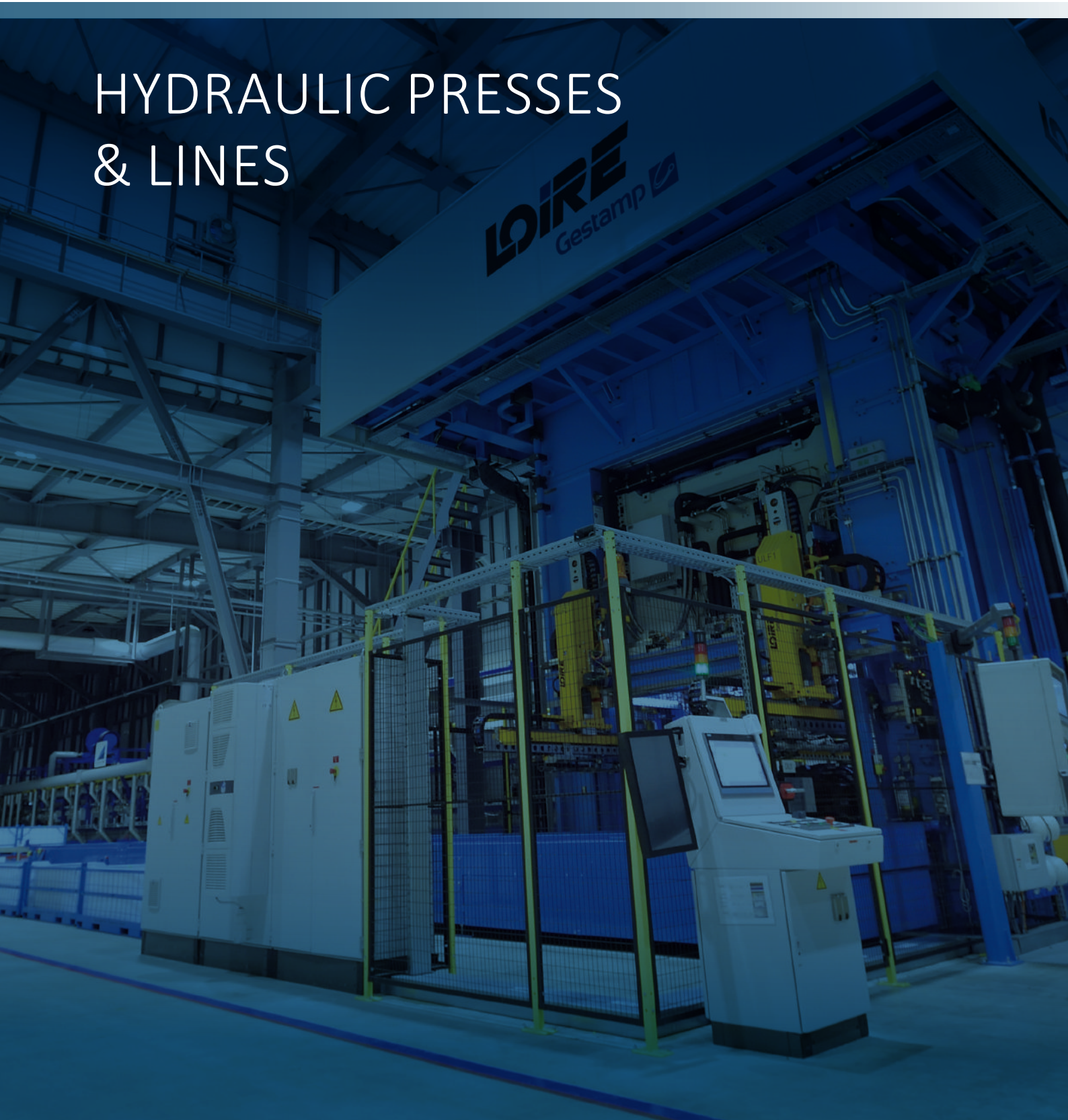


# HYDRAULIC PRESSES & LINES





Loire Gestamp is a company engaged in the design and manufacturing of all types of hydraulic presses. It designs and builds presses for a wide variety of uses, with the help of different types of technology to achieve the best results for our clients' products.

The company was founded in 1962 and came into being in 2011 following the acquisition of Loire Safe by the Gestamp group, leader in the design and fabrication of metal components for the automotive sector.



LOIRE GESTAMP

is Spain's largest manufacturer of hydraulic presses



Projects in  
**+20**  
countries



**+170**  
workers



Reinforced  
**Aftersales  
Service**



Presses from  
**1,000**  
to 100,000 kN

It has two workshops based in Hernani and Irura (Spain) with premises of over 8,000 square metres, where presses are designed and manufactured for use in production plants all over the world.



# HYDRAULIC PRESSES

Loire Gestamp is a reference company in the hydraulic press market because of the use of the most advanced technologies and the quality-price ratio of the presses

## HOT STAMPING – PRESS HARDENING

Technology for the production of parts of high strength materials achieving a reduction of the vehicle weight and an increase of the safety.

