

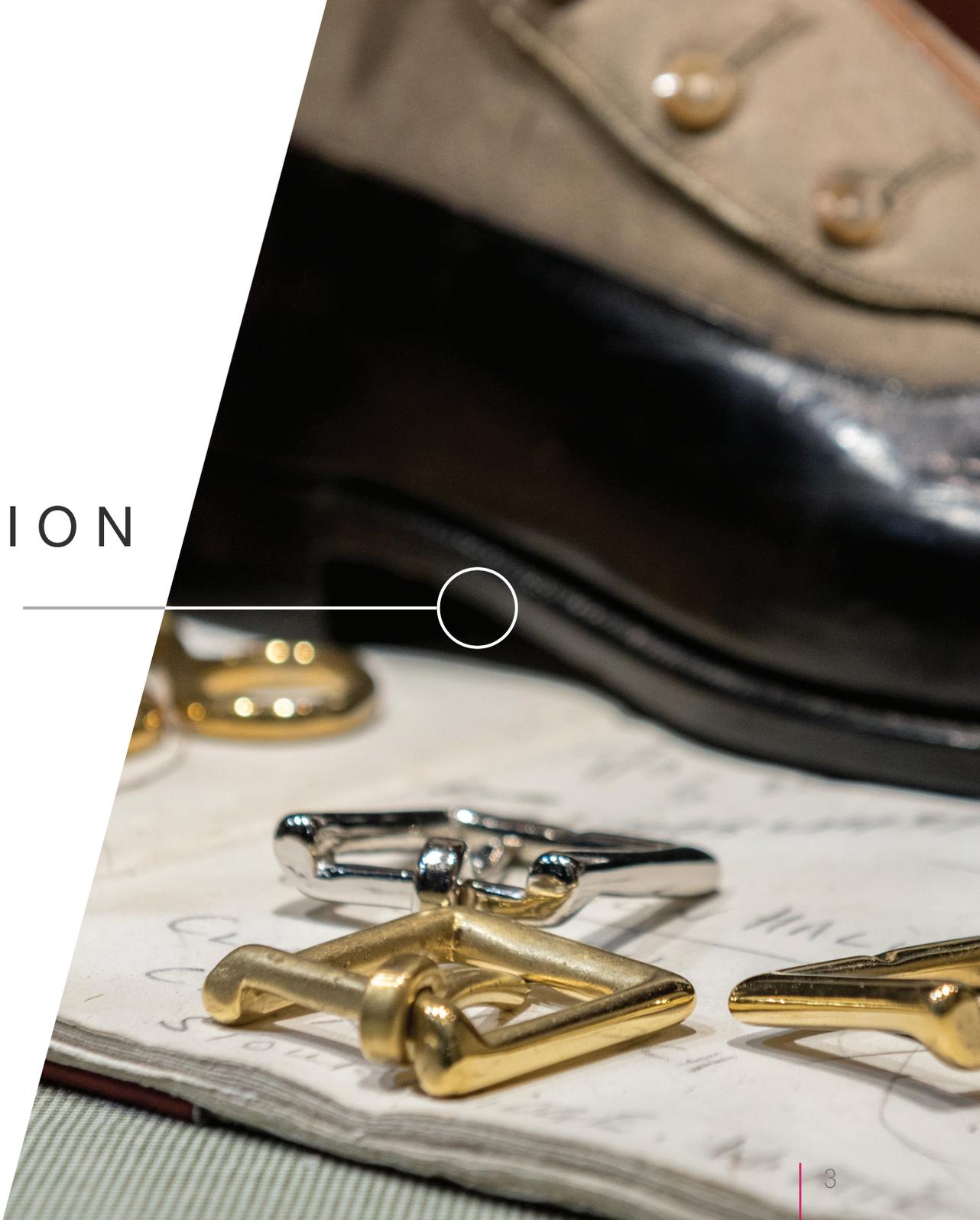


FPM.

