

CORPORATE PROFILE



A FULL RANGE OF HIGH-QUALITY SOLUTIONS, KNOWN AROUND THE GLOBE.



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As world leader in sheet metal working machines, HACO offers a complete range of reliable, high-precision machines and the software that goes with it. As an absolute specialist, we can provide a customized solution for every specific situation.

HACO Kingsland & Mubea Systems offer you a complete range of machinery for all kind of metal constructions. We combine our knowledge of the profile industry with HACO's metal & wood industry experience.

Mubea Systems S.A., part of the international HACO Group, is known worldwide for its CNC machining centers. We offer profile machining centers, solid aluminum machining centers and heavy duty machining centers.

FAT, a member of the HACO Group, is Europe's leading manufacturer of conventional and CNC lathe machinery. With over 60 years of experience in lathe building, we deliver top performance lathes at competitive prices.

BRET and BLISS - both members of the HACO Group - specialize in the design and manufacturing of hydraulic and mechanical presses. We bring you a 100 years of experience.

HACO offers a diversified and comprehensive range of industrial woodworking machinery, designed to make your job easier and safer. We are able to offer you multi-purpose machines that provide great results and are still easy to use.

CLID Systèmes and SIMA provide you with a solution for all kind of paint processing and surface treatment products. Quality and reliability are the major features of our products.

The Bio4Heating range of machines is an excellent solution for wood-heating-systems, giving a very high efficiency rate as well as the full respect of our nature and of the main international norms against pollution.

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THE HACO GROUP MORE THAN SHEET METAL



HACO started in 1965 as a small Flemish family-owned business serving local industrial companies. Today, we are a group offering a full range of high-quality solutions, which are known around the globe. From professional woodworking, sheet metal working, and aluminum milling machines to machine controls and surfacing installations.

From the very beginning, our principal goal was to understand the needs and requirements of our customers and to provide for them better than anyone else does. When one of our clients has a special problem, we take pride in being able to come up with exactly the right solution. But this specialization has not kept us from diversifying.

Originally famous for our sheet metal and woodworking machines, HACO has become so much more than just a manufacturer of punching machines, bending machines and shears. Since the mid-nineties, HACO has evolved into a company that produces not only sheet metal machines, but also larger and more complex machines, like machining centers and lathes.

With the acquisition of Mubea Systems in 1996 and the take-over of FAT (Fabryka Automatow Tokarskich) from Poland in 1999, the HACO group was able to offer machines for the cutting and editing of very large profiles and parts.



THE HACO GROUP MISSION & VISION

HACO's main goal is to offer our customers innovative, high quality products as well as solutions to improve production efficiency with the best price-to-quality ratio.

An innovative product development strategy, highly efficient production infrastructure together with a global network of sales and service subsidiary companies supports this mission.

It is the ambition of HACO to become a trendsetter for modern applications. Our aim for the next decade is to invest further in Technology Development Centers, Practical Application Centers and build a solid team of Advisors around the globe.

HACO is not just interested in selling you a machine. We deliver you a solution through turn-key projects, or automation of your factories.

HACO will make partners around the globe with those leaders in the industry that support the vision of HACO through cooperative joint-venture. HACO shall become your unique supplier for Advanced Technology Systems.



HACO GLOBAL REACH PRODUCTION

Our worldwide production divisions are strategically chosen to support the local markets. Hence we have the flexibility to change and modify equipment and systems to the wishes and demands of the local market.

- Belgium
- France
- United Kingdom
- Germany
- India
- China
- Poland
- Slovakia
- Romania

HACO GLOBAL REACH SALES & SERVICE

The HACO Group is an internationally renowned CNC machine dealer and manufacturer. We deliver high-performance machines at the best price/quality ratio found anywhere. We participate in many sectors and all our machines are top-rated in their field.

- Belgium
- France
- United Kingdom
- Germany
- India
- China
- Poland
- Slovakia
- Netherlands
- Australia
- Canada
- Romania
- United States

● AND AN INTERNATIONAL DEALER NETWORK

HACO MILESTONES

FROM A LOCALLY OWNED BUSINESS INTO AN INTERNATIONAL ORGANIZATION

1965

Rogier Havegeer and **Roger De Marez** start their own company producing hydraulic components and providing maintenance and repair services. It was the initial seed from which the worldwide HACO Group NV has grown.

1965 - 1972

The business grows steadily, evolving from a Flemish-family-owned locally anchored business into an **international organization**.

1972

HACO develops a sheet metal **guillotine shear** and took its first steps towards becoming an expert and reputable machine builder. This was indeed an important step toward diversification and specialization.

1972 - 1985

HACO continued its move into machine building, specialization and expansion of capacity.

1985

HACO founds **ROBOSOFT** and develops hardware and software for CNC controls. This eventually led to the group's second product – electronics – which stands alongside machine building.

1986/1987

HACO takes over **BRET and SCMB BLISS** in France. This specialists in mechanical, hydraulic and die forging presses opened a new path for HACO in the automobile industry. The production of consumer goods created many other opportunities.

2001

Mubea starts with the development and production of prototypes of **4 and 5 axis profile processing machining centers** complete with integrated CNC clamping and application driven software solutions.

2000

HACO took over **LSP in Slovakia**, increasing its offering of press brakes and shears, thus expanding the company's presence in Eastern Europe.

1999

FAT in Poland became part of HACO, offering affordable **lathes and milling machines**. These machines are easy to operate, thanks to high-level controls. They are also suited for machining a wide variety of different materials.

1996

Acquisition of **MUBEA SYSTEMS** completed its program of multi-purpose steel working machine plus customer-designed drilling, punching and cutting lines.

1993

HACO added OMES in Italy to the group, and introduced the **CNC punching machines** to its program. Shorter production times and increased flexibility were now trademarks of HACO. The take-over of the French **GUILLET/CHAMBON** enlarged the range of woodworking machines of HACO.

1991

HACO acquired **Kingsland**. This acquisition added hydraulic multi-purpose steel working machines to HACO's program. HACO machines were now found in virtually every workshop.

2006

A new branch and two production plants in Ningbo, **China** were set up to strengthen relationships with customers in the East.

2008

HACO starts production and sales in **India** offering pressbrakes, shears expanding its production domination around Asia.

2009/2010

HACO Mubea proudly offer 5 axis **machining centers with dimensions up to 60 m** long with single and double head with double X-axis and total clamping system.