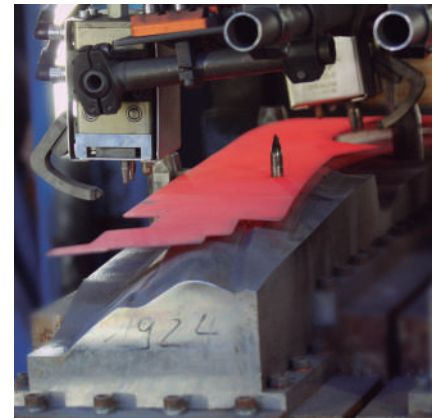
### Press capacity:

From 6,000 kN up to 24,000 kN

>> Turn-Key Solutions

>> Production capacity: up to 2.000.000 strokes/year

>> Up to 6 parts/stroke



Direct stamping Process	Force (kN)	Bolster (mm)	Slide (mm)
SL	6,000	2,600 x 900	2,600 x 800
ML	2 x 6,000	2,600 x 1.800	2 x (2,600 x 800)
XML	2 x 8,000	3,200 x 3,200	2 x (3,200 x 1,550)
XL	2 x 12,000	2,600 x 3,700	2 x (2,600 x 1,700)
Door ring	16,000	3,000 x 2,250	3,000 x 2,250

Indirect stamping Process	Force (kN)	Bolster (mm)	Slide (mm)
	20,000	3,300 x 2,200	3,300 x 2,200

## COLD STAMPING

These types of presses transform the steel blanks into shaped parts, which are ready for use by applying pressure from the press and its different components.

### Press capacity:

From 1,000 kN. up to 30,000 kN.

>> Turn-Key Solutions

>> G1 and G2 lines

>> Line cycle time:  
up to 10 strokes/min



## TOOL MAKERS – TRY OUT

Presses for testing and trying dies allow customers to make prototypes and produce pre-series with complete support from our professional team to achieve the required results.

### Press capacity:

From 1,000 kN. up to 30,000 kN.

- » Turn-Key Solutions
- » High Speed Presses
- » Direct Drive or Accumulators
- » Parallelism control
- » Shock absorbers



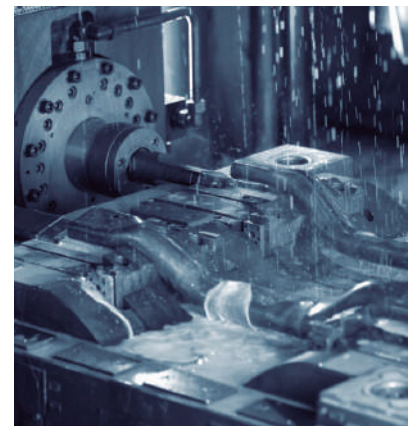
## HYDROFORMING

This process shapes parts by injecting high pressure fluid for forming plates and/or tubes. This technology is mainly used to manufacture automotive or aircrafts parts.

### Press capacity:

From 1,000 kN. up to 50,000 kN.

- » Turn-Key Solutions
- » High accuracy control of the hydraulic functions



### FORGING



Press capacity: From 1,000 kN. up to 75,000 kN.

### AEROSPACE



Press capacity: From 1,000 kN. up to 100,000 kN

### PLASTIC AND COMPOSITES MOULDING / COMPRESSION



Press capacity: From 1.000 kN. up to 20.000 kN.

### SERVOPUMPS



Adapted solutions for customer's requirements and energy saving

# INNOVATION & INDUSTRY 4.0 / LOIRE SERVICE

Loire Gestamp is firmly committed to Research and Development (R&D).

We have consolidated our R&D department to focus on addressing the optimization and innovation of the stamping lines we manufacture.



The monitoring service provides Loire Gestamp a wide range of data inputs which are being fully analyzed and used so as to put improvements, measurements and detailed training solutions into use – INDUSTRY 4.0

Loire Gestamp's expertise has been recently used to implement Industry 4.0 in our Hydraulic Press lines. Many Hot Forming Presses have been successfully monitored worldwide.

This extra service provides a full range of information through data analysis about every single Forming Press line in order to be used to detect warnings and potential solutions.

Also through this data analysis, Loire Gestamp's R&D Department is focused on identifying and defining the main potential improvement fields where higher Productivity – Quality improvement shall be obtained.

## LOIRE SERVICE

Aftersales Service is being reinforced to guarantee high qualified support and technical response with the main goal of becoming an External Strategic Consultancy and a high technological close partner.



SAFETY



RELIABILITY



EFFICIENCY



OPTIMIZATION

Loire Gestamp's Service Department is constantly developing new products, services and solutions. The department structure includes management, engineering, industrial and onsite technicians.

### SERVICES

TELEPHONE  
ASSISTANCE



PREVENTIVE  
AND  
CORRECTIVE  
MAINTENANCE



RETROFITTING



TRANSFER/  
AUTOMATION/  
ROBOTS



YEARLY  
SECURITY  
INSPECTIONS



STAFF  
TRAINING



RELOCATION







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 More Information