Complete production solutions
*for brass fashion
accessories*



THE AUTOMATION OF TRADITION



FPM Group, leader in the designing and manufacturing of machines and complete lines for brass hot forging, got deep expertise in the supply of turn-key systems **for the production of forged components in the field of fashion accessories.**

*Maximum productivity
aiming at the highest quality*

COMPLETE SYSTEMS FOR BRASS HOT FORGING

We design your production process.
From the billet to the finished component,
turn-key.



Check the video



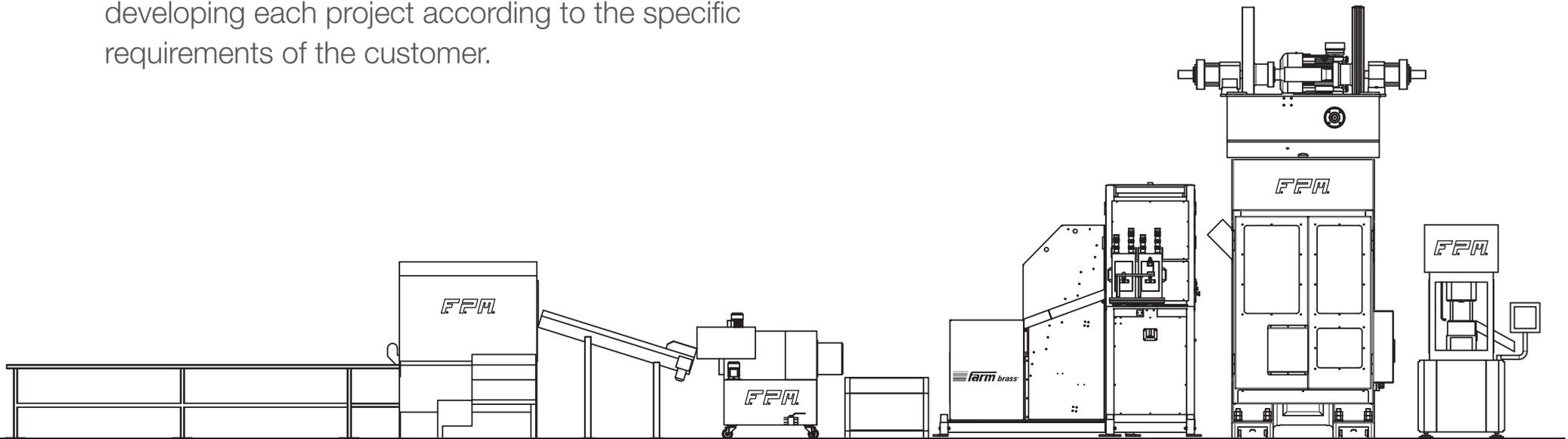
FPM.
P R E S S E

farm brass®

FTB

COPRESS

Thanks to the cooperation among the companies of the group, FPM Group builds complete production systems for the fashion industry, developing each project according to the specific requirements of the customer.



BILLET CUTTING SYSTEMS

WASHING

HEATING

AUTOMATIC
FORGING

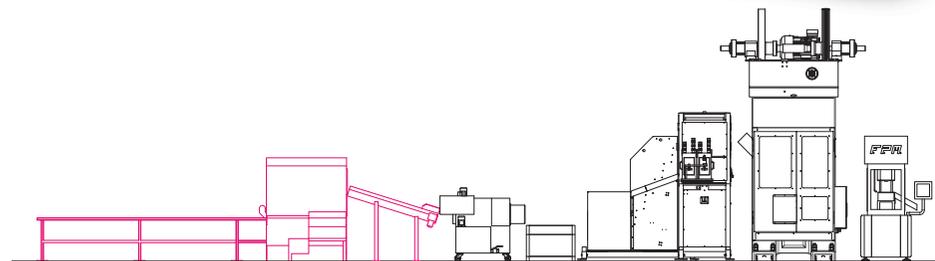
TRIMMING



SAWING MACHINES

Sawing machines for bars, complete with automatic loader and safety protection.

