING AT YOUR FINGERTIPS – WITH AN OPTIMIZED BUTTON LAYOUT

No need to stretch or search.
Every control is right where you need it, so you can react faster and work smoother.

TAKE COMMAND – WITH THE MULTIFUNCTIONAL JOYSTICK

With just one hand, you control it all. Intuitive, comfortable, and precise – exactly how it should be.

- Feeding speed control
- Automatic feeding mode for automatic belt speed and filling level control
- DistanceAssist
- SwingApp controls
- Drive controls



Everything within Reach

The Dynapac Operator Dashboard is more than just a control panel – it's a smart feeding assistant that enhances efficiency, precision, and operator comfort, ensuring flawless results on every project.





It just keeps Going and Going and Going…

At the heart of the MF2500 series is the uniquely durable and ultra-stable conveyor.

At the core of your feeding operation is the conveyor – and with Dynapac, you're choosing a system built for the long haul. The conveyor on the MF2500 and SW6500 is engineered for unmatched durability, delivering up to 3,500 - 5,000 hours of consistent performance, job after job.

Thanks to its reinforced rubber surface, metal stiffeners, and double-chain support, this system stands up to heat, impact, and abrasion with ease.

Whether you're working with asphalt, gravel, or RCC, you can count on smooth material flow with maximum uptime and minimal maintenance.

Dynapac's conveyor system isn't just tough – it's built smart. Its robust construction ensures long service life while maintaining flexibility under pressure. That means less wear, fewer repairs, and more time paving. Whatever the conditions, you stay productive and in control.

Up to 3,500 - 5,000 hours of consistent performance.

Stirred, not Shaken: the Perfect IMIX

The MF2500CS IMIX is a two-stage mixing solution, designed to elimate thermal and material segregation, ensuring a consistent asphalt mix from the first load to the last.

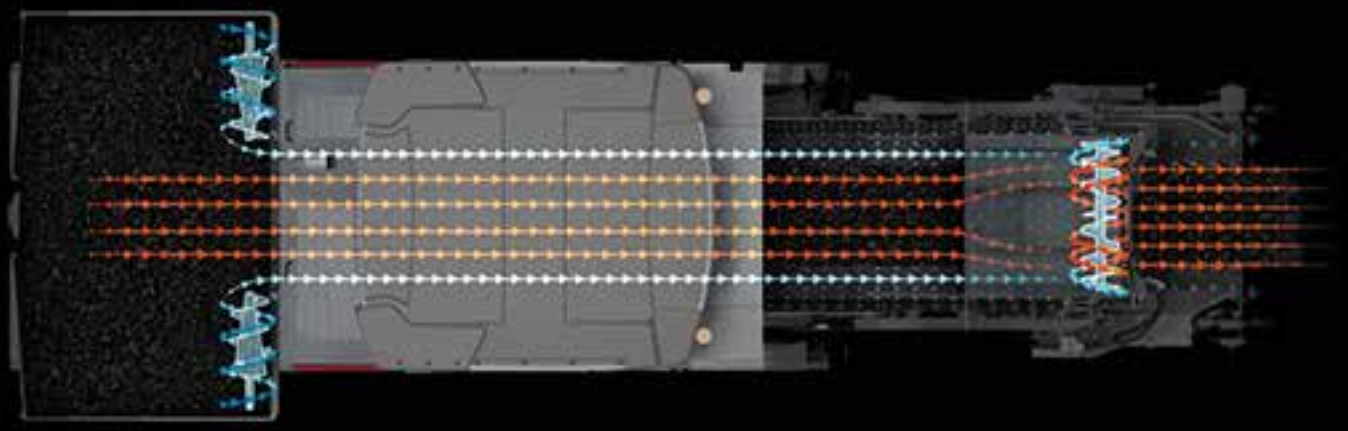
Whether you're paving highways, race tracks, air parks, or demanding urban projects, IMIX ensures that every ton of material maintains the right temperature, particle distribution, and flow – delivering smoother mats, stronger structures, and longer-lasting results. It's a system that doesn't just mix materials – it mixes reliability with performance.

STAGE 1

Positioned at the outer areas of the conveyor belt, the augers actively transport colder, segregated material from the sides toward the center of the belt. This blending action helps balance temperature zones within the mix and reduces coarse-fine particle separation.The augers work continu-ously to ensure that material entering the final mixing stage is as uniform as possible.

