

CAST IRON

Flexible casting facilities at your service



RESPONSIVENESS

KNOW-HOW

DEVELOPMENT

an activity of



PTP INDUSTRY
All Power Transmission Products know-how

www.ptp-industry.com

**Entrust your
projects to us!**

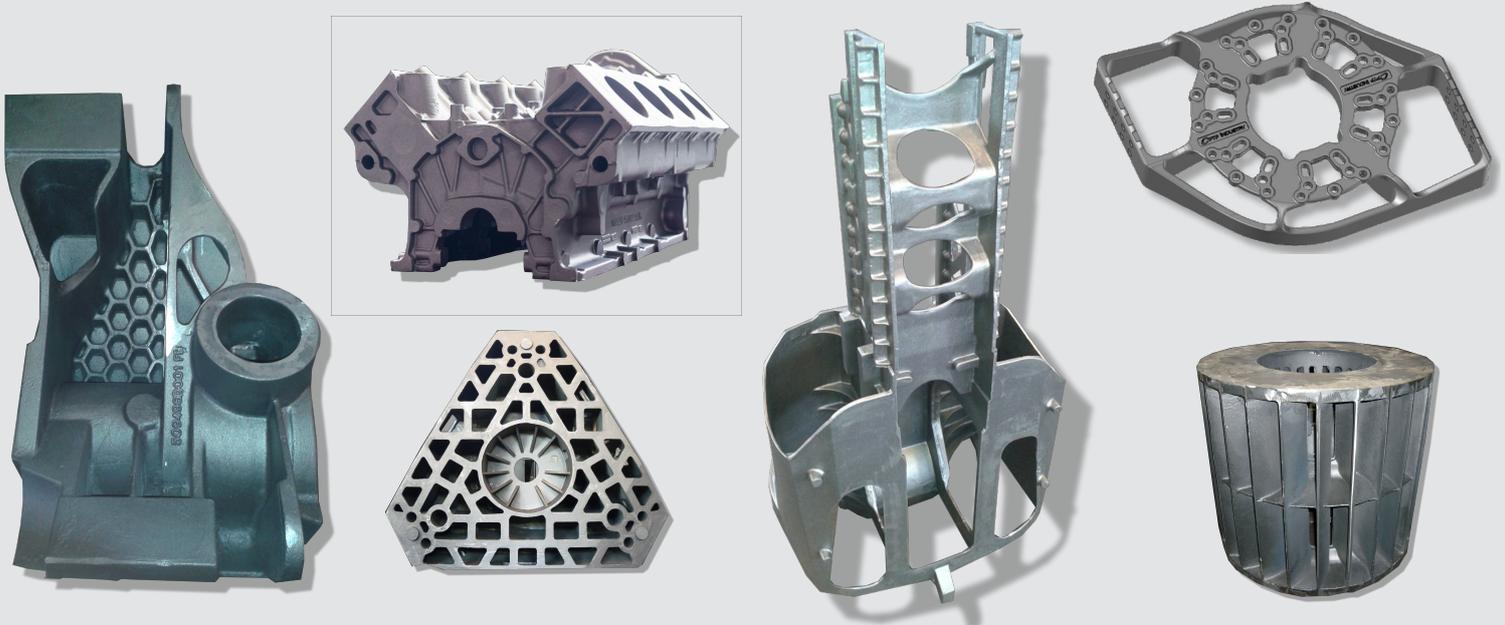
Foundry-operators since 1948 and now working in a new foundry built in 1991, we have a significant experience and excellent skills of all the industry-specific aspects.



Our CAST IRON production capacity

- Two induction furnaces with a capacity of 2 tonnes each.
All grades of Lamellar (EN-GJL) or Spheroidal (EN-GJS) Graphite Cast Iron
ADI cast irons – Special cast irons – White cast irons
 - Rigid frameless moulding
 - > ALPHASET line: parts from 80 to 750 kg, 1400 x 1400 x 2*400 mm moulds
 - > BETASET line: parts up to 100 kg, 600 x 600 x 2*220 mm moulds
 - > Hand moulding line: parts up to 3.5 tonnes, 3000 x 3000 mm
 - Capacity: 300 tonnes/month
- » **Rigid moulding:** high-precision shapes
» **Quick tool change-overs:** suited to small production batches
» **Qualified engineers:** assistance for designing parts
» **High flexibility:** short lead-times

Our know-how allows us to satisfy all requests for one-off parts or small production batches on wood/resin or polystyrene patterns.