High speed and accuracy of the cut



BILLET CUTTING

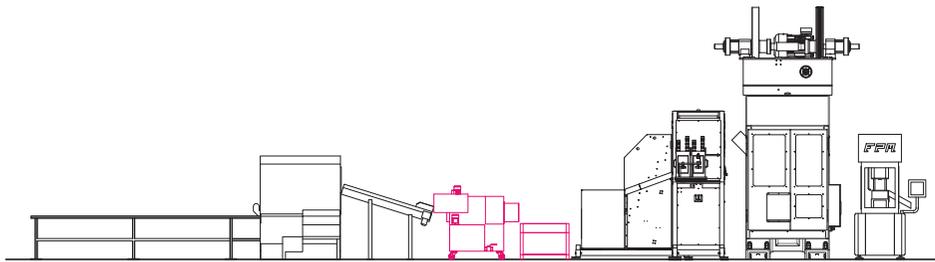
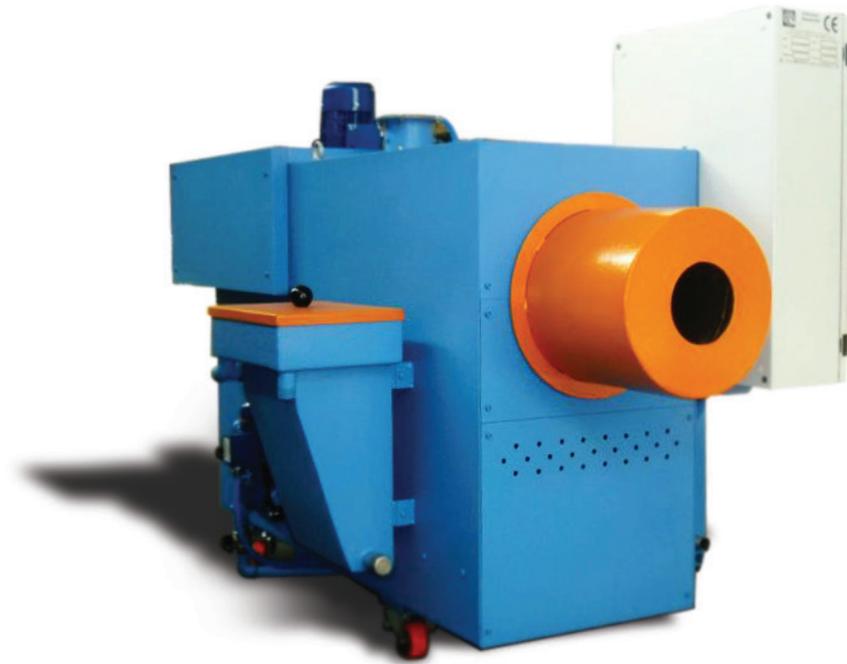
AUGER TYPE WASHING MACHINES

Specific for the fashion industry,
even for billets with small diameter.