2011/2015

HACO starts with the production and sales of their **'Q5' punching machine**. HACO Mubea starts with developing high gantry machining centers up to 30 m length for **solid machining**.

TO BE CONTINUED



CNC PRESS BRAKES

WORKING LENGTHS FROM 1.6 TO 10 M



When it comes to sheet metal press brakes, HACO is definitely a major player in its league. Our product range includes press brakes with capacities from 40 to 2,000 tons and working lengths from 1.6 to 10 m. To be able to meet your every need, we also build custom press brakes.

The EuroMaster and PressMaster pressbrakes come standard with an easy-to-use color graphical 2D Fastbend control with touch screen. This control has been on the market for several years and proves today to be one of the most powerful CNC controls on the market.

As an option, we offer the new FastBEND-3D control with full touch where you can program parts in 3D or import 3D files from our optional HACO CAD-3D software.



PRESSMASTER

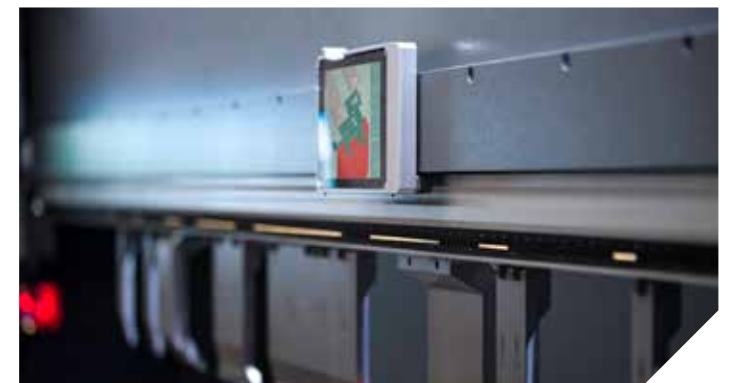
A more-axes CNC pressbrake with electronically controlled beam parallelism and depth-stop setting.

RANGE

- PressMaster
- EuroMaster-S
- SynchroMaster
- PPM Conventional
- HDSY



3D-part bended with the PressMaster.



SyncView: an innovative dynamic display moving horizontally to the correct bending location.

ROBOT BENDING CELLS

COMPLEXITY MADE SIMPLE



Today's high requirements concerning productivity, quality and production speeds lead to an increasing demand for automated bending systems. For a couple of years now, HACO – in tight collaboration with Robosoft – offers a unique approach to robotized bending: a seamless fusion of hardware and software that results in fast and direct production, where the first product is immediately correct.

LOW LEARNING CURVE

The programming software for the bending cell and the control's firmware aren't only easy to learn, they're also easy to master and any experienced press brake operator can work with them in no time.

TOTAL CONTROL FROM A SINGLE UNIT

The Robosoft high-performance bending control is a centralized unit that is able to control the entire production process, i.e. the press brake, the robot, access control, etc. from a central spot in the bending cell.



AUTOMATED BENDING
Strict requirements concerning productivity, quality and production speed have led to an increasing demand for automated bending systems.

FIRST PRODUCED PART IS IMMEDIATELY CORRECT

A system where robot and press brake are able to work together seamlessly. The first part is immediately correct.

START PRODUCING RIGHT AWAY

Robosoft's powerful software guarantees a superfast pre-production process, where the time between product drawing import and robot program generation is reduced to mere minutes, or even seconds for simple products.



A robot bending cell can now provide you with maximum precision, productivity and cost-effectiveness.

CNC SHEARS

INDESTRUCTIBLE & HIGH-QUALITY



With 45 years of experience, HACO's expertise is a guarantee of virtually indestructible, high-quality, high-efficiency machines. We offer hydraulic sheet metal guillotine shears that can cut up to 32 mm thick mild steel sheets, up to 6 m long.

HEAVY DUTY HSL(X)

The Heavy Duty HSL(X) models are our custom designed heavy duty guillotines. Cutting capacities vary from 6mm to 32mm material thickness and from 3000mm to 12000mm cutting length.

HSL(X)

HSL(X) series hydraulic guillotine shears with blade gap adjustment. HSL(X) shears can also be automated with feeding, conveying and stacking system.

TS(X)

TS(X) series budget friendly hydraulic guillotine shears with blade gap and rake angle adjustment.



HSL(X)

Our fully automated shears

HSL(X) Guillotine shears have several advantages above swingbeam type shears. They are made to cut several material types and thicknesses and have no twist in the frame like swingbeam types.

RANGE

- HSL(X)
- TS (X)
- Heavy Duty HSL(X)



The TS/TSX series shears remain the pacesetters in the price/quality ratio market of today.



All our TS shears are equipped with power rake angle adjustment from the SP9 control panel and quick blade gap adjustment.

CNC PUNCHING MACHINES

THE Q-SERIES PUNCHING SOLUTIONS



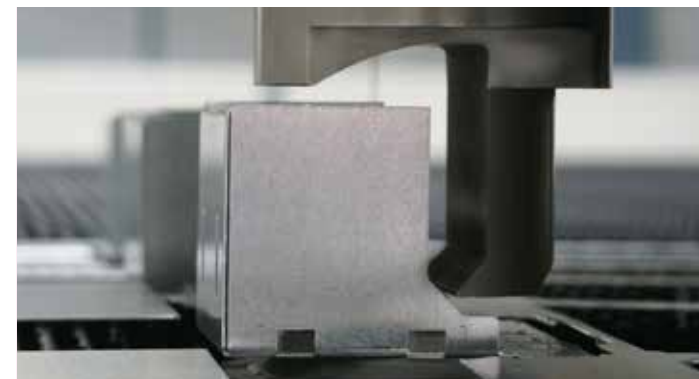
Customer demands for shorter turnarounds, faster deliveries, higher part quality and lower costs have increased in the 21st century. They have driven manufacturers to rethink the whole punching process. With an innovative versatility in the latest punching technologies, fabricators can not only reduce punching costs but also reduce the price of the final product.

That's why HACO came up with the Q Series punching solution that could address these and other needs. Are you ready to do the same for your customers?

The truth is that with a Q Series punching machine you can do so much more than just cut out shapes. In addition to cutting shapes, HACO's cost-effective punching systems can tap, bend, roll and form 3D parts.



