

LIFTING

TOMORROW

International Information Magazine of the **FASSI GROUP**

Innovation in Action

New for the medium-duty range

Designed to bring innovation to the construction world - the new F490SE, F150A.2 e-dynamic and the F160A.2 xe-dynamic are coming to the market.

International updates

Interview with Thomas Moucka, general manager of Fassi Deutschland, the news from Fassi Asia Pacific and the first F1250R-HXP TECHNO in Finland.

Calendar

For the 2025 edition of its calendar, Fassi has chosen to collaborate creatively with the students of the Leica Akademie in Athens.



FASSI



Share your photos of Fassi cranes at work with us



Fassi cranes operate worldwide in new and diverse sectors and locations. Their stories speak through the images sent by dealers and clients spread over five continents and posted over several months on Instagram. In this section, we have chosen and shared the posts (with the five Fassi hashtags) that have received the most likes in the period from January to June 2024.



#fassicrane
geurtstrucks
522 likes



#fassicranes
fassiofficial
802 likes



#fassicfriday
fassiuk
49 likes



#fassicgroup
fassi_de
63 likes



#fassicgru
Fassicgrufirenze
332 likes



Recounting innovation: the challenge and choices of this magazine



For over 15 years, this magazine has had the mission of recounting the constant drive towards innovation and change in the Fassi Group. Each issue reflects a series of choices, each magazine has a flavour, a theme that gradually emerges between the pages and in some way represents the overall identity of the magazine you are browsing. This edition is extremely telling of the dynamism and the non-stop expansion process that the company is pursuing due to its leadership in innovation, balancing evolution and sustainability. This is clearly illustrated in the article you will read on our FADAS, the Fassi Dynamic Assistance System. An intelligent companion at the operator's service in every manoeuvre, FADAS guarantees unprecedented safety and precision and effectively creates a parallel between the automotive ADAS standard and the world of articulated cranes. FADAS is a fundamental piece of a larger puzzle, that of the Internet of Cranes (IoC), a global network of intelligent cranes that communicate with each other, share data and learn from experience. An ever-evolving ecosystem that allows you to optimise performance, prevent failures and ensure maximum operational efficiency. Another significant example of this approach to growth can be found in the report on the FSC TECHNO system, which represents a significant advance in the management of crane stability and performance, especially in tight spaces and on uneven terrain. Thanks to continuous pressure monitoring and pressure stability management, cranes maintain optimal performance and high levels of safety. Then there is the story dedicated to the new crane models coming to the market. The new F490SE crane is an emblem of the Fassi brand, a concentration of technology and innovation, designed to face the most demanding challenges of the construction sector, particularly in the US market. And for those looking for versatility and adaptability, the F150A.2 e-dynamic and F160A.2 xe-dynamic models are the answer. Compact, lightweight and easy to install, these cranes offer exceptional performance in all conditions, ensuring maximum operational efficiency and maximum safety for operators.

But that's not all. In our story about the dynamism of our group you will find many other ventures, such as the achievement of the prestigious DOSH certification (issued by the Malaysian Department of Occupational Safety and Health) obtained by Fassi Asia Pacific. You will then travel from Malaysia to Germany to discover what happens behind the scenes at Fassi Deutschland, where the ability to combine Italian style and innovation merges with the efficiency of a team ready to respond specifically to the needs of the German territory, offering customers an impeccable service.

And there is still more to discover, with the celebration of the beauty and art of lifting through Fassi Crane Art and the stories dedicated to the distinctive features and industrial skills of Marrel, Cranab and Forez-Bennes. As you delve into the pages of this magazine, you will discover the latest stages of the extraordinary and continuous journey that Fassi is undertaking, together with you, to shape the future of lifting in every part of the world.

In Focus



P. 06

The new F490SE, F150A.2 e-dynamic and F160A.2 xe-dynamic for the construction industry

The F150A.2 and the F160A.2 offer compact and powerful solutions for flexible applications; the F490SE excels in handling plasterboard panels, combining power, precision and comfort.



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The new era of safety and automation in Fassi cranes

The advanced technology of Fassi Advanced Driver Assistance Systems (FADAS) revolutionise crane operational efficiency, improving safety and reducing environmental impact.



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What's new from Marrel and Cranab

Marrel, with over 100 years of experience, aims for constant improvement. Slagkraft, a Fassi Group company, is a world leader in road maintenance technology.



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Fassi Asia Pacific obtains prestigious DOSH certification

Thanks to the licence for truck-mounted cranes received from the Malaysian Department of Occupational Safety and Health (DOSH), Fassi Asia Pacific will also be able to sell its cranes in Malaysia.



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NEW



#FassiCrane

THE NEW F490SE: POWER, PRECISION AND COMFORT FOR THE CONSTRUCTION SECTOR

Designed to meet the specific needs of handling plasterboard panels, the F490SE marks a new milestone in the range of cranes for the construction industry in USA

NEW PRODUCT

Imagine a crane capable of tackling the most complex challenges of the modern construction site, offering a perfect combination of power, precision and operator comfort. This is what Fassi has achieved with the F490SE for the US market. The result of years of innovation and technological development, this crane stands out not only for its high performance, but also for its ability to adapt to the most demanding operating conditions, always guaranteeing maximum reliability.

With a maximum capacity of approximately 820 kg at a vertical extension of almost 27.5 metres, the F490SE is perfect for operations that require lifting at great heights, such as transporting drywall up to the eighth floor of a building. This feature provides a significant competitive advantage, as it enables the crane to cover greater heights than other drywall-carrying models in its category.

Another distinctive feature of the F490SE is its double-linkage structure, which allows it to maintain an optimal lifting moment, even when the crane is fully extended horizontally. This unique design avoids the reduction in capacity seen on many competing models, making the F490SE particularly efficient even in tight spaces or when high precision is required to position loads.

Technical features

The F490SE is equipped with an advanced control system that includes radio remote control or electronic joystick, eliminating the need for mechanical controls and improving precision and safety. The crane is designed according to the requirements of the European EN12999 standard: HC1-HD5/S2, ensuring high standards of safety and reliability.

Technical specifications include:

- A lifting moment of 49 tm.
- A main boom with 2 extensions and a secondary boom with 4 extensions, offering great operational flexibility.



- A rack and pinion rotation system with an angle of 420 degrees, enabling a wide range of movements with precision.
- A braking system with load blocking valves and load moment limiting device, which improves safety during lifting operations.

Ergonomics and comfort

The F490SE stands out not only for its technical capabilities, but also for operator comfort. The SE932 seat offers greater comfort and support thanks to the customisable adjustment of the backrest, armrests and shock absorbers.

The CAN-bus joystick control system guarantees precise and intuitive control of the crane's functions, with IP66 protection that allows it to be used in difficult outdoor conditions.



Fassi Crane **F490SE**





NEW



Fassi has developed these new cranes to meet the increasingly specific needs of the market. With a medium-high range lifting class and a compact design, the F150A.2 and F160A.2 models are perfect for applications that require precise interventions



#FassiCranes

TWO NEW FASSI CRANES FOR THE CONSTRUCTION SECTOR: THE **F150A.2** AND THE **F160A.2**



With the introduction of two new crane models for the construction sector, the F150A.2 e-dynamic and the F160A.2 xe-dynamic, Fassi is focusing on the three strengths of versatility, efficiency and compactness. These models represent the culmination of a careful evolutionary process, following the success of their predecessors the F175A.1, the F185A.1 and the F195A.1. Both new cranes feature a high-end lifting class: HC1-HD4/S2 for the F150A.2 model and HC1-HD5/S2 for the F160A.2 model, making them **extremely compact and ideal for optimising setups on vehicles of various sizes.**



The new range is specifically designed for applications in the construction, quarrying and other sectors where large quantities of material need to be lifted and moved efficiently and precisely.

Technical features and setups

One of the main innovations of these models is the ergonomics and accessibility of the controls. The position of the distributors for controlling the stabilisers has been optimised, with the distributors now positioned above the levers of the standard distributor, one on the right side and the other on the left side, facilitating work at height. Furthermore, the design has been improved by the introduction of protective casings that not only provide greater protection to the systems and components, but also improve the aesthetics of the product.