**Billets without scale
and impurities**

Water washing

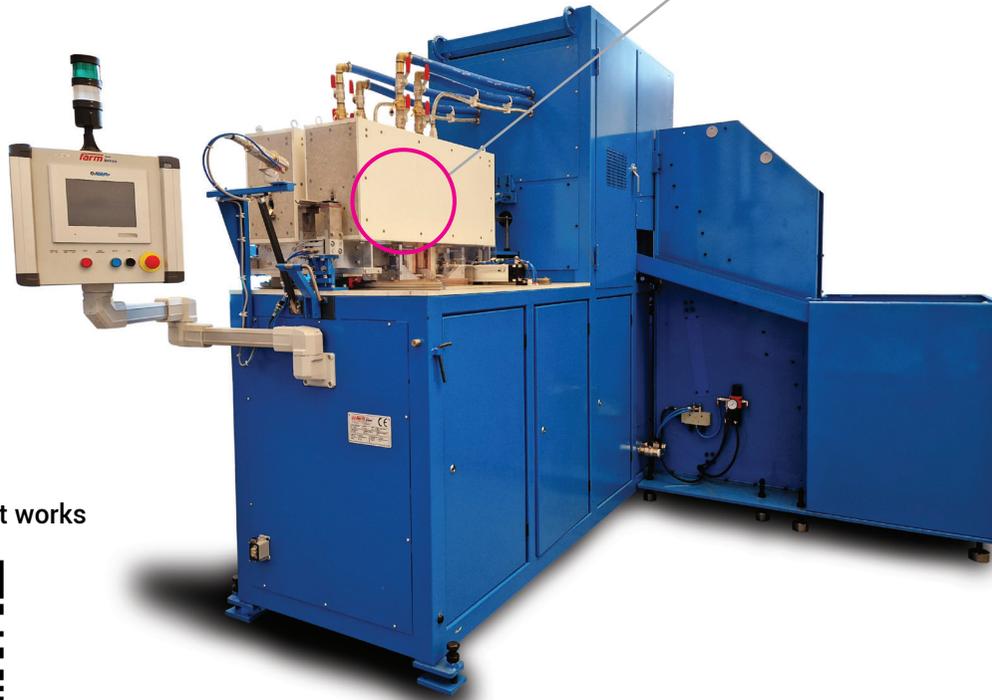
Hot drying



INDUCTION FURNACES

Completely automatic loading furnaces with multi-blade loader, feeding and unloading, arranged for the synchronization with the press for the automatic forging.

Automatic inductor's change



Check it while it works



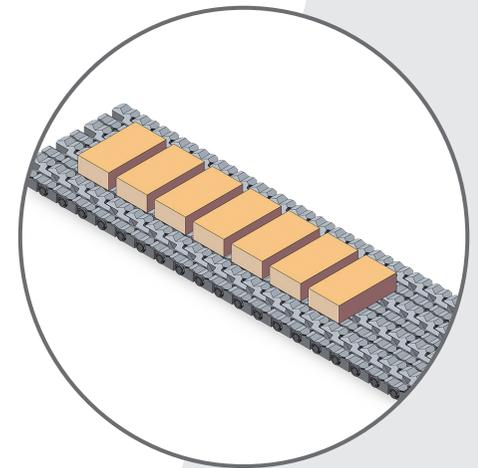
Maximum accuracy, speed and production flexibility

High efficiency with minimum energy consumption



GAS FURNACES WITH BELT/RAILS

Heating zones managed through temperature control by pyrometer or thermocouples in the heating chamber, with modulation of the flames for a perfect temperature uniformity and improved energy saving.



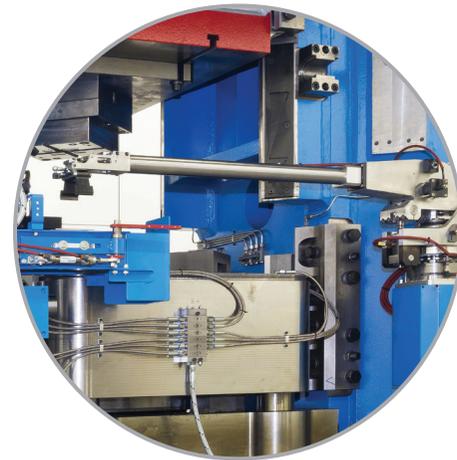
**Uniformity of temperature
and energy saving**