RANGE
• The Q5
• The Q4
• The Q3



The Q5: exceptionally fast forming capabilities. With a bending height of 75mm (3.0 Inches) in a variety of angles and even on parts which are nested in other locations than 0° - 45° and 90° your punch press becomes a multifunctional part processing machine.



The robust high-speed hybrid servo-hydraulic punching head ensures 22 or 30 tons of punching capacity through material thicknesses up to 6.5 mm.

Q5-SERIES

PRODUCTIVITY & FLEXIBILITY



The HACO Series Q5 CNC punching machines convert your workshop into one with the highest productivity and flexibility that can be achieved with a CNC sheet metal machine.

With 22 or 30 tons high speed servo hydraulic punching head, rotation axis for all tools, and standard interpolation parameters, the HACO series Q5 is the perfect and most flexible CNC punching machine. The large fully-brushed sheet support tables and the standard repositioning cylinders, allow standard sheet sizes to be processed easily.

The user-friendly 7 axis CNC TPS 84S graphics control with touch screen offers everything you need to fit the high demands in contemporary punching.

The high speed control, fast – processing and intuitive user interface result in an innovative system capable of handling simple as well as complex tasks. From the initial idea to the production of parts, the TPS 84S graphics will be your ideal partner.

ADVANTAGES

- All tools are 360 ° auto indexable
- Axis interpolation (Application of wheel tools and ridged tapping)
- Double Y axis for maximum speed and accuracy
- Automatic clamp setting by CNC = faster production times
- Big part chute door with protection system and integrated conveyor belt
- Energy saving via energy recovering from the motor drivers
- Easy and fast loading of tools into the turret
- Any tool station takes any tool (also Multi Tool)
- No complex turret composition = faster turret set-up
- No turret station wear, no turret adjustments
- Better adjustment for punch and die clearance compared to classic turret punching machines
- Positive tool clamping (no springs)
- Full control of stroke (Z-axis)
- Stripping plate has also hold down function
- Urethane strippers can be used for scratch free production
- Programs can be nested under every angle which results in optimal sheet usage and minimum rest sheet
- No limitations in clamp setting
- Application of large forming operations (Z axis stroke of 75 mm)
- Fast tool-change by means of by- bidirectional rotation of the tool-turret and automatic selection of rotation direction for shortest rotation distance
- Standard slug suction device avoids the application of expensive 'slug stop dies

CONTROLLERS

STANDARD & CUSTOM DESIGNED



The HACO Group specializes in the design and development of CNC controls and software, mainly for industrial sheet metal machines, such as press brakes, punching machines, shears, laser/plasma,...

We offer a wide range of standard automations, but also very specific, custom designed systems for different kinds of applications, e.g. metalworking machines, woodworking machines, milling machines, lathes, ...

Our product range covers a full spectrum of NEW modern energy-efficient CNC controls from basic controls to sophisticated graphic controls, accompanied by a complete electrical cabinet if necessary. If you are not sure that your technicians are capable of doing the installation themselves, we can help you find local assistance if possible. We support ALL brands.

2 TYPES

OF AUTOMATION



The normal, easy to use standalone automation:

- single-axis control that functions as a back gauge
- shear control that - unlike other shears - operates using 4 axes (back gauge, blade gap, blade angle and cutting length), sensor information and a safety module

The complex control for full-automatic production capable of communicating with other machines:

This communication between e.g. shear, puncher/laser/plasma and press brake makes it possible to process a part from its drawing to its actual production, without having to leave the workplace.

PLASMA CUTTING MACHINES

EXTENDED EXPERIENCE IN THE FIELD



HACO offers you a varied range of plasma cutting machinery, designed based on our extended experience in the field. We know what your needs are and can meet your most exacting plasma cutting requirements.

The CombiCut comes with a standard Plasma and/or Oxy-fuel gantry cutting table. On the gantry, an axis can be equipped with a robot and/or a drilling unit. Any combination Plasma, Oxy-fuel, drilling unit and Robot cutting is possible.

The software allows for a fast realization of the design, the cutting plan and the nesting. This does not only save time, it also reduces the residual waste. In addition, this machine also offers a high capacity (high maximum plate thickness), high precision (up to 0,2mm precise) and an unprecedented ease of use.



RANGE
• CombiCut
• Kompakt
• Vulcan
• ATPL Blue Line



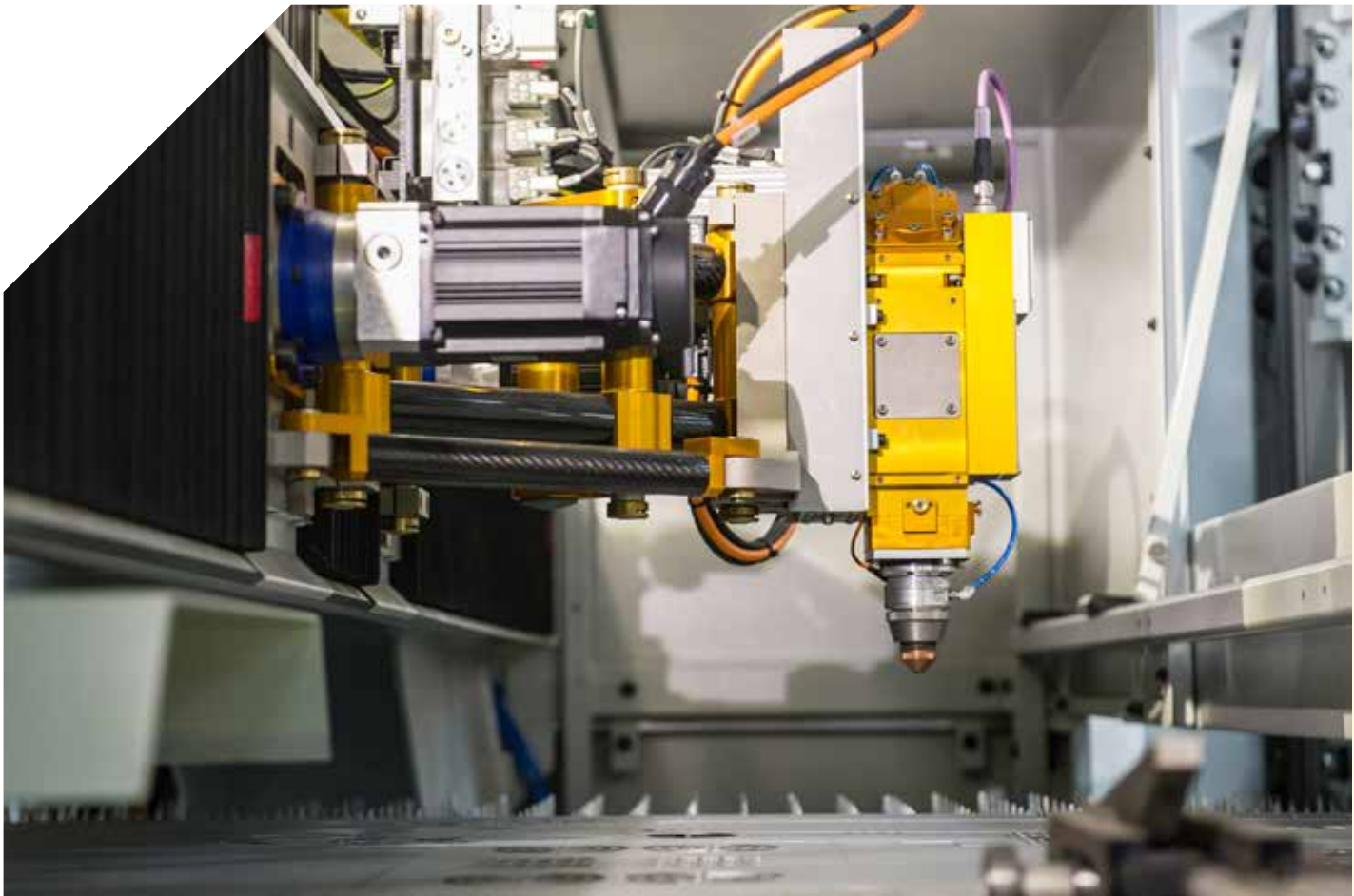
The Kompakt in our showroom in Ardooie (Belgium).