Customisation options and accessories

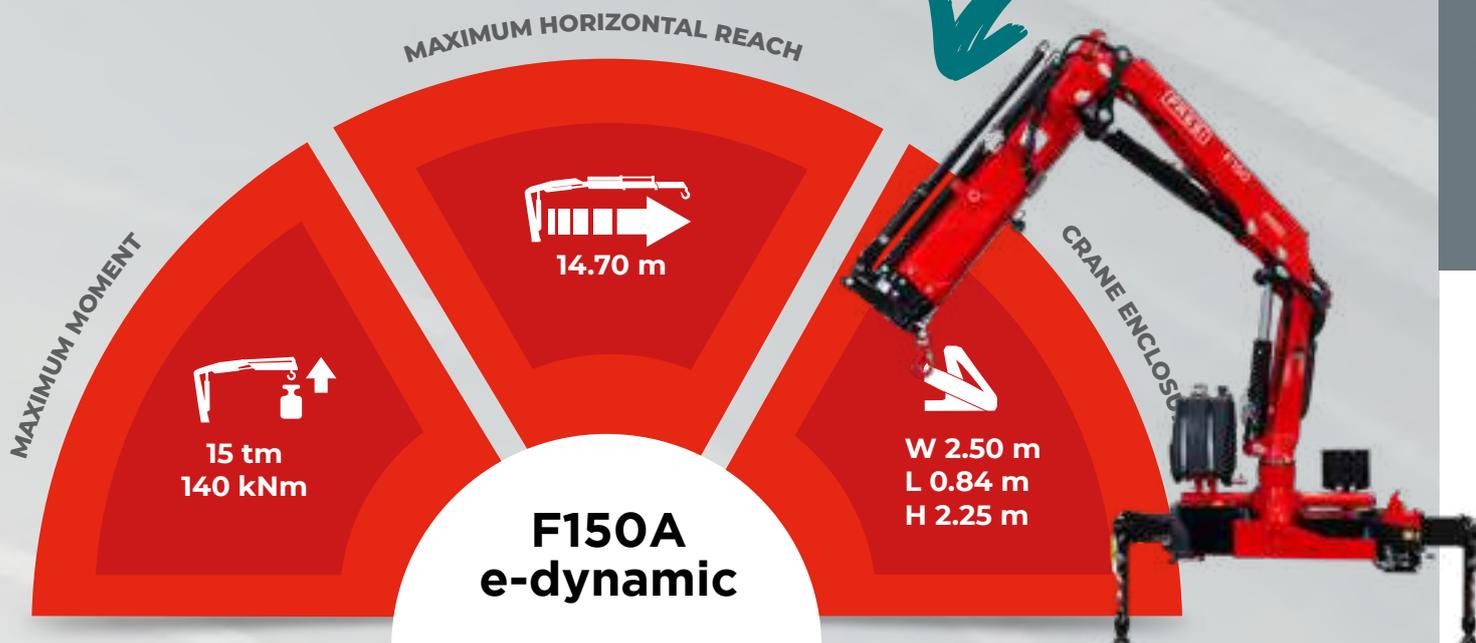
The new Fassi models offer a wide range of customisations. They are available with different boom configurations (from two to five hydraulic extensions with manual extension) and versions with radio-controlled stabilisers, offering flexibility both in terms of configuration and operation in the field.

It is also possible to install a third raised control station, guaranteeing ergonomic and spacious access for the operator.

Sustainability and practicality

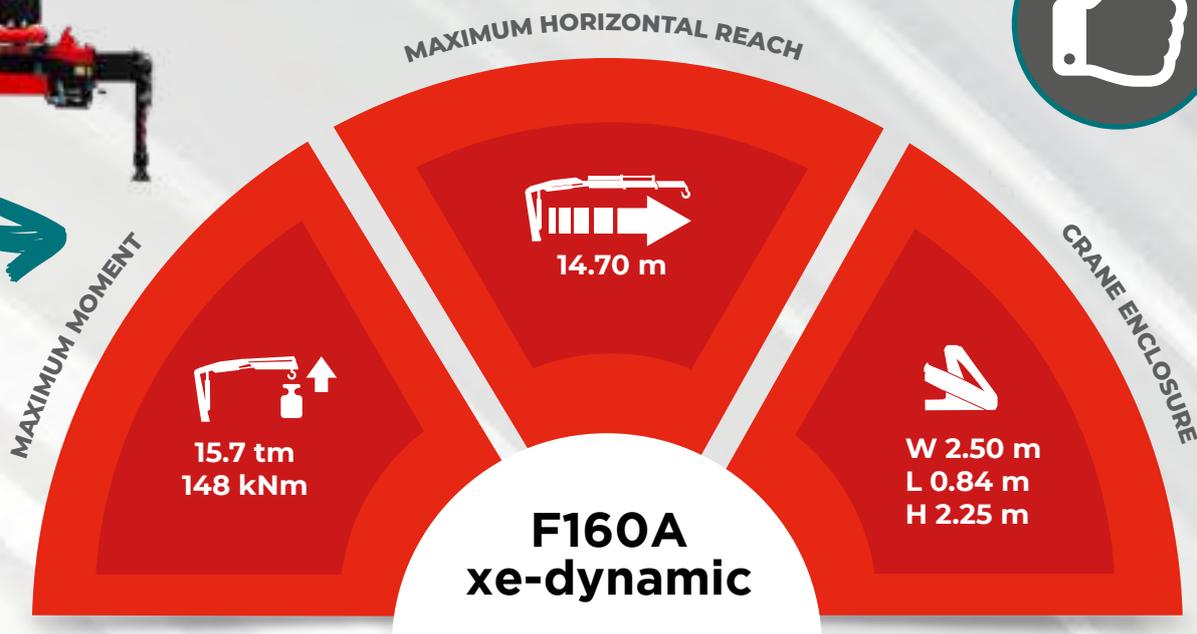
The F150A.2 and F160A.2 models are equipped with systems that facilitate their use and maintenance. For example, the hydraulic filter is now positioned externally for easier replacement, and the centralised greasing system facilitates regular maintenance.

Fassi Crane F150A.2 and F160A.2



Standard outfitting

- e-dynamic set-up for the F150A.2 and xe-dynamic for the F160A.2
- Digital radio remote control digital (RCS or RCH as desired)
- FX500 electronic moment limiter with control panel
- XP device
- D850 digital Flow Sharing proportional distributor (including pressure filter) with four elements
- Manually extendable standard stabilisers
- Hydraulic Prolink system with secondary boom raising 15° above horizontal
- 8-tonne swivel hook





FADAS, THE NEW ERA OF SAFETY AND AUTOMATION IN FASSI CRANES

The advanced technologies of Fassi Advanced Driver Assistance Systems (FADAS) revolutionise the operational efficiency of cranes, improving safety and automation.

With functions such as cabin collision detection and automatic movement, Fassi brings cranes into the future

Introducing Fassi Advanced Driver Assistance System, or more simply, **FADAS**. In this acronym, Fassi has encapsulated a universe of advanced technology, designed to revolutionise the operational efficiency of cranes, improving safety and automation.

FADAS technology represents a leap forward in the safety and efficiency of modern cranes. Thanks to integrated automation, crane use becomes more efficient and sustainable, reducing stress for operators and optimising the management of time and crane movements. Connecting via the Internet of Cranes (IoC) opens the door to a new era of intelligent cranes that communicate with each other, simplifying operations and increasing productivity.

One of the most notable innovations is Cabin Collision Detection (CCD), **an automated system that prevents crane boom movements that could cause accidental contact with the truck cabin. This device is essential for preventing damage and ensuring safe and smooth operations.**





The Automatic Crane Movement (ACM) system takes operational efficiency to a new level, enabling semi-automatic work cycles, such as vertical load lifting. This is particularly useful for applications such as waste collection, reducing the time and effort required for daily operations.