**Innovative extremely
efficient burning**

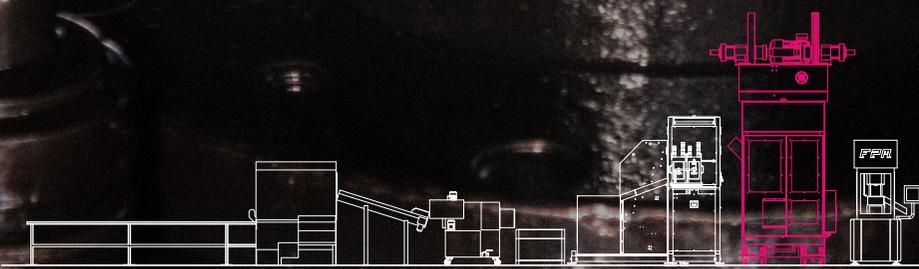
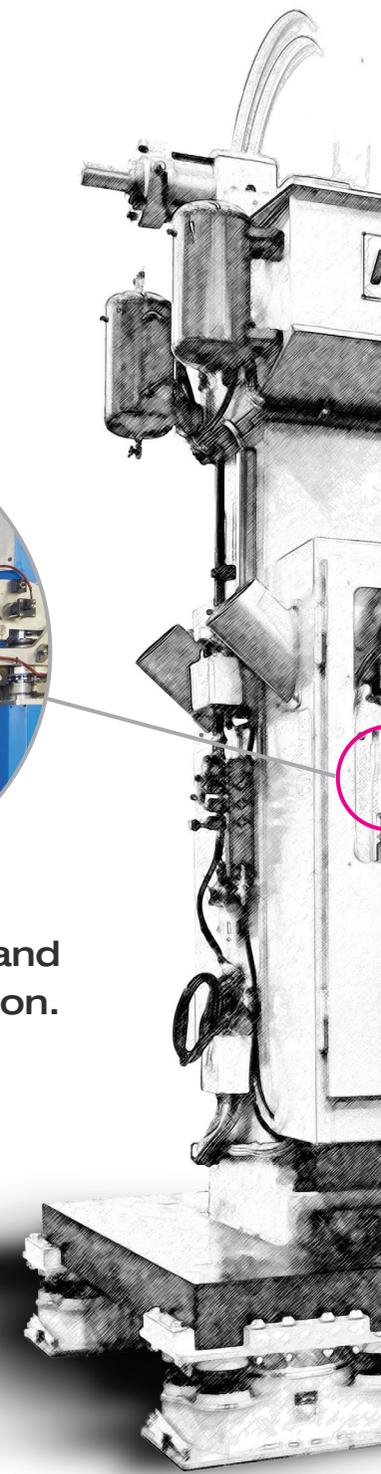


FORGING

FPM's friction screw presses are designed to reduce set-ups and regulations, allowing for the setting and storage of all the working parameters



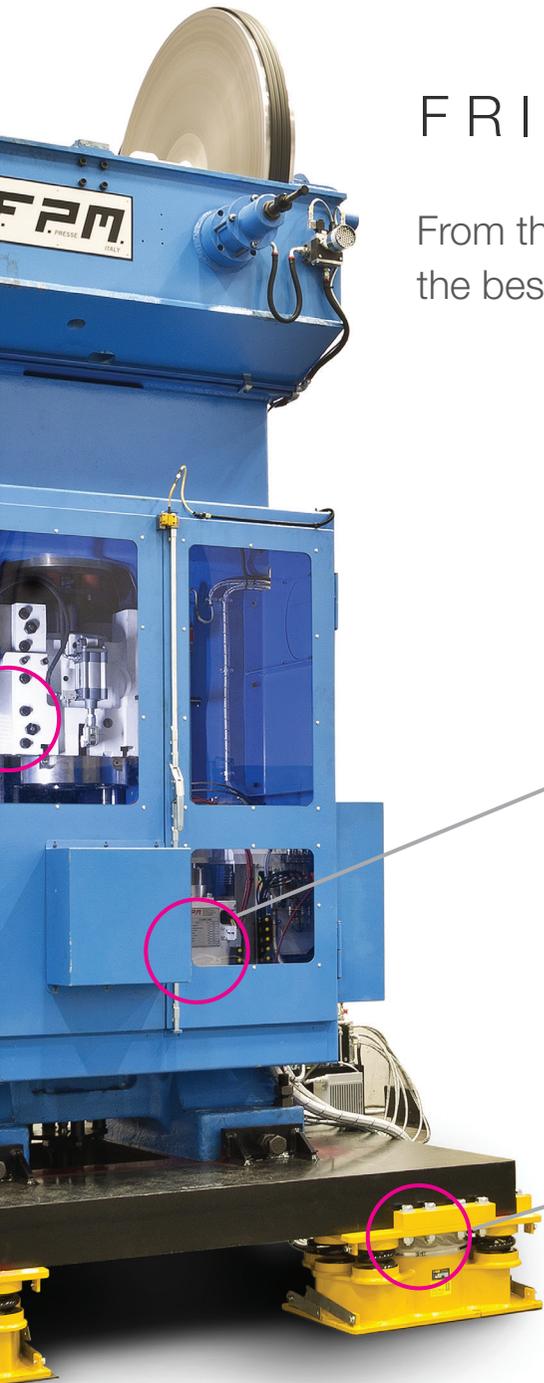
Electronic loading and unloading automation.