The ATPL with torch lifter with magnetic anti torch collision protection.

FIBER LASER

QUICK ACCURATE COMPACT CELL



HACO offers the innovative fiber laser in 3 and 4 meters and sources of 2, 3 or 4 kW, with integrated loading and unloading system. This highly advanced and dynamic cutting unit has a floor area of less than 11 x 6 meters, and allows unmanned work. The FL series is equipped with a new cutting head type “Technology with Parallel Kinematics” to obtain cutting cycles of high dynamics in 5g

STANDARD EQUIPMENT

- Application of ultra light carbon technology to obtain fast and precise movements of the laser cutting head.
- New “Technology with Parallel Kinematics” for a great dynamic movement.
- Stability of the sheet thanks to the flanges managed by the CNC and retractable.
- Extremely small floor area (10.6 X6.3 m, safety zone included)
- Liquid-cooled cutting head
- Integrated automatic loading and unloading system to reduce cycle time.



FL 3015 LU
CNC control with
touchscreen

- RANGE
- FL 3015 LU
 - FL 4015 LU
 - FL 4020 LU

LASER FIBER



The set is equipped with 4 retractable clamps to prevent the sheet from sliding during movement.



Automatic loading and unloading with front truck.

KINGSLAND PUNCHING

60 YEARS OF INNOVATIVE DESIGN



RANGE

- Single Punch (50P)
- Single/Double Punch (60. 70. 80. 95. 125. 140. 175)

Kingsland, part of the HACO Group, is an established designer and manufacturer of top-quality universal steelworkers/ironworkers and punching machines. We also offer accessories and tooling. For over 60 years now, we have been innovating and specializing in hydraulic ironworkers. The Kingsland range of Hydraulic Single Punching Machines all come equipped with a deep throat of 625mm. Heavy-duty support tables with scales and backstops, universal die holder for punching in plate, flat bar, angle iron and flange of channel and beam are all part of the standard execution.



The punching machines are available from 60 to 175 ton, both in single-ended as well as double-ended execution.

KINGSLAND IRONWORKES

RELIABLE & STURDY



RANGE

- Compact 50-65-80
- Multi 60-70-80-95-125-140-175

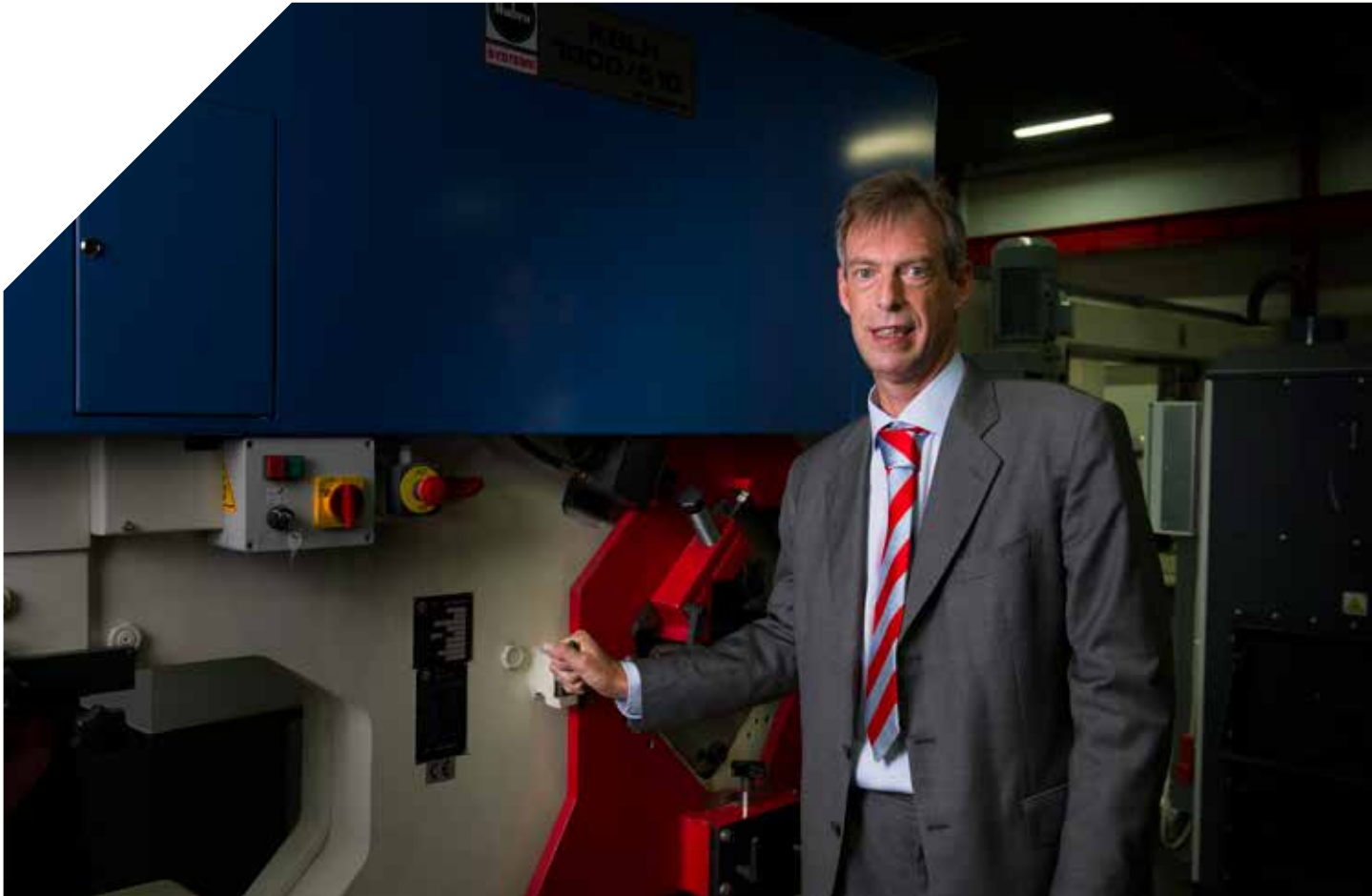
Kingsland Ironworkers are available in 40 ton up to 175 ton. Our ironworkers are considered the mother of all ironworkers. Reliable & Sturdy manufactured for your workshop. Their great efficiency is the result of years of innovation.