Another very interesting innovation is **Automatic Crane Folding (ACF), which allows the crane to be opened and closed completely automatically, significantly simplifying operations before and after the lifting activity performed by the crane.** With ACF, putting the crane into

operation becomes child's play. Automatic Winch Control (AWC) ensures that the distance between the pulley and the hook remains constant, regardless of the operation in progress. This allows the load to be kept at a stable height from the ground in a single operation, improving precision and safety.

Finally, **the Grab Automatic Shake (GAS) system facilitates handling loose materials through rapid opening and closing clamshell bucket movements, ensuring gradual and controlled depositing of the material.** Fassi's FADAS technology

marks a significant step forward in the field of crane safety and automation. With the integration of the IoC and the advanced FX990 control unit, Fassi cranes are ready to face the challenges of the future with intelligence and innovation.

**A UNIVERSE OF
ADVANCED TECHNOLOGY,
DESIGNED TO
REVOLUTIONISE
THE OPERATIONAL
EFFICIENCY OF CRANES,
IMPROVING SAFETY AND
AUTOMATION**



SAFETY

- **Cabin Collision Detection (CCD):** Automatically prevents crane boom movements that could cause collisions with the truck cabin, avoiding damage and ensuring safe operations.
- **Automatic Crane Movement (ACM):** Enables semi-automatic work cycles, such as vertical load lifting, improving operational efficiency, particularly useful for waste collection.



AUTOMATION

- **Automatic Crane Folding (ACF):** *Allows the crane to open and close completely automatically, simplifying preparation and end-of-activity operations.
- **Automatic Winch Control (AWC):** Maintains a constant distance between the pulley and the hook, ensuring stability and precision in load handling.
- **Grab Automatic Shake (GAS):** Facilitates the handling of loose materials, ensuring gradual and controlled depot.





FSC TECHNO,
THE EVOLUTION
OF THE FASSI CRANE
STABILITY SYSTEM



#control



The Fassi FSC TECHNO system guarantees continuous stability and optimised performance in tight spaces and on uneven terrain. By integrating advanced technologies and remote control, it optimises performance in all conditions

Imagine having to operate a Fassi crane on a narrow road, with minimal manoeuvring space. Or having to lift heavy loads on uneven terrain, where every movement must be precise and safe. In these situations, the Fassi FSC TECHNO system becomes an irreplaceable tool, transforming complex challenges into smooth and safe operations.

We are talking about the innovative stability control system from Fassi that has marked a significant step forward in the management of the performance and safety of the new Fassi TECHNO range. The FSC TECHNO system integrates several advanced technologies to optimise stability and safety in a variety of operating conditions.

How? Thanks to continuous monitoring and control of the pressure in the crane lifting jacks. This allows a continuous increase in the extension of the stabilisers, thereby improving the lifting capacity. This stabilisation allows the system to automatically optimise the pressure limit in any stabilisation configuration.

One of the main features of the FSC TECHNO system is the management of stability with continuous pressure. This means that there are no performance inconsistencies between one stabilisation position and another.

The pressure remains constant over the entire work area, regardless of the stabilisation mode used. Furthermore, activating the electronic level guarantees greater safety and precision. The FSC TECHNO system is supported by an advanced tilt sensor. This sensor intervenes when the pressure limit is reached, unlocking a surplus of stability and ensuring safe manoeuvres even in difficult conditions. The tilt can be monitored and managed both in continuous pressure mode and by using the tilt sensor, offering a double operating mode that increases the possibilities of crane use.



NEW FX990 MOMENT LIMITER

Another crucial component of the system is the FX990 moment limiter, which makes the FSC TECHNO system information accessible via the FX991 radio remote control and display.

In addition, the system data can be viewed from any device via browser and wi-fi network and can be monitored remotely thanks to the IoC (Internet of Cranes), giving the operator total control, even from a distance.

One of the main advantages of the FSC TECHNO system is the possibility of customising the crane settings to meet the specific needs of the customer. After the crane has been installed and calibrated, dealers can





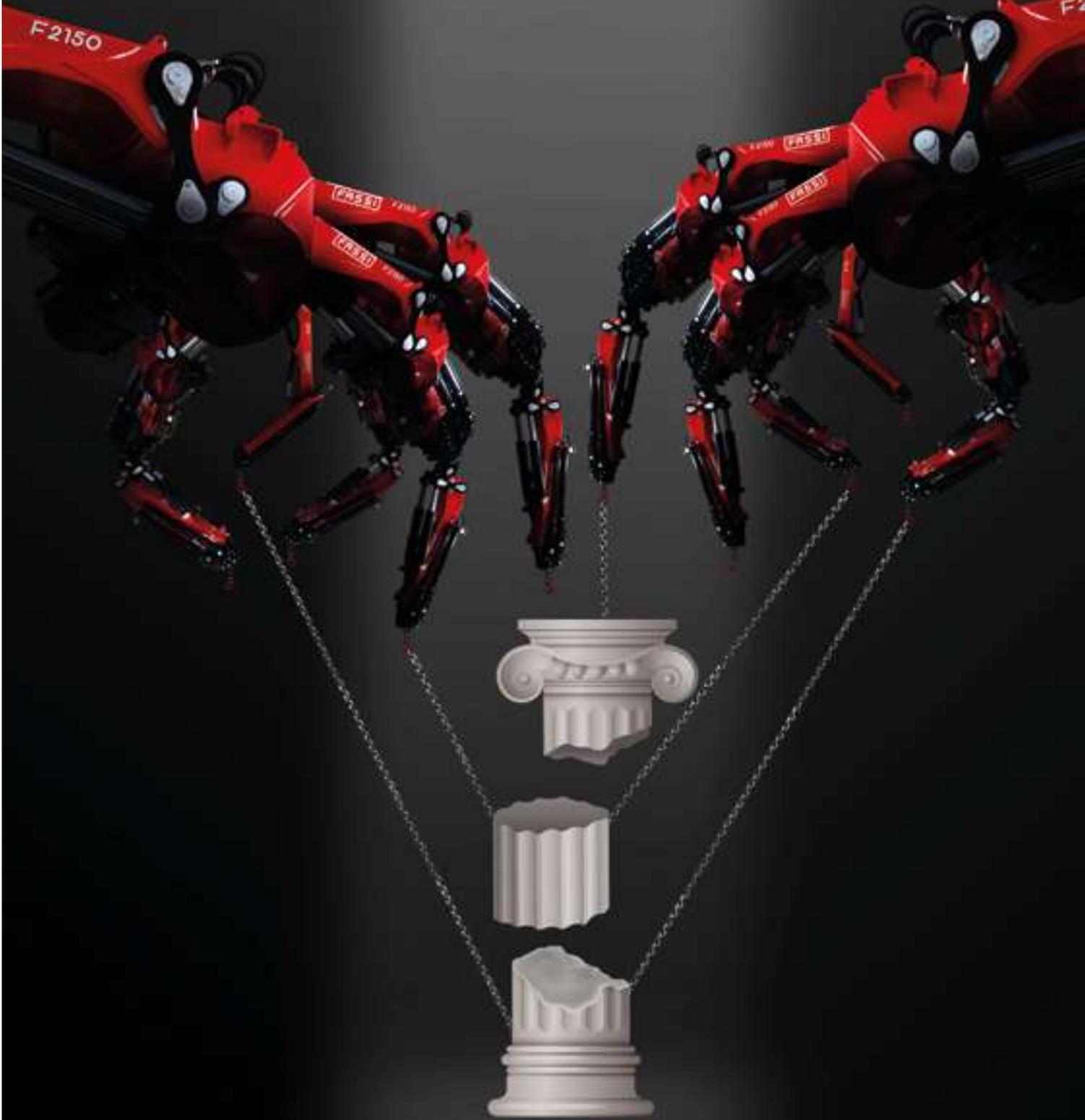
FX990

configure the system to optimise performance based on the customers' typical operating conditions.

This level of customisation ensures that each customer can get the maximum performance from their crane. **FSC TECHNO not only revolutionises the concept of stability in cranes, but also redefines the standards of customisation and safety, ensuring optimal performance in any operational context.** With these innovations, Fassi continues to confirm its leadership in the sector, always in step with market needs and with the most advanced technologies available.



