Curing Presses
Integration of Engineering, Production & Services
Contact Details:

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HF TireTech Group
Quality, competence and experience:
Our profile for your success.

We are innovators with body and soul. We developed the first machines for the rubber industry more than 150 years ago. Today, we are a global leader in pioneering the technical development of systems and machinery for the manufacture of tires and technical rubber goods. We provide high technology competence in all business units and we keep what we promise. The HF TireTech Group provides a range of technologies for all production steps in tire manufacture and rubber processing – from planning, design engineering, manufacturing, commissioning, right up to the complete maintenance of your systems: always tailored to your needs. We are constantly refining our components so that your systems will always be technically at the cutting edge. We are interested in long-term relationships with our customers: One team, powered by commitment.

We have one mission: Our customers should be able to choose our systems without worrying about the future. We master challenges such as these as a team. We place great value on the latest technology.

We know every inch of our machines from the very first idea up to its delivery to our customers. We never lose contact and our customers appreciate our intelligent design and service principles.

All key components are developed in our factory in Hamburg. Our plants and systems are built here by our highly skilled staff and tested, then they are – accompanied by our experts.

Our manufacturing operations with plants in Belišće and Valpovo. Symbiosis of engineering in Hamburg and manufacturing in Belišće.

365 days a year, 24 hours a day – we guarantee our customers support at any time – and all over the world too.
Our machines achieve an optimal balance of high quality requirements with increasing output demands. The quality assurance requirements on tire manufacturers by the automotive industry have been increasing for years. At the same time, the demand for increasing product output remains unabated. Together with our customers all over the world, we have faced up to these challenges and, for decades now, have been developing machines in modular design which are easy to operate and simple to maintain. Our machines are also well equipped to meet the high demands that may be placed upon them in the future through regular updates and the option of functional modules.
The know-how, the creativity and the enthusiasm of all employees are our greatest resource. These highly motivated people are the key to our success. Everybody in our team is aware of their responsibility for the satisfaction of our customers. We have lean structures which enable us to react quickly. Our mission can only be accomplished through team work and this has brought us to the pinnacle of the tire-technology-evolution. Our customers can count on us. Our developments are always one step ahead of the rest, making us one of the most copied companies within our industry and our partners well-prepared for the future.
There is no challenge we won’t rise to. We have been in this business for over 150 years now and we still take great pride in that moment when the machine is assembled for the first time.
The HF TireTech Group has been one of the world’s leading and most innovative curing press manufacturers for decades. We were the first company to develop a hydraulic curing press as early as 1972. Our machines are developed at the head office in Hamburg and manufactured at our production site in Croatia. In a constellation such as this, we are able to guarantee the high standards of our curing presses. All parts used are subjected to a strict quality and material inspection. We supply curing presses in common or individual operational modes. Our presses are suitable for tyre factories either as new equipment or for extending it further, and are equally suitable for the replacement of existing mechanical presses. All machines are manufactured according to customised specifications which guarantee that each curing press dovetails optimally into your process flows and enables reliable and effective production.

Owing to our flexible engineering set-up as well as our production site in Croatia, we are in a position to be able to offer special designs and deadlines accordingly.
Supplier of Solutions

Sales for value added curing presses

Our sales engineers are experts in advising and together with your Process and Engineering Team they will find a state-of-the-art solution and integrate curing presses into the present production flow. Furthermore, HF provides a network of qualified regional representatives, agencies and project coordinators in key regions around the world. Sales engineers and representatives coordinate closely with the Technical Department. In this way we ensure compliance between customer and manufacturer resulting in a cost-effective method of production for the tire producer.

Pros

- Engineering of individual solutions based on a modular system
- Individual adjustable mold height locking
- Energy optimized heating concepts
- Low maintenance costs due to excellent access to machine parts
- Installation support: Start-up Assistance, Supervision or Turn-Key

Unique Selling Arguments

Our customers do not simply regard us just as a “supplier of machinery”. In addition to this, they also regard us as a “supplier of solutions”. This means that we are able to ensure a mutual approach towards providing value added concepts. Our customers truly appreciate the expertise and high quality of HF curing presses.