STAGE 2

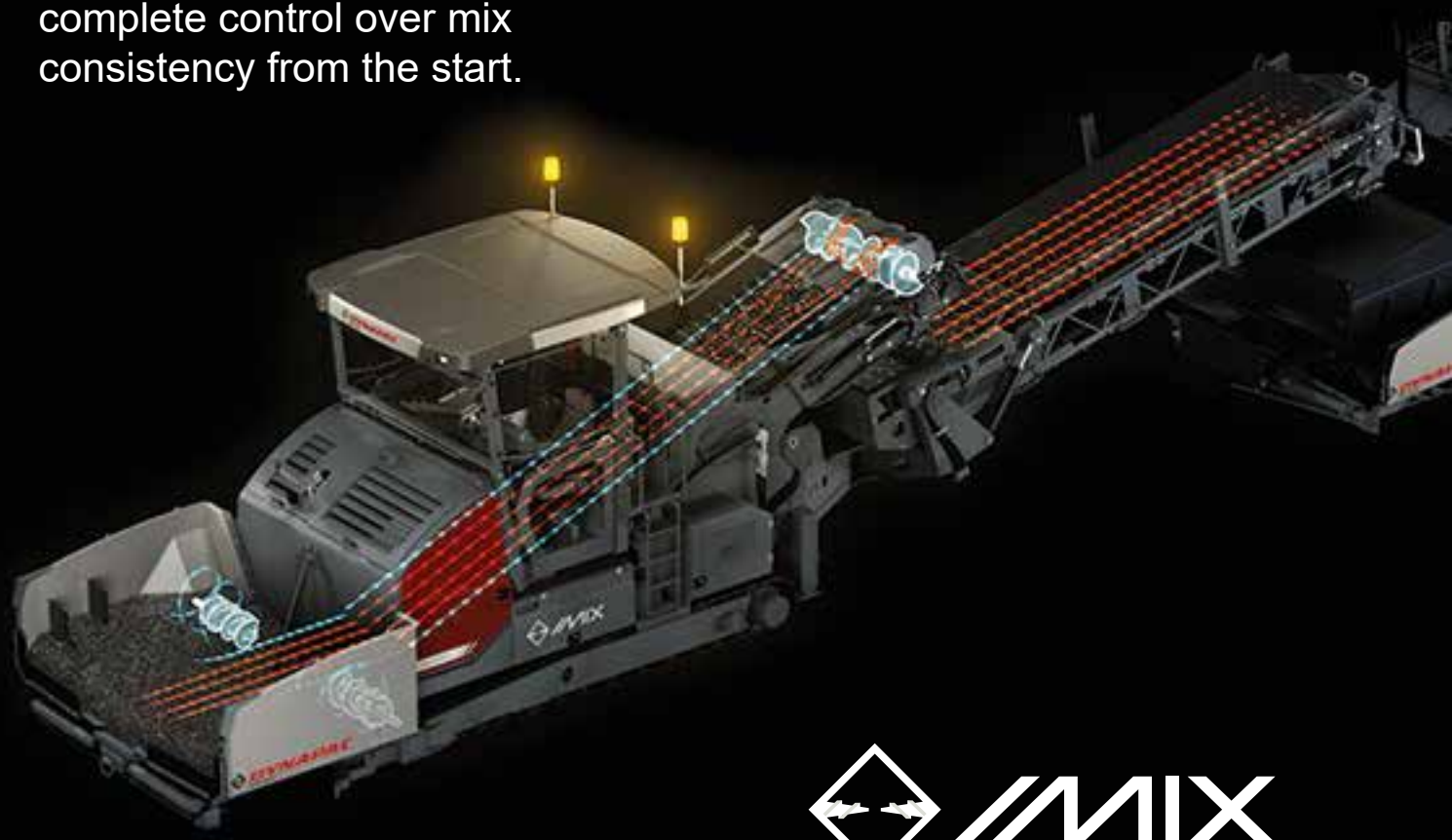
A central flow divider splits the pre-mixed material into two separate streams. These streams are then recombined by three high-strength augers located at the end of the main conveyor.
The augers thoroughly re-blend the material into a single, uniform stream before delivery to the paver.



Stage 1

Stage 2

Ready for low-temperature applications – giving you complete control over mix consistency from the start.




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Turning Corners with Flexibility & Foresights

With maximum 110º feeding angle the SW6500 SwingApp transforms the MF2500CS into highly adapted feeder.

Dynapac's offset solution – built for your toughest layouts. Tight spaces, curves, or side-by-side paving? The SW6500 SwingApp gives you the flexibility to feed precisely – without moving the feeder.
More control. Less hassle. Maximum efficiency.