#FassiCraneArt



THE 2025 EDITION OF FASSI CRANE ART SPEAKS GREEK

For the 2025 edition of its calendar, Fassi has chosen to collaborate creatively with students from the Leica Akademie in Athens. The students had the opportunity to interact with the cranes and give shape to sketches inspired by each of their own personal creative visions

There is a magic that surrounds our cranes, a spell that transforms metal and gears into poetry. It is in this universe of matter and dreams that students from the Leica Akademie of Creative Photography in Athens have immersed their visions, giving life to the “Fassi Crane Art” project for the creation of the Fassi 2025 calendar. “Fassi Crane Art” is a Fassi project that for years now has offered students from international photography schools the opportunity to discover the aesthetic and functional characteristics of Fassi cranes, reinterpreting them through the photographic lens, with personal points of view and artistic influences. It is a journey through ingenuity and creativity, where every shot tells a story, every image captures a fragment of industrial poetry.

The Leica Akademie students responded enthusiastically to this call. They presented 28 sketches, each a small universe of ideas, dreams and hopes. There was no set theme. Each student was free to interpret the theme of cranes as they saw fit, giving space to a variety of styles and influences. Some were inspired by non-contemporary works of art, others by the world of video games and current pop culture. Each one, starting from their own sketch, then transformed the idea into an image after visiting the Fassi factories and touching the cranes with their own hands.

The students, with their wide-ranging ideas and backgrounds, were able to interpret the theme of cranes in a unique and original way, promising a calendar that will not only be a visual

product, but also a collection of stories and passions. One student created a piece in which two crane arms lift parts of a classical column, symbolising a fusion between technology and history. Another student, a lover of classic video games, depicted a pixel art scene, where a Fassi crane interacts with game elements, simultaneously evoking a sense of nostalgia and modernity. A final image shows a young woman using part of the crane as a bow, combining strength and delicacy in one powerful shot.

The diversity of the students, ranging in age from 19 to 31, brought a wealth of experiences and cultural backgrounds that were reflected in their work. Each shot, each project became a piece of the mosaic of creativity that Fassi and the Leica Akademie were able to harness.



Vassilis Makris
Photography Teacher
at Leica Akademie Athens



Leica Akademie
Imittou 243, Athina 116 32, Greece

www.leica-academy.gr

“It is essential for students to have these experiences in the real world, because they are extremely valuable for their future careers. During this project with Fassi, they had the opportunity to build a solid and professional portfolio with the images they created. This training experience was comprehensive and immersive, providing the students with an idea of the skills and confidence needed to successfully face the challenges of the world of work, preparing them to become competent and innovative professionals in the field of photography and visual design.”





FASSI DEUTSCHLAND: ITALIAN INNOVATION AND GERMAN HEART AT THE CUSTOMER'S SERVICE

Interview with Thomas Moucka, General Manager of Fassi Deutschland, who explains how by combining Italian style and innovation with German heart, it is possible to offer customers an impeccable service



#FassiDeutschland



Thomas Moucka
General Manager
Fassi Deutschland



A unique mix of Italian style and innovation and German efficiency flows through the veins of Fassi Deutschland, creating a perfect alchemy that allows an excellent service to be built. Behind the scenes of this symphony of innovation and precision is Thomas Moucka, the general manager.

Through his words, we discover the secret of a company that is not content to simply follow the market, but anticipates it, shapes it, transforms it.

In Fassi Deutschland, “Made in Italy” innovation and style and the German heart co-exist. Tell us about how this German efficiency is applied to the daily work of Fassi Deutschland.

“Time is money” is a common motto in Germany. For this reason, it is essential for the Fassi customer to have a reliable partner who always tries to maximise outfitting efficiency during the sales, delivery, installation and after-sales service stages. A satisfied customer is the guarantee of Fassi’s success, and all of us, including the partners we work with and the dealers, are convinced and aware of this.

What do you think you have brought from your professional experience?

Knowledge of the customer, of their work, of how they use their cranes and what we can do to

Fassi Deutschland

Industriestraße 10, 63584 Gründau



www.fassi.de



increase their satisfaction. When you arrived at Fassi Deutschland, did you find fertile ground for your work? Having a “sense of family” or being “all for one and one for all” is a key part of our identity. This is the basis for great team success in the present and especially in the future.

What goals did you set for yourself when you arrived at Fassi Deutschland and what goals do you set today looking to the future?

Becoming a market leader.

Of the four pillars of Fassi Deutschland (people, service, technology and solutions),

service and people are distinctive elements. How have you structured your customer service to effectively respond to the needs of the German market and how do you put people at the heart of your organisation?

The most important decision criterion for our customers is proximity to their service partner, while price becomes a secondary factor. The key to our ambitious goals lies in having external partners who provide comprehensive and highly qualified support, taking care of the needs of Fassi customers. Developing and expanding this network, and supporting our partners

in their growth, is the mission of Fassi Deutschland, which we implement on a daily basis with our professional staff. In addition to continuously improving the service, creativity in proposing new solutions is a crucial factor for our success. These solutions make our customers even more competitive. Of course, all of this is only possible thanks to the motivated and highly qualified employees of Fassi Deutschland.

How and to what extent can the German market and its experience enhance the growth of the Fassi brand worldwide?



I am convinced that in order to grow, it is important to use best practices: to explore new avenues, starting from marketing and moving on to order management, up to offering global solutions to customers. Furthermore, it is essential to actively share this information within the Fassi organisation, to make it accessible to everyone.

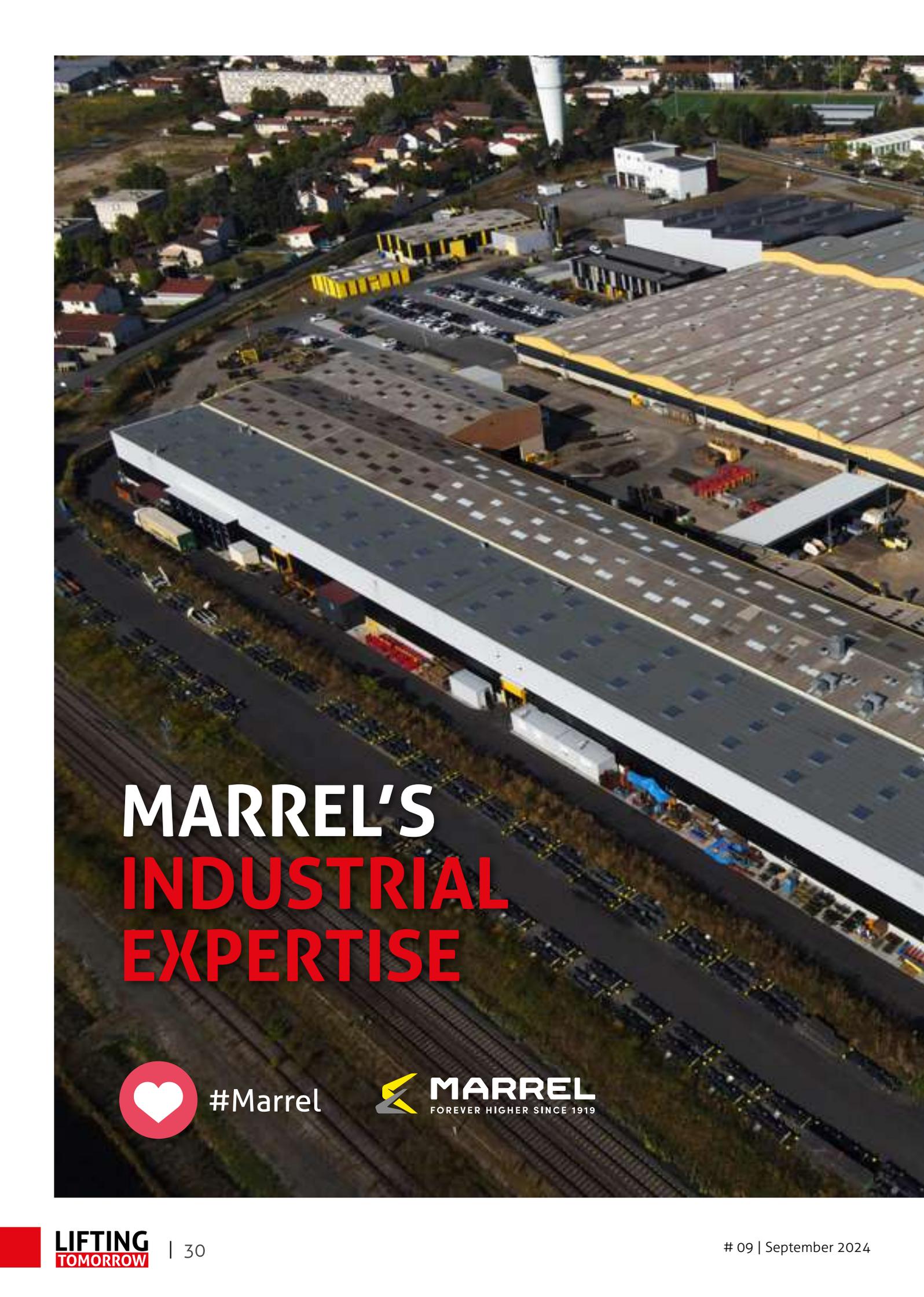
What are the main challenges that Fassi Deutschland is currently facing?