Just a few key points:

- Basic curing press concept is proven and “state-of-the-art”
- Curing presses pre-assembled and dry-tested
- Dedicated engineering solutions, e.g. Quick Mold Change Device
- Value added solutions for Host PC and Production Planning System (PPS)
- Reliable delivery for more than 400 presses per year
- Sub-supplier integration for dedicated spare part solutions
- Worldwide service 24/7
Our substantial contribution for the success of HF customers
Integration of engineering and manufacturing

Our Engineering Department (Hamburg) provides individual solutions according to your specifications or individual requests based on the HF modular system.

Requirements have been successfully accomplished in many projects, for example:

- dedicated heating systems
- green tire and cured tire handling system
- individual mold height adjustment
- energy expertise and consulting tasks

Manufacturing, assembly, dry test and delivery of curing presses

The specific synergies of engineering and design tasks takes place in the production facility in Belišće in Croatia. We have established a highly skilled work force and a modern tool machinery platform. HF produces all parts in a quality-integrated manufacturing concept. Pre-assembly and main assembly follows customer’s requirements.

The final assembly and dry test of mechanical, electrical and hydraulic functions are conducted when the customer visits HF in Belišće for the “pre-inspection”. Before shipment of presses, such procedures are an everyday occurrence for our specialized team in Belišće. The Croatian production facilities ensure a high-reproducible manufacturing standard and an excellent quality level all of our customers worldwide. The high degree of pre-manufacturing, assembly and testing enables our customers to hand over the curing press to production with a timeline less than a week.

Final assembly and commissioning in customer’s plant

With a specialist team in different regions of the world we are able to assemble and commission the curing presses in coordination with the customer.
Manufacturing & Assembly

We provide start-up assistance or supervision. At the customer’s request, we can arrange turnkey installation with local cooperation partners as well. During assembly and commissioning, our engineers will train the customers team regarding all relevant events and maintenance tasks.
Our drive is your success
Research, development & quality control

Research and Development, permanent quality control and further development – for our customers, we are always striving to work at the absolute cutting-edge of technology.
Never standing still.
24/7 worldwide and multi-lingual
We provide solutions
Our 24-hour service makes sure that your machines never stop running. An HF specialist is always close by to offer assistance, reassurance and solutions. Our customers can depend on us.
Service you can rely on – 24 hours a day

Supplier integrity

Our clients can rely on our machines 24 hours a day, seven days a week. Our systems are extremely reliable and very low-maintenance in every respect, provided that all wear parts are inspected on a regular basis and exchanged in time when necessary. We are constantly working on improvements and optimisation of our components so that your system will remain technically up-to-date. We have locations around the world so that an HF specialist is close by whenever needed, knowing everything about your machine and speaking your language. In addition, we also offer a long-term guaranteed spare parts service for all components.

24/7-Hotline: Tel.: +49 (0)40 77 179-270

Our spare parts

Genuine, precise fit, long-lasting and available for decades

We guarantee to supply your system with spare parts for many years to come. Essential wear parts are mainly manufactured in our factory in Belišće. These quality parts are designed to be particularly long lasting and high-performance so that the functionality of your system is guaranteed over the entire life cycle.
We provide more than just support in system’s design, assembly and commissioning.

We offer a wide-range of maintenance and optimisation services, particularly during running operations.

Our team of experts provide quality analysis of your system as an integral part of the regular inspection work and are able to target any weak areas revealed by these results and draw up the necessary measures required for optimising processes.

**Our service examines whether ...**

- energy savings are possible
- our system is working in an environmentally-friendly manner
- enhanced production performance is possible or what adjustments and upgrades may lead to an increase in capacity
- your system is suitable for new applications or what measures are necessary for changeover

**Our service conducts ...**

- quality analyses and provides suggestions for improvement
- optimisation of your system regarding procedures and processes

**Our service develops ...**

- concepts regarding conversion exchange of individual components or for improving process management on request
- The relationship with our clients is always our top priority, therefore, this is what we focus on every day
German engineering – European manufacturing

Our German-Croatian collaboration offers cost-effective solutions with highest quality standards.
Advantages of our curing presses

With flexible modular construction methods, we can implement various customer requirements

Energy-saving designs

Automated feed system for standard tires up to production of high- and ultra-high performance tires for particular needs*

Ease of operation and maintenance

High availability

Low maintenance costs

Taking the current machine guidelines into account

Long-lasting, solid design

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Info

More information and detailed Fact Sheets on our machines are available on our website:

hf-tiretechgroup.com/de/service/downloads

* assuming that standard tires are also being produced fully-automatically.