We also offer accessories and tooling via our webshop!

MUBEA IRONWORKERS

THE MULTIPLE ALL-ROUND IRONWORKER



KLH/HP/VP MODELS

With the two different capacity sizes of the KLH series and cost-effective punch models HP1000/760, HP1600/760 and VP1000/620, Mubea Systeme sets standards in modern punching technique. The particularly strong points of these three punching machine models with their extremely practice oriented concept and perfected type become apparent in their nearly unlimited possible range of applications and an astonishing adaptability to most different fabrication problems in a great variety of industries.



Our Mubea Ironworkers, manufactured in Germany (Brüggen-Bracht).



- RANGE**
- KLH Models
 - HP Models
 - VP Models
 - HIW Models
 - MIW Models

HIW/MIW MODELS

Made in Germany, the modern HIW ironworker is a stable value which enables you to do several operations at the same time, profiting from a particularly favorable cost-effectiveness ratio.

The MIW series quintuple combination machines are distinguished by their special cost-effectiveness. Their five working stations: Flat bar station, Bar shear, Section shear, Coper/Notcher and Punch.



The HIW 750/510.

DRILLFLEX

MILLING NEXT TO DRILLING



MUBEA SYSTEMS has developed automatic CNC machining centers. Designed specially for the steel construction industry. This is a concept unique in saving time, floor space, money and offering precision.

MILLING NEXT TO DRILLING

The unique part of the Drillflex is that next to drilling, milling is possible too. Multiple types of holes can be milled, what makes the Drillflex a unique price/quality machine.

The MUBEA-DRILLFLEX type DF-1100 is capable of processing following profiles by means of horizontal drilling of holes with maximum diameter of 40 mm (option 50mm). The position and accuracy of the holes to be drilled is determined by the CNC program.



DRILLFLEX DF
The machine accepts workpieces that have been sawed or milled to the correct length beforehand, but the workpiece can also be dimensioned after the drill pattern has been realized.



The profile is positioned on the drilling table and the drilling unit makes its CNC-programmed movements with the greatest precision.



This affordable machine drills all kinds of profiles (members, sections, beams) with high accuracy.

PROFILE MACHINING CENTERS

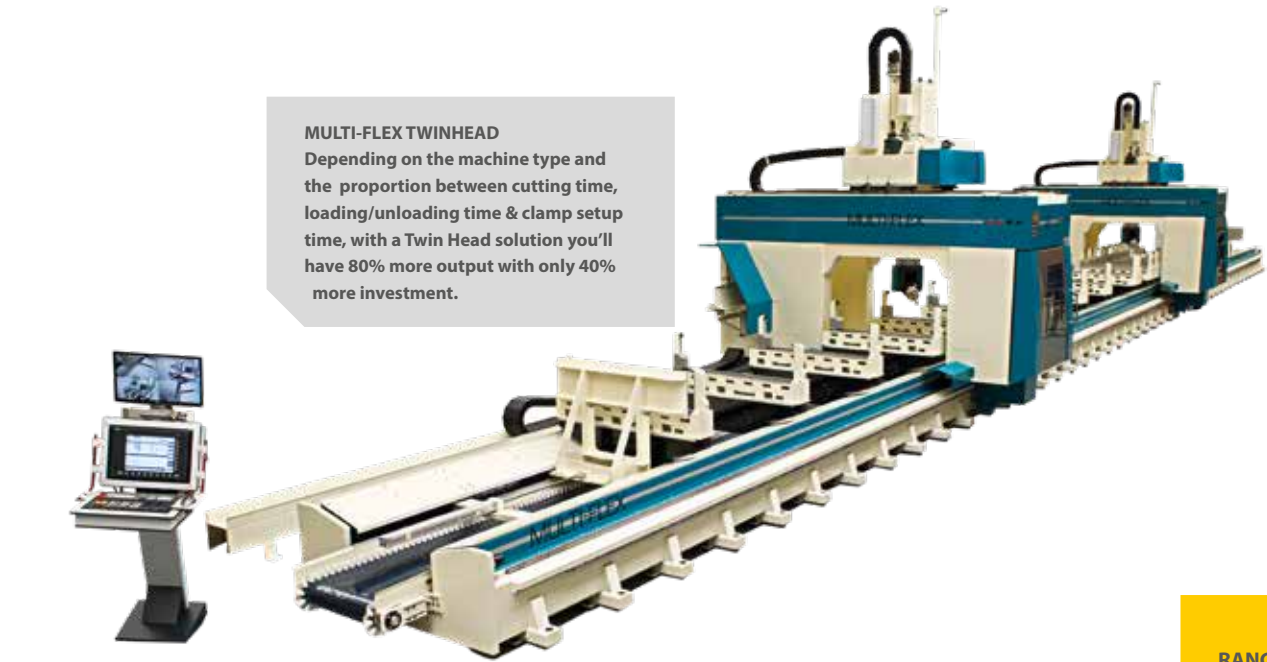
MUBEA SYSTEMS PROFILE MACHINING



Aluminium and steel extrusions require specific machining characteristics. Mubea Systems S.A. has developed a complete range of machining centers specifically for these materials where high speed cutting and fast response times are essential.