We are currently facing two main challenges: keeping employees motivated and fostering their professional development. It is essential that our team is always up to date and ready to face new market challenges, adopting an innovative and flexible approach. We continuously invest in the training and well-being of our employees. Our mission is to create a stimulating work environment that values skills and fosters individual and collective growth.

One of the most important events in the sector is Bauma, which takes place in Germany. How are you preparing for the next event in 2025?

We want to show our customers the best of Fassi. The new Fassi TECHNO range, new Marrel products and Cranab solutions are excellent innovations that add value and that is what we will present at the next Bauma.

A UNIQUE MIX OF ITALIAN
STYLE AND INNOVATION
AND GERMAN HEART FLOWS
THROUGH THE VEINS OF FASSI
DEUTSCHLAND, CREATING
A PERFECT ALCHEMY THAT
ALLOWS STAFF TO BUILD AN
EXCELLENT SERVICE



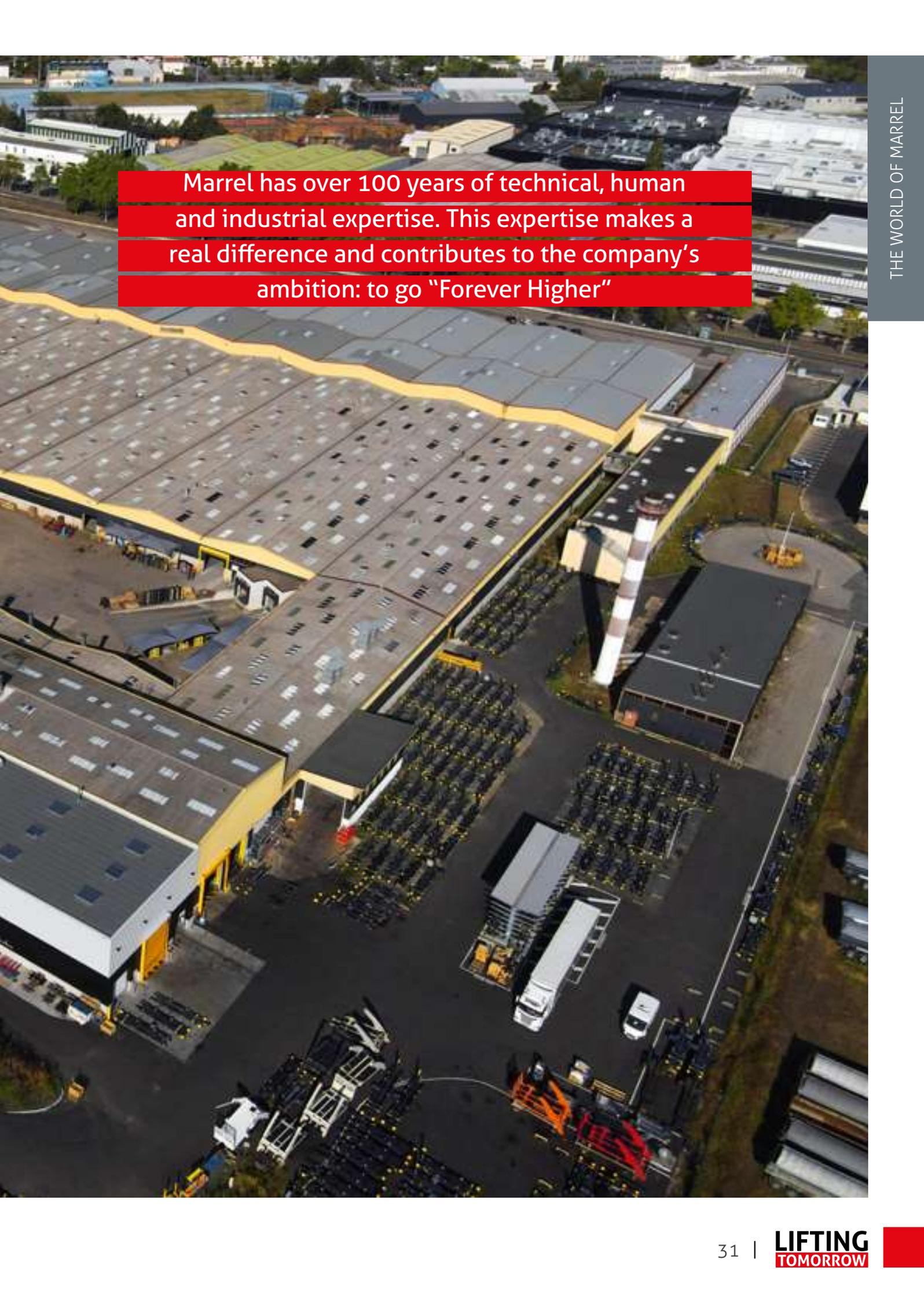
MARREL'S INDUSTRIAL EXPERTISE



#Marrel



MARREL
FOREVER HIGHER SINCE 1919



Marrel has over 100 years of technical, human and industrial expertise. This expertise makes a real difference and contributes to the company's ambition: to go "Forever Higher"

Where it all began

It was the company's expertise in hydraulics that made it take off and allowed it to establish itself on the market. From its beginnings with the boom and cable-operated tipper in 1919, to the now world-renowned innovations such as the Ampliroll® hooklift and the Multibenne® loader, Marrel is the specialist in hydraulic lifting equipment for industrial vehicles.

Discover where Marrel products come to life

All the products in the Marrel range are manufactured on a single 30,000 m² industrial site in Andrézieux-Bouthéon, France. The facilities here, newly expanded in 2023 (+ 3200 m²), bring together all the company's knowledge: from design, industrialisation, carpentry and mechanics, to painting and assembly lines and logistics services.

Over the years, the company has constantly invested in its industrial facilities to remain competitive, with a single goal: to produce better and produce more.

Among Marrel's latest purchases in 2022-2023 are:

- Dual spindle machine
- BYSTRONIC press brake machine
- Welding robots
- Automated conveyor belts for painting lines
- KARDEX automated storage towers

These investments have enabled Marrel to increase its production and storage capacities.

Coming soon

Marrel continues to invest to maintain its competitiveness and productivity.

The next big challenge for 2024 will be digitalisation, with the implementation of a WMS (Warehouse Management System) to control inventories and optimise production flow, a CMMS (Computerised Maintenance Management System) and a global "Safety Culture" package. All to maximise production supervision and guarantee shipments to customers before departure.

