



Bordeaux, April 3, 2024

INTERMAT 2024 FAYAT PRESS RELEASE

April 3, 2024

The Road Equipment Division at FAYAT Group, a French family-owned company and world leader in road equipment, does its utmost to offer its clients sustainable equipment and solutions for road construction, maintenance and rehabilitation.

The brands appearing at INTERMAT 2024 - BOMAG, DYNAPAC, ERMONT, MARINI, SAE and SECMAIR - are showcasing their latest innovations for every stage of the road life cycle with solutions for asphalt production, application and compaction, road maintenance, sweeping, cold milling, stabilization & recycling, and soil compaction.



Four interdependent pillars are combined to meet the challenge of decarbonisation:

- Machine efficiency
- Process efficiency
- Operator efficiency
- Alternative energy sources

Machine efficiency

Machine efficiency is achieved by incorporating the best optimized components.

DYNAPAC's **Seismic Asphalt** system is a prime example of this approach. Extremely easy to use and quiet both inside and outside the cab, it ensures better-quality compaction because the system adapts its effort to the actual state of the asphalt, and greater efficiency because it uses just the amount of energy that is actually needed. The solution is applicable to the entire range of Dynapac rollers over 7 tons. DYNAPAC offers a new range of rollers from 7 to 10 tons: the CX9 - a new 9.5 ton VT2 pivot roller, new combi rollers for the pivot version, new options such as a 360° camera with pedestrian detection, an extended range of trimmers, and a single Human-Machine Interface for the entire range of rollers over 7 tons. We invite you to enjoy an immersive experience in a latest-generation DYNAPAC compactor or feeder by trying out the brand new VRX1 simulator which will be featured on our stand.



Similarly, the **EvoDryer** is MARINI's latest solution designed to offer customers market-leading technology for introducing asphalt aggregates into the recycling ring. The MARINI Evodryer's main customer benefits are: higher RAP %, low emission levels, better final asphalt performance, lower maintenance and fewer odors.



SAE's turnkey **cold-mix kit** for hot-mix asphalt plants can be easily integrated into any manufacturer's existing plant, by retrofitting or as part of a new project, thanks to its independent component-metering systems and its automated control system, which can be adapted to any existing system, or even operate independently. This innovation offers outputs of up to 200 t/h in single or double coating, and recycling rates of up to 100%. These cold mixes, which are by definition carbon-free products, emit no gases or fumes during application. In addition to reduced raw material and transport requirements, the aggregates and bitumen require no drying or heating and the compact, containerized format provides a small footprint and reduced height, with minimal need for concrete foundations.



Process efficiency

Process efficiency is based on optimizing flows on the jobsite by integrating the choice of the right equipment or combining the right connected equipment.



Today, and even more so in the future, supervisory staff working in the field must cope with an ever-increasing number of pressing demands. Using BOMAG **Asphalt Pro** to digitalize the entire asphalt project process improves planning, optimization and adaptation, while informing all the players involved in real time, making the jobsite 4.0 concept a reality. Work on the jobsite runs more smoothly, the demands placed on staff and equipment are optimized, and quality and productivity are boosted while reducing carbon emissions.

The patented Ermont **TSX** technology, used on the stationary (TSX InCity) and supermobile (TSX HIGHWAY) asphalt plant ranges, is a one-of-a-kind, environmentally friendly, continuous-mix technology, capable of recycling up to 70% of recycled asphalt pavement (RAP) with a single drum, while ensuring environmental protection and producing high-quality hot mix asphalt.



TSX technology itself features two patented processes: the DUOTHERM process, combining heat exchanges between recycled asphalt pavement and slightly heated aggregates, and between asphalt aggregates and gases at moderate temperatures that previously exchanged with the aggregates, resulting in low atmospheric emissions, below current regulations; and the ECOFIRE process - a world first - which recovers energy from flue gases and feeds it back into the burner to optimize combustion and therefore reduce energy consumption.

Operator efficiency



Operator efficiency relies on trained drivers and/or autonomous systems to enable the intelligent and productive use of machines.

These days, it is increasingly difficult for civil works contractors to recruit and retain their equipment operators. The new BOMAG **myCOCKPIT** "human-machine" interface - winner of the "German Design Award 2023" - offers three modern and customizable control concepts. myCOCKPIT has made these machines much more attractive to new generations, while remaining perfectly accessible to previous generations.

Use of alternative energy sources

The use of alternative energy sources, produced by carbon-free or low-carbon processes, reduces CO₂ emissions further.

Today, many companies still consider that the decarbonization of their fleets is complicated by the lack of suitable equipment on offer. BOMAG's **BW 120 ADe-5** electric tandem roller - part of the "e-Performance" range producing zero emissions and maximum performance - meets these expectations with the added benefit of being virtually maintenance-free.



DYNAPAC's **SD1800We** battery-powered paver-finisher - part of the Z.ERA range - offers several benefits: it is economical thanks to its new track technology, produces zero emissions and low noise levels on site, and is ideal for urban use, thanks to its 98kWh battery and minimum 5-hour operating time.



THE BOX is our first 100% electric sprayer.

With 8 hours of charging, you can work autonomously for two days. This autonomy is further enhanced by the solar panels fitted as standard on the roof, which allow you to regain half a charge on a sunny day. The thermal performance of the emulsion tank is double that of the other products in our range. The thermal performance achieved means there is no need for a heating system, which consumes a lot of fossil fuels and emits CO₂.

For urban applications, THE BOX has other advantages: it operates quietly and looks more like a delivery truck than a road maintenance machine. For users, it's a machine with a host of jobsite-oriented features.





The employees of **FAYAT Group's** Road Equipment Division brands - **BOMAG, DYNAPAC, ERMONT, MARINI, SAE and SECMAIR** - will be delighted to welcome you to the FAYAT stand at INTERMAT 2024 and to share all our information on what we are doing as a company to meet the challenges of decarbonization, throughout the entire road life cycle.

INTERMAT– Paris Nord, Villepinte
FAYAT GROUP
Pavilion 5a
Booth C134 - Indoors
April 24- 27, 2024

ABOUT THE FAYAT GROUP

The Fayat Group, a French family-owned company operating in 170 countries and employing more than 23,500 dedicated staff, provides innovative and sustainable solutions for its customers worldwide in its seven major specialised activities: Civil Works, Foundations, Building, Energy Services, Metal, Pressure Vessels and Road Equipment.

In 2023, the Group generated €5.7 billion in turnover.

www.fayat.com

Press contact:

FAYAT

Stéphane Guillon, Group Marketing & Communication Director

Mobile : +33 (0)6 38 29 07 24

s.guillon@fayat.com

FAYAT - SAS au capital de 120 000 000 €

137 rue du Palais Gallien - CS 22093 - 33081 Bordeaux Cedex

Tél. +33 (0)5 56 00 21 00 - Fax +33 (0)5 56 51 60 47 - info@fayat.com - www.fayat.com

RCS bordeaux 595 750 589 - NAF 7010 Z - N° TVA CEE FR 07 595 750 589

ROAD TO SUSTAINABILITY

Road equipment & solutions by FAYAT



 **BOMAG**
FAYAT GROUP

 **ERMONT**
FAYAT GROUP

 **SAE**
FAYAT GROUP

 **DYNAPAC**
FAYAT GROUP

 **MARINI**
FAYAT GROUP

 **SECMAIR**
FAYAT GROUP

fayat.com/intermat

FAYAT
Pavilion 5a
Booth C134

2024
**iNTER
MAT.**

PARIS-NORD VILLEPINTE
APRIL 24-27, 2024

The exhibition for
sustainable solutions and
technologies for construction