Our 4- and 5-axis CNC machining centers have been designed especially for automatic tooling of exceptionally long profiles. The most of our models have saw capability to trim the part at correct length.

- Complimenting our range of impressive machines the PROFILE 3D CAD CAM software offers dynamic programming characteristics to meet demanding requirements. The software includes a READ-IN module to easily communicate with other software:
- 3D Simulation of the part being made
 - Auto clamp positioning
 - Tool Path simulation
 - All kind of nesting of multi-parts
 - Advanced time calculation
 - Collision detection



MULTI-FLEX TWINHEAD
Depending on the machine type and the proportion between cutting time, loading/unloading time & clamp setup time, with a Twin Head solution you'll have 80% more output with only 40% more investment.

- RANGE**
- Profile-Flex
 - Multi-Flex
 - Multi-Flex XL
 - Mega-Flex



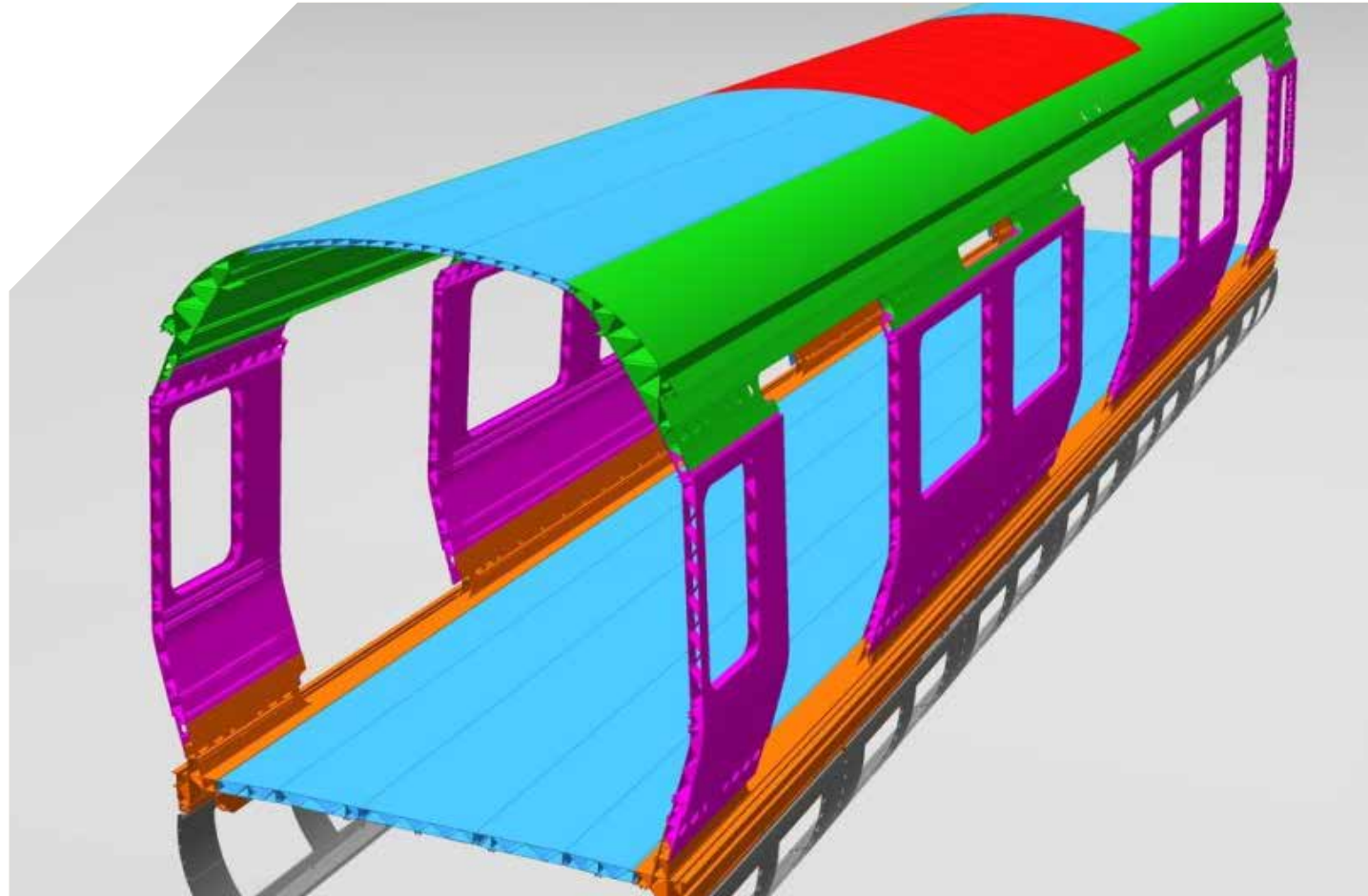
End section view of Multi-Flex with large cant rail profile.



Our Service Technicia standing next to a train manufactured with panels cutted by Mubea-machines.

CNC MACHINING CENTERS

HIGH SPEED & HEAVY DUTY



This 3D drawing does not represent a real train or train project. The drawing represents all kind of train parts that need to be finished for train manufacturing. Depending on the type of train you want to build, some of the showed parts will be comparable with yours, others will be different.