Mathieu Franchi, new Production Director at Marrel



Mathieu Franchi
Production Director at Marrel

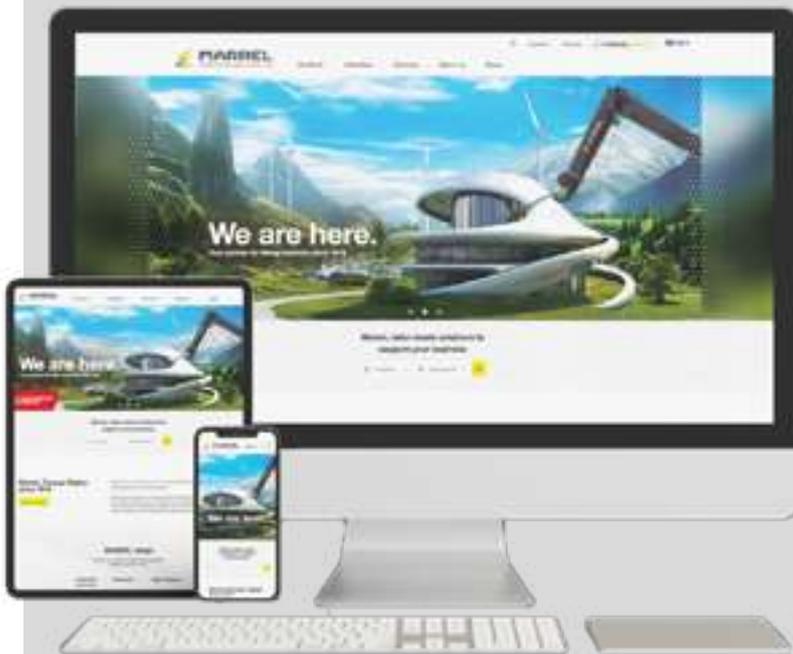
Mathieu Franchi joined Marrel in January 2024 as production director. With his previous experience in the automotive and aerospace sectors, he quickly integrated into Marrel: "I worked in the quality, maintenance and production departments. This gave me a 360° vision, and Marrel

is fully aligned with this thanks to its fully integrated production site. It is a strength and a real asset for our teams".

He is already involved in future projects and is committed to working with his teams to maximise the company's industrial performance: "My mission is to

continue to grow the company in line with its ambitions: to double its turnover in the next five years. To achieve this, our industrial facilities must be ultra-efficient and productive. It's a real challenge, especially in terms of involving everyone while maintaining skills, and that's what I like."

A new design and an intuitive website



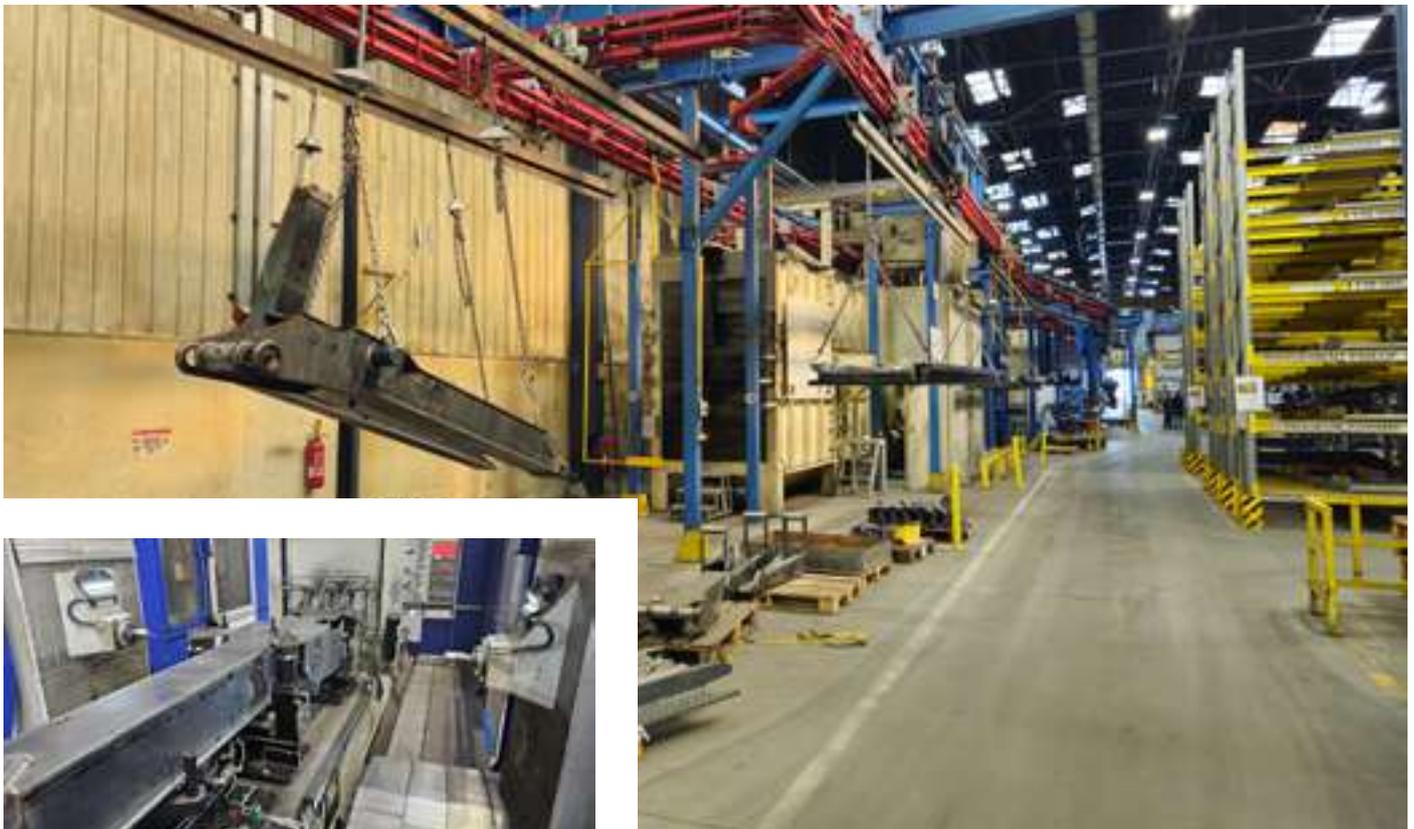
marrel.com



In early March, Marrel unveiled its brand-new website MARREL.com. **The result of a collaborative work group involving around fifteen of the company's employees, the new site offers a completely new user experience thanks to its streamlined design and simplified navigation.**

What's new?

- A repositioning of the Marrel brand to clearly highlight the ambition of the company and the group: internationality and innovation.
- New sections that emphasise the services that Marrel provides throughout the life of the products, including pre-sales, spare parts supply and daily after-sales support.
- Interactive services to help customers find the product they need faster and to identify their service partner more easily within the Marrel-Fassi Group network, thanks to the new distributor map.





#Slagkraft



Vindeln, a town in the north of Sweden with less than 5,000 inhabitants, is home to a world leader in road maintenance technology: Slagkraft. Part of the Fassi Group, Slagkraft stands out for its cutting-edge solutions that combine safety and functionality, confirming itself as the leading Scandinavian manufacturer in the sector.

The modular range of its products, which include power packs, cranes and mowers, guarantees optimal and customised performance for every operational need.

POWER PACKS: INNOVATION AND PERFORMANCE

Slagkraft power packs, W70, W180 and G180, represent a perfect balance between power and efficiency. These models, powered by the latest generation of Caterpillar diesel engines, comply with stringent European emissions regulations (EU Stage V). The W70 is ideal for smaller machines, while the W180 and G180 are designed for more demanding operations, all while

reducing environmental impact. The WXP system is our simplest solution which connects directly to the wheel loader's hydraulic system, suitable for light road clearance.

CRANES: ADVANCED TECHNOLOGY AND OPERATIONAL SAFETY

Slagkraft cranes, such as the SC7 and SC8, represent the pinnacle of road maintenance technology. Incorporating advanced solutions derived from Cranab's renowned forwarder cranes, these cranes guarantee high reliability and durability. With a reach of up to 11 metres and a unique slewing system, they allow operations to be carried out on both sides of the vehicle, significantly increasing efficiency and operational safety.

MOWERS: PRECISION AND ROBUSTNESS

Slagkraft's range of mowers, which includes the SH, TW and V models, is designed to tackle a wide range

SLAGKRAFT: PIONEER IN ROAD MAINTENANCE TECHNOLOGY

Part of the Fassi Group, the brand Slagkraft stands out for its cutting-edge solutions that combine safety and functionality, confirming itself as a world leader in road maintenance technology

Cranab  **Slagkraft**

FASSI GROUP

of applications, from simple grass mowing to clearing difficult terrain such as tracks under power lines. Built with robust materials and equipped with efficient hydraulic systems, these mowers guarantee high performance and simplified maintenance.