Our References

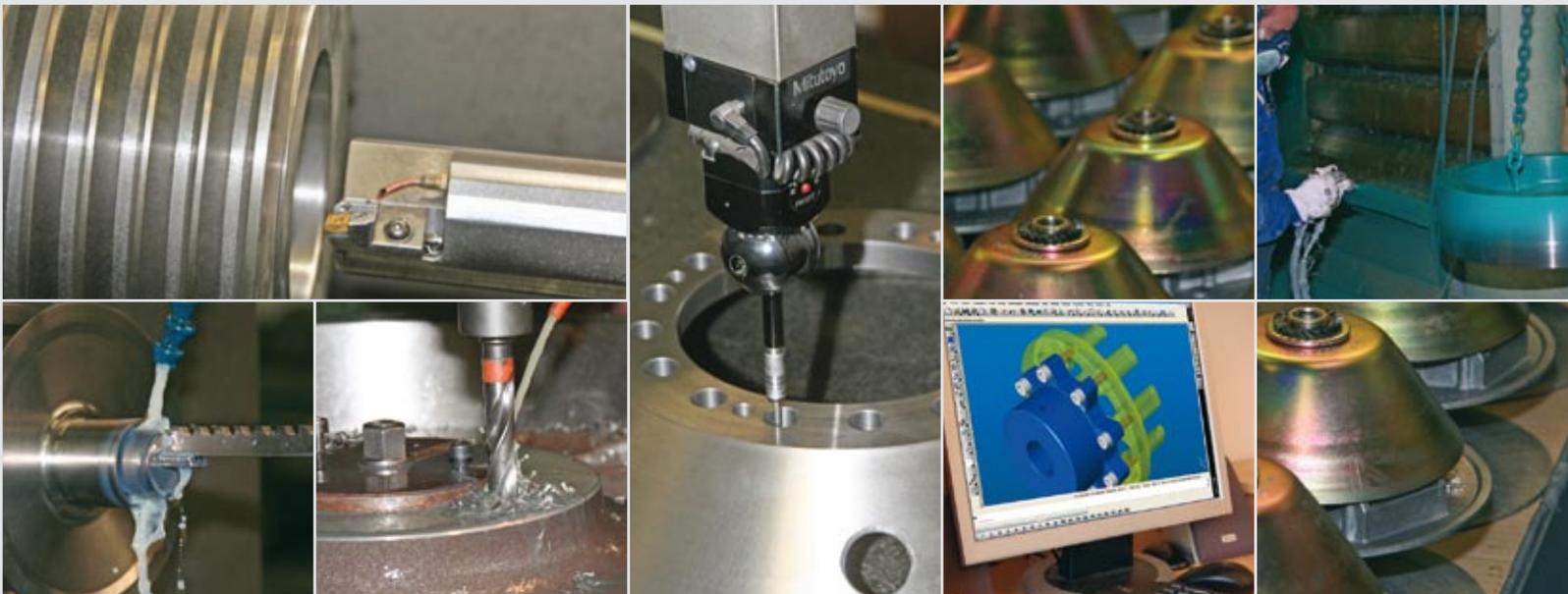
- OEM for Special Machines for Automotive and Aerospace:
 - > Components for Steel-sheet benders
 - > Frames
- Vacuum Pumps Manufacturer
 - > Housings
 - > Rotors
- Manufacturer of Fluid Control Devices
 - > Valves Bodies
- Manufacturer of Satellites
 - > Rotating support for satellite assembly

» **Make of prototype Polystyren patterns:** short deliveries

» **3D Printed moulds:** Accuracy of complex shapes

» **Optimizing of designs**

Our 60-year experience in machining cast iron parts enables us to meet all your needs efficiently.



Machining capacities suited to your needs

PTP usinage

- Vertical lathes: diameter < 1600 mm with NC - 6 tonnes
- Vertical lathes: diameter < 2900 mm, conventional - 10 tonnes
- Horizontal lathes: diameter < 810 mm – shafts up to 2000 mm long
- Horizontal milling centres: 1000 x 1000 x 800 mm
- Vertical milling centre: 2500 x 1250 x 1000 mm
- Broaching & keywaying, flat and cylindrical grinding
- Fitting & assembly
- Static and dynamic balancing
- Surface protection (paint, chemical plating)

» **One-off parts to small production batches**

» **CMM inspection**

» **High flexibility: short lead-times**

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PTP usinage

an activity of **PTP INDUSTRY**
All Power Transmission Products know-how

Our speciality: working cast iron



DESIGN / DEVELOPMENT

MANUFACTURING

ASSEMBLY

an activity of

 **PTP INDUSTRY**
All Power Transmission Products know-how

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***Entrust your
projects to us!***

All foundry solutions with or without machining

PTP foundry brings together complementary, specialist activities on its sites to offer each customer optimised lead-times and know-how for casting + machining cast iron parts.



Our Raon l'Étape site



 **PTP fonderie**

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