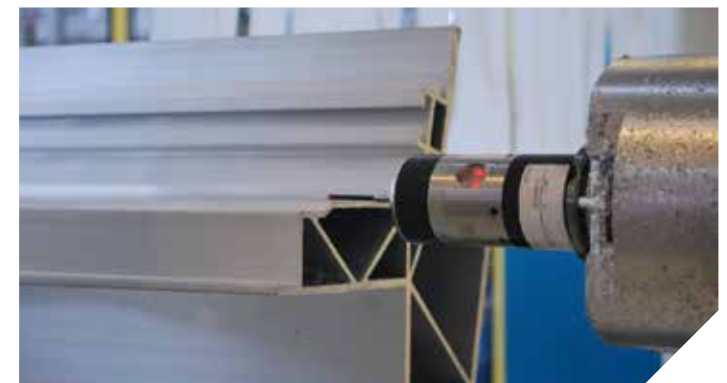
We used colors to separate our train in different parts which need to be finished on different Mubea machines. Mubea has the best solution for each of these specific parts. Choosing the

right model depends on the part length & part section. On our largest machine you're able to finish the smallest parts, but the machine will be slower and more expensive.

With the customer's input and Mubea's experience, we'll be able to offer you the best solution on the market with all necessary options to make your products as accurate and profitable as possible.



The Mega-Flex manufactured in Belgium (Moeskroen).



3D Measuring: one of our greatest benefits. It's the reason customers contact us.

CNC LATHES

CNC CONTROLLED & CONVENTIONAL



FAT has focused on the production of both conventional and CNC controlled flat bed CNC lathes. Since 2001, our product line has been extended with a modern slant bed CNC Lathe and CNC milling machine. With a sales network independent to that of the main HACO Group, about 95% of FAT's production is for world-wide export. A huge milestone was reached in 1992 when FAT produced the 50,000th machine tool. Based upon more than 60 years experience of lathe production, we are able to construct the highest quality lathes at very competitive prices.

TUR MN RANGE
The most popular series is the TUR MN range (picture), which has the biggest choice of machines with turning length from 1000mm up to 16000mm and turning diameter between 560mm and 1550mm. The newest Siemens SINUMERIK 840 D SL Manual Turn control system and AC drives make it the most modern production unit for manufacturing very complicated parts made as one-offs or in small batches.

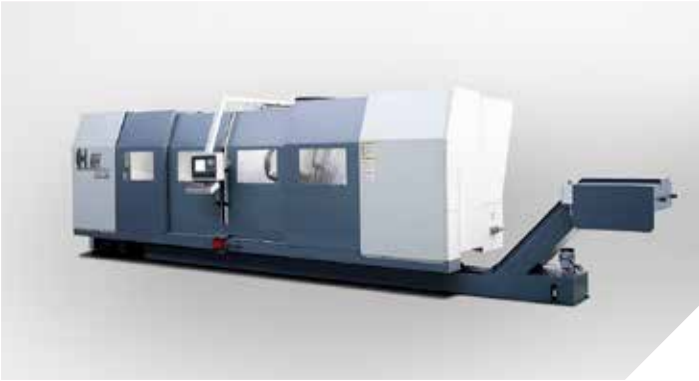


FTM 1000
The newest slant bed lathe

- RANGE**
- CNC Lathes
 - CNC Slant bed Lathes
 - Conventional Lathes

LATHES

FTM 1000
FTM 1000 is the newest slant bed lathe which gathers many innovative solutions and offers a turning diameter of 1000mm. Our machines are equipped with high quality devices delivered by the best world-class suppliers. We build each machine according to the individual requirements of the order as well as offering special, non-standard solutions to meet the customer's requirements. Provide us with any drawing or part and our in-house specialists can recommend the most suitable machine and configuration to meet your requirements.



We recently modernised our slant bed lathe type FCT 700.

CNC LATHES

CUSTOMIZED SOLUTIONS UP TO 450T



A 22-meter long and 3 meter diameter monster lathe (TUR 4MN) with a capacity of 90,000 kg. This huge CNC lathe is now almost ready for shipment to its owner in the US, Ellwood City Forge, one of the world's leaders in the open-die forging industry.

Based on our broad experience in lathe manufacturing, constant development, improvements and fulfilling our customer's requests, our products range has been expanded and includes special machines dedicated to meet extraordinary requests from our clients. We are not only focused on producing standard, small horizontal lathes. Our aim is to provide huge stand-alone machines and also manufacture complete production lines for complicated machining operations to include turning, grinding, boring and other complex operations.



The biggest lathe produced in the history of Fabryka Automatów Tokarskich company.



A production line to grind welded pipes.



The machine is used for grinding internal and external welds on ends of pipes used for transportation of gas and petroleum.

PRESSES

100 YEARS OF EXPERIENCE



BLISS-BRET is born out of the marriage of three established French companies: BLISS, BRET and Normatic.

BLISS and BRET were constructing and developing presses for more than 100 years. Normatic was the specialist in the design and the manufacturing of sheet metal feeding lines.

The know-how of these three companies, forged together in one new enterprise BLISS-BRET, gives us the opportunity to offer custom-made press-solutions for a large range of processes and for different industries.

Today BLISS-BRET offers, beneath its standard presses, custom-size



WOODWORKING MACHINES

GUILLET & CHAMBON



HACO offers a diversified and comprehensive range of industrial woodworking machinery, designed to make your job easier and safer. Thanks to years of experience and innovation, we are able to offer you multi-purpose machines that provide great results and are still easy to use. They are robust and will yield years of professional, high quality results.

Craftsmen as well as large industrials will find the range interesting and wide enough for their various purposes. Find out more about our various woodworking machines below. Don't hesitate to contact us should you have any more questions.

CHAMBON was created in the middle of the 20th century. The company established itself in Cousance, a small village in the Jura, a region of great tradition of clock-making and precision mechanics.