ERGONOMICS AND OPERATOR SAFETY

Slagkraft places great importance on ergonomics and operator safety. Proportional control systems, colour touchscreen interfaces and ergonomic joysticks have been developed to offer a comfortable and safe user experience.

This approach not only reduces operational stress, but also increases productivity, ensuring that operators can work efficiently and safely for long periods.





#Cranab

CRANAB GRAPPLES FOR THE CONSTRUCTION WORLD



Cranab revolutionises the construction sector with advanced excavator grapples, ideal for handling and demolition. Three product ranges that combine innovation and robustness for precise and versatile operations

Imagine an excavator that transforms into a multifunctional machine, capable of tackling any challenge with agility and precision. This is the promise of Cranab's forestry and scrap collecting grapples.

From Vindeln in the heart of Sweden, Cranab brings a range of products to the market that combine robustness and innovation, meeting the needs of the most demanding operators with intelligent solutions and high-quality materials. The Cranab grapple range comprises three main models: Multi-Grapple, Stone Grapple and Sorting Grapple, each designed for specific applications.

Multi-Grapple

Multi-Grapples are ideal for general lifting and picking. They close tightly, providing a high gripping capacity for both vegetation and objects of various sizes. The Cranab grapple range comprises three main models: Multi-Grapple, Stone Grapple and Sorting

Grapple, each designed for specific applications. Depending on the grapple model, they are suitable for excavators from 3 to 30 tonnes.

Stone Grapple

Specially designed to lift and handle stones and other heavy objects, this type of grapple facilitates the handling of materials of different shapes and sizes with high precision, thanks to the claws that grip tip to tip.

They are available in two models: the SG40 and the SG60.

Sorting Grapple

Intended for the most demanding jobs, the Sorting Grapple is suitable for large-scale demolition, stone sorting, recycling and scrap management.

The extra-wide design and slightly downward-sloping claws ensure maximum precision. Available in one model: the SoG80.



MG-series



SG-series



SoG-series

ADVANTAGES OF CRANAB GRAPPLES

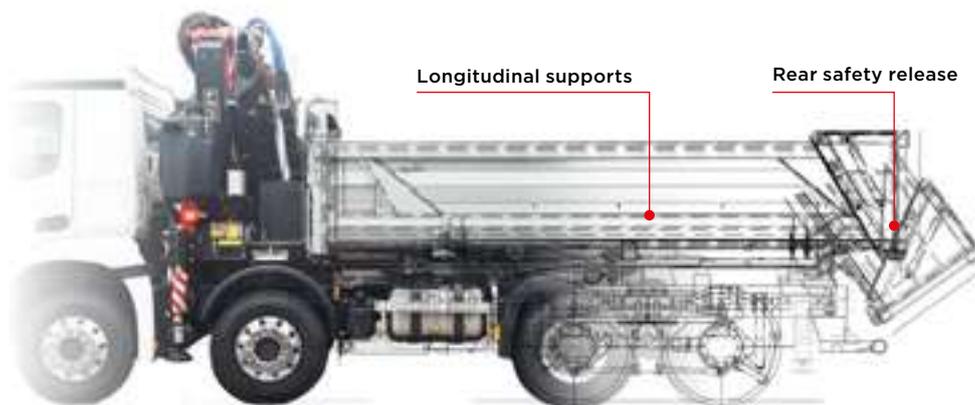
The carefully considered design of the grapples offers numerous benefits, including:

- Double tie-rods for strength and durability.
- Load holding valves for maximum safety.
- Cylinders equipped with end-of-stroke shock absorber for smoother operation and longer machine life.
- Well-sized expander pins and bushings, ensuring a backlash-free design and lower maintenance costs.
- Optimised gripping design for wider opening and grip control.
- Replaceable wear bars on stone grapples and sorters.



THE NEW CHALLENGES OF FOREZ-BENNES

After joining the Fassi Group, the new challenges of Forez-Bennes are centred around growth. The company re-structure and synergy with Fassi and Marrel are improving efficiency and competitiveness



After joining the Fassi Group just under a year ago, Forez-Bennes is preparing to write a new chapter in its history, characterised by ambition and growth. Pierre-Jean Lafont, CEO of the company, shares the enthusiasm that pervades all employees: “Joining the Fassi Group represents a great opportunity for Forez-Bennes to continue its development, benefitting from the support and experience of an industry leader. We are very happy and proud to be part of this new family”.

Since the acquisition, significant changes have already been made. Forez-Bennes has seen its structure reorganised according to business activity, with the aim of optimising operational efficiency. This strategy has led to the merger of certain entities and the creation of a new body shop, Forez-Bennes Loire.

The integration also involves aligning Forez-Bennes’ practices with the group’s standards, in particular through the implementation of new reporting tools. Pierre-Jean Lafont emphasises: “All these changes are essential and require real teamwork and a new dynamic in which each member of Forez-Bennes can contribute”. Operational synergy between Forez-Bennes and the other companies in the group has already begun. Some activities previously outsourced (such as the production of welded parts, laser cutting, etc.) will now be integrated, thus promoting internal growth. An increase in production capacity is also being planned to improve Forez-Bennes’ competitiveness and position on the market.

“We still have a lot to do to be fully integrated into the Fassi Group and continue our development.



We are already seeing close collaboration with the Fassi and Marrel teams, which gives us great confidence for the future,” summarises Pierre-Jean

Lafont. “Thanks to the synergies within the group, we are now better positioned to meet current and future challenges.”

Harmonisation of the Three-Way Tipper Range

Forez-Bennes is modifying the range of its historic product, the three-way tipper, to improve productivity while maintaining quality and reliability.

Forez-Bennes is renowned for its flagship product, the traditional three-way tipper, which has unlimited adaptability. In 2011, the company introduced the “Aéroh” three-way tipper to optimise payload and stand-

ardise the production process. Since 2022, the Forez-Bennes Design Office has launched a major harmonisation project between these two versions.

The aim is to combine the best features of both products to create a new, adaptable and optimised product in terms of weight and productivity, while maintaining quality and reliability.

A prototype based on a 32-tonne model is currently in production and will be fully operational by the end of the year.



FASSI ASIA PACIFIC OBTAINS PRESTIGIOUS DOSH CERTIFICATION



Fassi Asia Pacific has obtained its licence for truck-mounted cranes from the Department of Occupational Safety and Health (DOSH) of Malaysia



#FassiAsiaPacific



From left: Michele Dossi (CEO Fassi Asia Pacific),
Hj Mohd Hatta Bin Zakaria (Director General of DOSH)



In Nilai, one of the fastest growing areas of Malaysia, a short distance from the capital Kuala Lumpur, you will find Fassi Asia Pacific. Founded in 2013, the Malaysian branch of the Fassi Group has recently obtained the prestigious licence for the construction of truck-mounted cranes from the Department of Occupational Safety and Health (DOSH) of Malaysia.

This important recognition will allow Fassi to further strengthen its presence in the local market, offering products that meet the highest standards of quality and safety. “Being the first truck-mounted crane manufacturer in Malaysia to receive the DOSH certification is a truly significant achievement,” said Michele Dossi, CEO of Fassi Asia Pacific, during the official award ceremony.