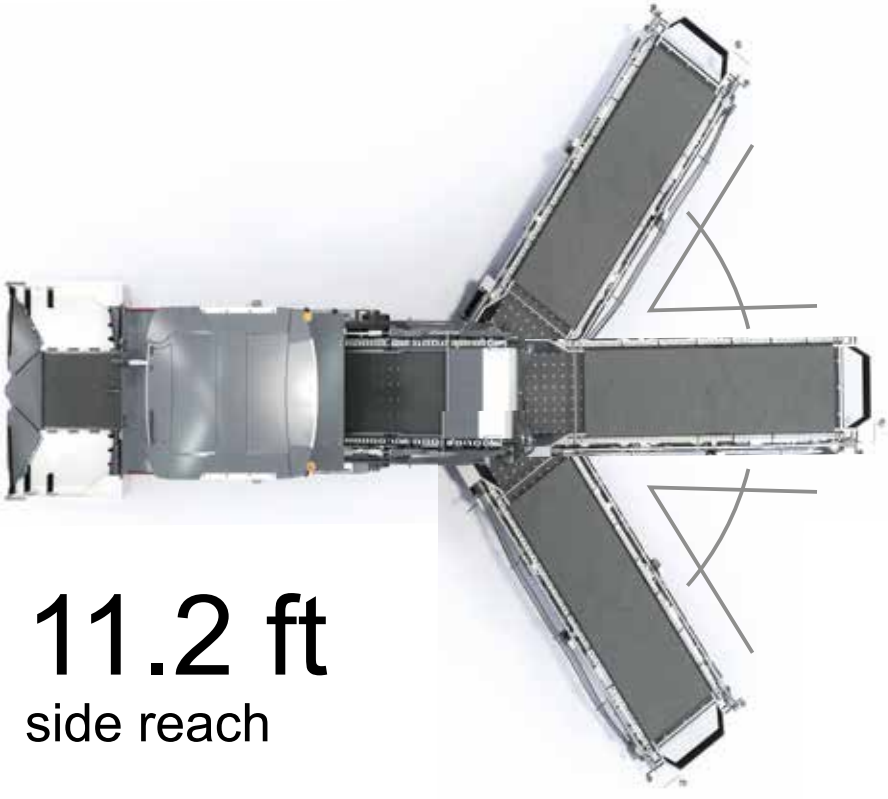
Stay in position while feeding offset, in curves, or confined areas. The smart choice for complex sites and multi-lane work.

With the hydraulic mounting system, you can install or remove the SwingApp in just 15 minutes – no cranes, no extra tools needed. Whether it's a routine job or a special setup, your crew stays fast, flexible, and productive.

Quick Setup. Maximum Uptime.



3.7 ft / 13.5 ft height



55º
swing

11.2 ft
side reach

55º
swing

See Beyond with the Third Eye

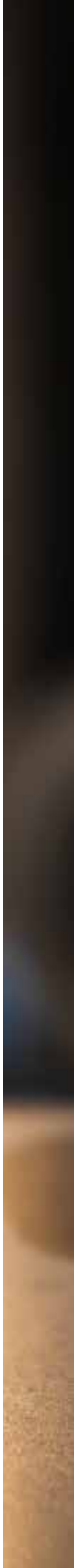
Improve visibility and control with additional cameras and sensors, designed to enhance material flow monitoring and increase operational awareness.

With Dynapac's camera system, you see everything — even the blind spots. That means more confidence, smoother operation, and a safer job site.

- Roof camera – get a full overview of your surroundings
- Belt-end camera – precices material flow monitoring
- Undermachine camera – boost visibility and safety where it matters most

Let smart sensors do the thinking for you. Our intelligent sensor system lightens your workload by handling the fine details automatically.

- Sensors adjust belt feeding speed in real time
- Automatic filling control ensures consistent performance
- You get precise, reliable material flow – without constant manual input





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Let Assistance Work for You

Benefit from the full support of automated systems.

Distance Assist

The distance to the paver and the feeder speed are automatically regulated by a reliable sensor, keeping the Dynapac MF2500 on track. This allows the operator to focus on material feeding, ensuring maximum efficiency and quality. An LED bar on the feeder canopy keeps the paver driver constantly informed about the DistanceAssist system status.

Truck Assist

Dynapac's TruckAssist system simplifies communication between the feeder and truck driver, ensuring safe and accurate docking. It uses two durable LED bars mounted on the hopper edges.

Swing Assist

With the optional SwingAssist the SwingApp height and angle as well as the feeder positions can be memorized and recalled easily by pressing a button.

Light Assist

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. Additional side lights allow a more convenient and safe loading on the truck.

Dynapac is a leading supplier of high-tech soil and asphalt rollers, light equipment, and pavers committed to strengthening customer performance by being a partner on the road ahead. Dynapac is represented worldwide via its regional sales- and service offices and cooperates with an extensive and professional distribution network. Headquartered in Wardenburg, Germany, Dynapac has production facilities in Europe, South America and Asia. Dynapac is part of the FAYAT Group.

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