- RANGE**
- Band Saws
 - Vertical Panel Saws
 - Panel Saws
 - Surfacers
 - Thicknessers
 - Spindle Moulders
 - Tenoning Machines
 - Four Sides Planers
 - Sanding Machines
 - Combined Machines
 - Mortising Machines
 - Edge Banding



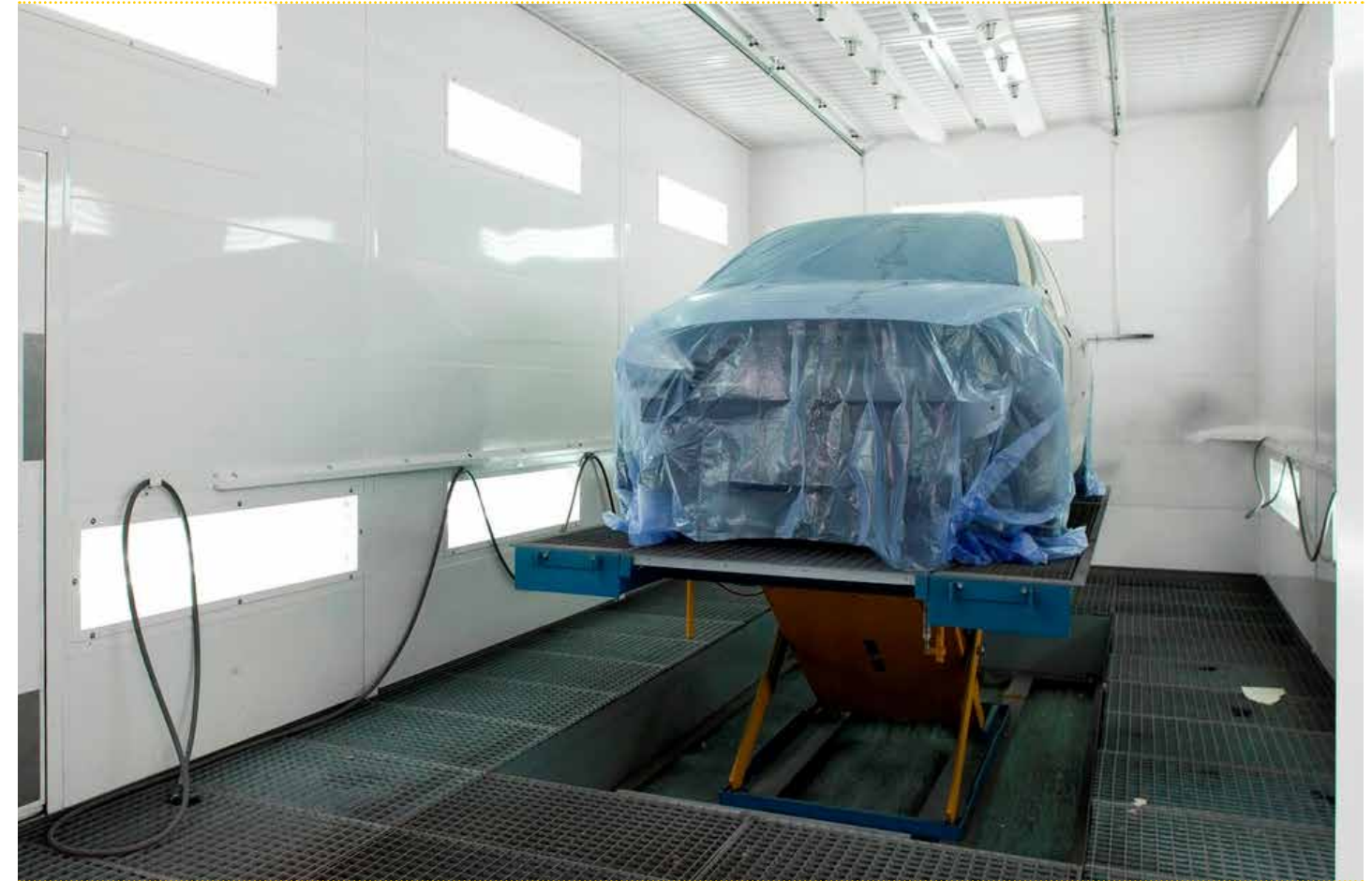
SURFACE TREATMENT

CUSTOMIZED SOLUTIONS



Sima is a part of the Saca Group. The Saca Group designs, manufactures and distributes a range of products related to the paint and surface application. The Saca Group with its headquarters in Belgium has sales offices in Belgium, France, Germany, Slovakia, Poland, Russia and South America, but its customers are located all over the world.

The Saca group engineers, produces and distributes a variety of products connected with paint processing and surface treatment. The Saca product line consists of complete painting lines for OEM with robotic and automatic systems for paint distribution, over painting and drying booths for metal or wood industry, over hydraulic and pneumatic platforms, up to complete car bodyshop installations. Saca provides the complete package.



Sima paint booths for the car industry.



Sima paint booths for the aerospace industry.

HOT AIR GENERATORS

WOOD BECOMES ENERGY



The Bio4Heating range of machines is an excellent solution for wood-heating-systems, giving a very high efficiency rate as well as the full respect of our nature and of the main international norms against pollution.

The best way to obtain an excellent result from wood is to add one of our feeders to a hot air generator. Above this, we also offer a pure Italian design, which helps to place our heating units everywhere in your buildings.



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 - Briquetting press
 - Pellet Stoves
 - Grinders



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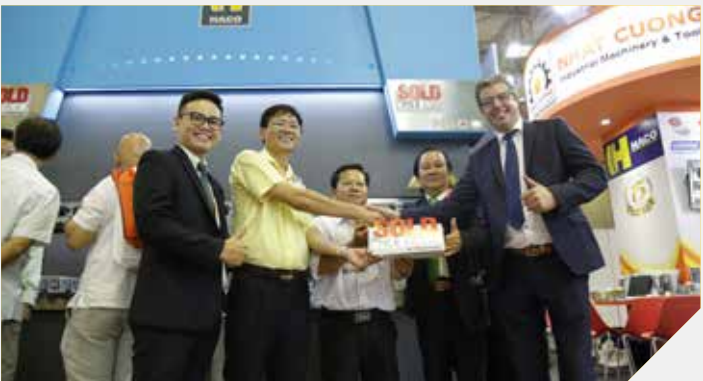
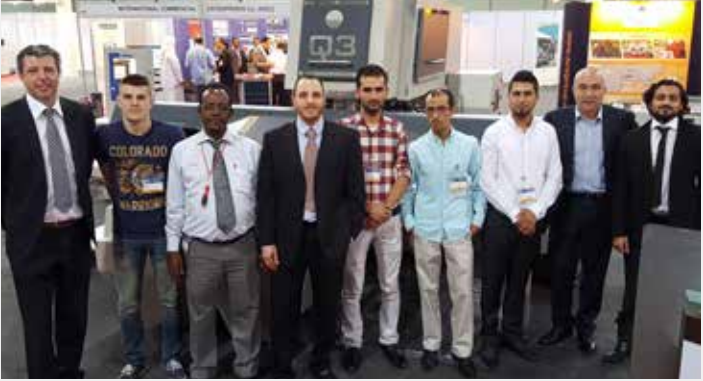
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