“This recognition will allow us to offer our cranes directly to potential users in the domestic market.” The ceremony was attended by key DOSH officials, including Director General Ir. Hj Mohd Hatta Bin Zakaria, who officially presented the licence to Fassi Asia Pacific. Since its founding in 2013, Fassi Asia Pacific has become a company now at the forefront of crane design, research, development and manufacturing. The company collaborates with 12 local suppliers, promoting a business model based on collaboration and the transfer of technology. “Our fixed jib cranes are unique and are manufactured and exported all over the world, especially to Australia, Saudi Arabia and the United Arab Emirates, where these types of cranes are particularly in demand.” The choice to invest in Malaysia was a strategic



one, in order to benefit from its many logistical advantages, positioning the country as a crucial operational hub for Southeast Asia and the Middle East. Malaysia's advantageous central location, combined with free trade agreements, offers significant benefits for Fassi Asia Pacific's operations. "Malaysia does not impose customs duties. We also chose Malaysia for this reason," explained Dossi. "In addition, the country's geographical proximity to other key markets helps reduce delivery times and costs." Now, thanks to the newly obtained DOSH licence, Fassi Asia Pacific will also be able to sell its cranes in Malaysia. "We are engineering cranes for the agricultural sector and for other specialised applications," continued Dossi, underlining the importance of training local personnel and exchanging knowledge. "The production procedures are set by us, but the exchange of information with local suppliers is essential for obtaining excellent results."

Fassi Asia Pacific continues to innovate and expand its influence in the crane technology landscape, promising a future of growth, efficiency and safety. With the new DOSH certification, the company is well positioned to contribute to the economic development and safety of the construction and industrial sector in Malaysia, strengthening its reputation as an international brand of excellence. "We are pushing hard on the international distribution of our fixed jib cranes. Our XR model is our flagship model in all international markets, including Saudi Arabia, Australia, Vietnam and the USA," concluded Dossi.

Fassi Asia Pacific



Located in an area of 10,000 square metres, Fassi Asia Pacific is a state-of-the-art centre that covers the entire crane production process, from design to production, through research and development. While operating with a global vision thanks to its connection with the Fassi Group, Fassi Asia Pacific is deeply rooted in the local community of Nilai. The strategic location in Malaysia, with its logistical advantages and free trade agreements, makes the company an ideal hub for operations in Southeast Asia.



- Established in 2013
- Located on a 10,000 square-metre site
- State-of-the-art centre covering the entire crane production process: design, production, research and development
- Product: horizontal and vertical extendable fixed jib cranes
- A staff of 20 people, with 12 specialist suppliers

THE FIRST F1250R-HXP TECHNO ARRIVES IN FINLAND

The companies Grutech, Raskaspari and Nappa Machine join forces in Finland to create a unique setup that is all about robustness, advanced technology and refined design: the first F1250R-HXP TECHNO to be mounted on a Volvo FH 540

Finland marks an important milestone in the lifting sector with the arrival of the first Fassi F1250R-HXP TECHNO crane. This achievement is the result of a perfect synergy between three giants in the sector: Fassi through its dealer Grutech, Volvo with its dealer Raskaspari and Nappa Machine Oy. The innovative setup combines robustness, advanced technology and meticulous design, demonstrating how collaboration can lead to extraordinary results.

Grutech, Fassi dealer for Finland, introduces the Fassi F1250R-HXP crane, a cutting-edge model in the crane sector. Grutech's Christoffer Weber highlights the importance of the technology on board: "The Fassi TECHNO series is industry-leading in terms of advanced technical features. The new control systems increase both efficiency and operational safety.

Fassi's IOC system, with real-time diagnostics and online monitoring, ensures optimal adjustments and remote troubleshooting."



Raskaspari Oy

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www.raskaspari.fi



#RaskaspariOy

CASE HISTORY



The Fassi F1250R-HXP, with its nine booms, is the first of its kind in Finland. Weber added: “The nine-extension crane has a horizontal outreach of over 21 metres. It has an excellent power-to-weight ratio and includes advanced features such as FSC TECHNO stability control.”

The perfect support vehicle: Volvo FH 540

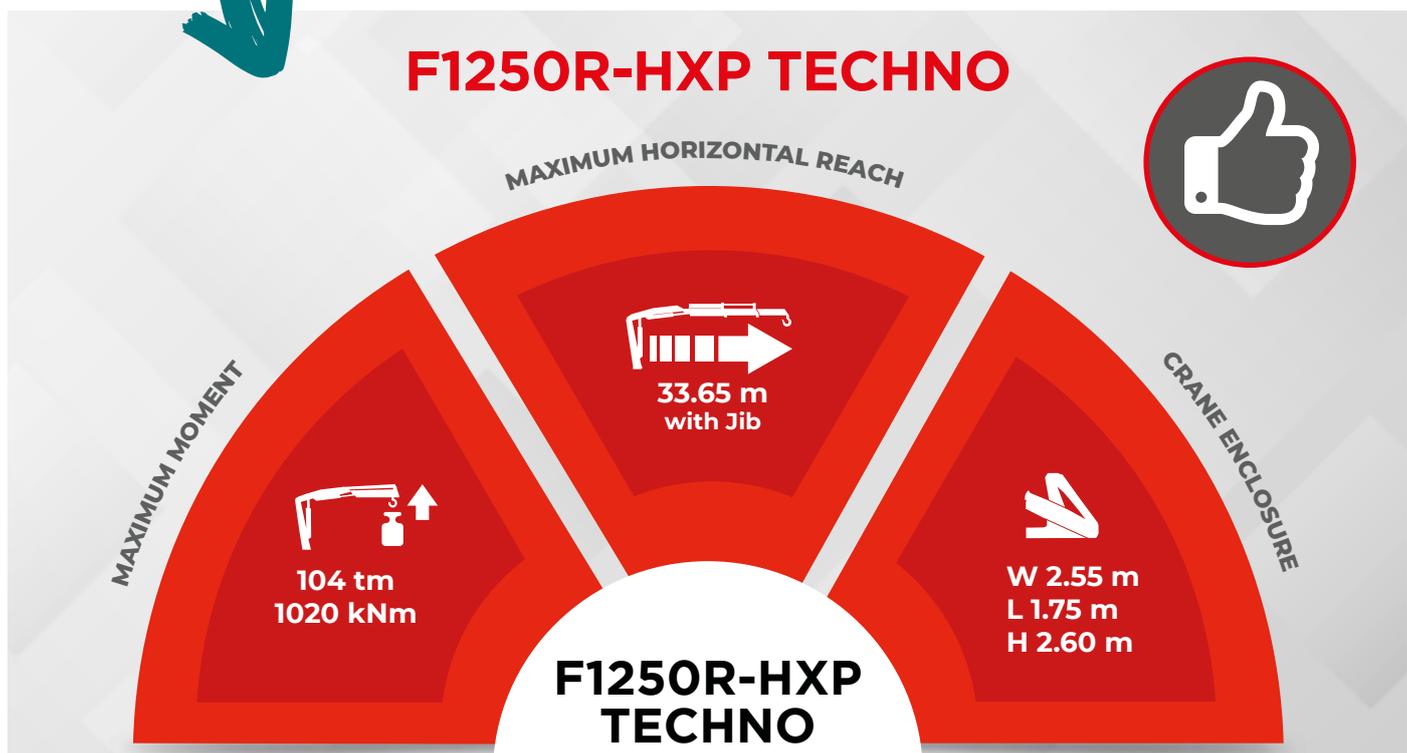
The vehicle on which the crane was mounted is a Volvo FH 540, supplied by Raskaspari, the Volvo dealer for Finland. Ahti Pakkanen from Raskaspari emphasised: “The Volvo FH 540 is the ideal chassis for a heavy crane. With a 12.8-litre engine, 540 horsepower and a full-length double chassis, this vehicle offers an excellent work combination for both the driver and the crane operator.”

The robustness of the Volvo FH 540, combined with its ability to support a large crane, makes this vehicle perfect for demanding applications in the lifting industry.

A meticulously detailed setup by Nappa Machine Oy. The crane setup was carried out by Nappa Machine, a company specialising in the installation, maintenance and repair of lifting equipment. Janne Korpivaara from Nappa Machine Oy commented: “We share the same vision with Grutech, where functionality and product reliability are essential. We completed the entire project in approximately ten weeks, paying attention to every detail to optimise the use of space and ensure accurate quality.”

**THE CRANE WAS SET UP
BY NAPPA MACHINE, A
COMPANY SPECIALISING IN
THE INSTALLATION OF LIFTING
EQUIPMENT**







FASSI GROUP



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LIFTING TOMORROW

International Information Magazine of the FASSI GROUP

**COMING
SOON**
**F2350RL
TECHNO**

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