FRICTION SCREW PRESSES

From the experience of FPM Group born the best hot forging machines.

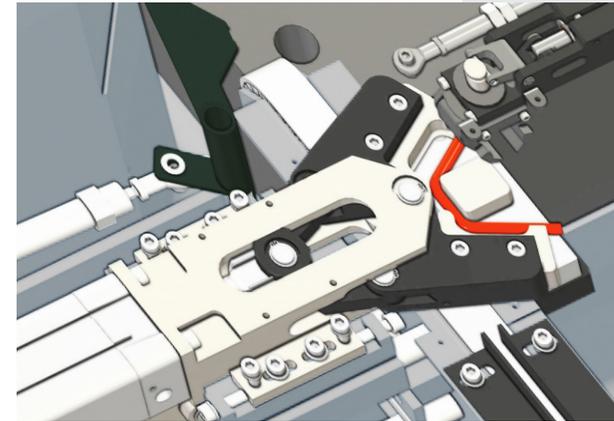
Pre-forming systems for a dramatic raw material saving and consequently reduction of the billets weight.



Hydraulic self-centering dies holding systems



Anti-vibration systems



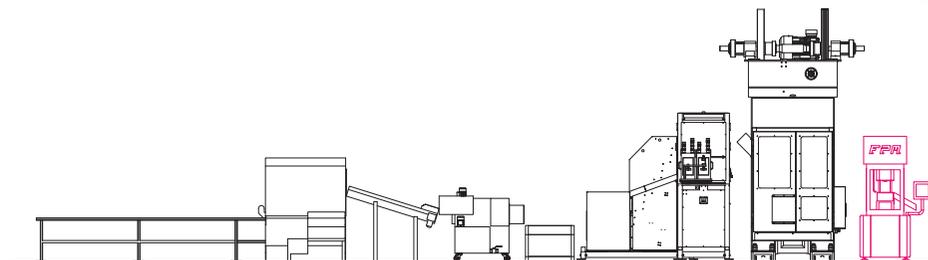


MANUAL LOADING PRESSES

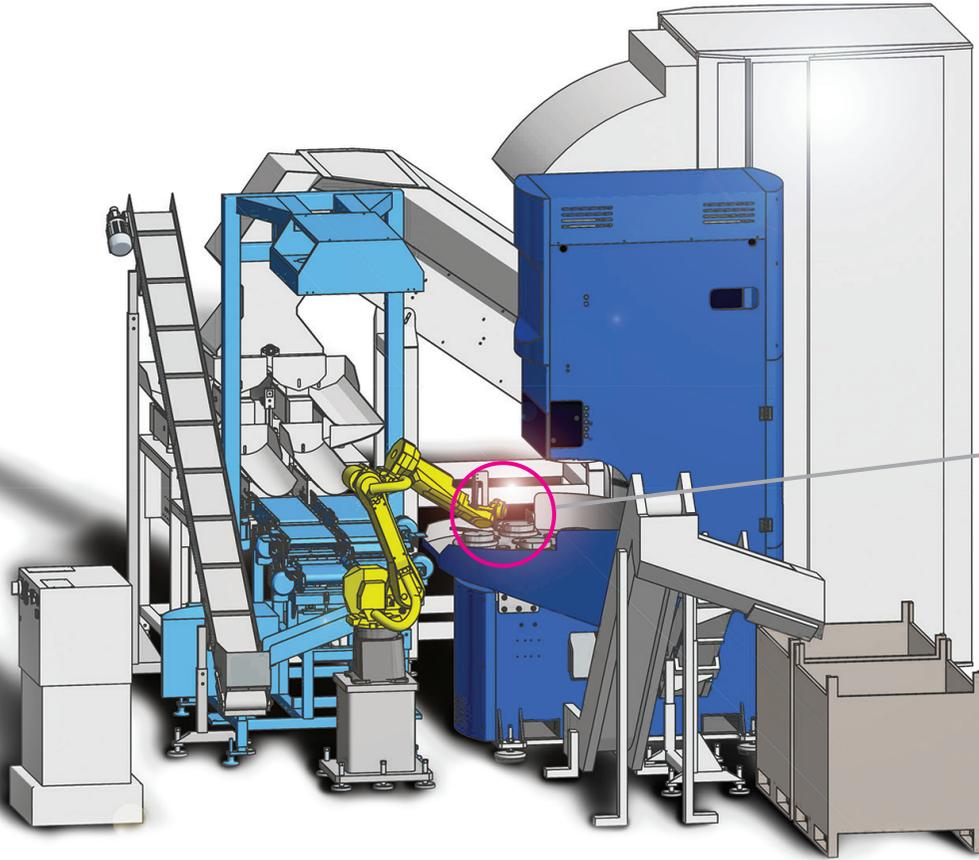
Hydraulic and electric four columns presses for the manual trimming operation with lower and upper ejection systems.

High approaching speed

Complete control of trimming speed

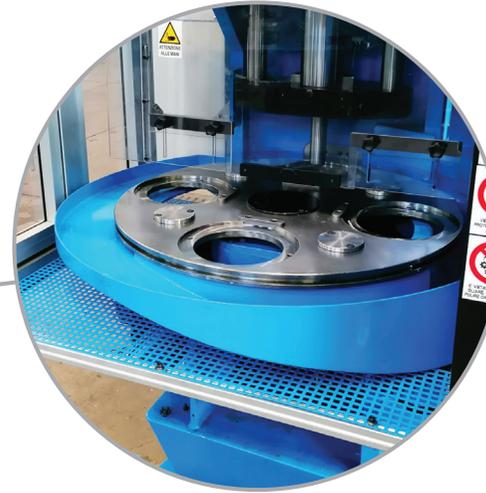


ROBOTIC TRIMMING CELLS



Parts selection and optical vision systems associated with robotic loading

Presses with rotary table, hydraulic and/or electric



Accurate and high quality trimming





SUSTAINABILITY

Sustainable production and social responsibility.

Each action and each project that a company starts, has consequences on the environment where it operates from economical, social and environmental point of view.

FPM Group chose to act responsibly, including green and sustainable energy sources and carrying out practices inspired by ethics and social responsibility.



QUALIFIED AFTER-SALE SERVICE

Warranty of stable functioning
of the systems

A wide stock of spare parts stored in electronic warehouses
guarantees an immediate restart of production in case of damage
or failure.

Scheduled Maintenance programs reduce intervention to
the minimum level, with a fundamental role for the Return on
Investment of our customers' plants.

FPM Group offers a post-sales service of remote assistance or on
site intervention with a team of well experienced engineers.



Electrical and remote
assistance



Engineering
assistance



Mechanical
and process assistance



Stock of spare parts stored in
electronic warehouse

SERVICE



REMOTE ASSISTANCE



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