

Industeel



ArcelorMittal

Heavy Processing Division

Heat Treatment

Forming (cold/hot)

Processing (gas cutting, shotblasting)

Ultrasonic testing, dye penetrant testing,
and magnetic particle inspection



Our tailor-made solutions

Industeel France, Saint-Chamond plant, is a heavy fabrication division of parts up to 100 metric tonnes and 500 mm thick.

Its multiple and large-scale equipment allows it to produce, form, or repair large pieces.

2 MOBILE HEARTH FURNACES

- Maximum temperature: 1200°C
- Capacity: 100 metric tonnes
- Length: 11 m - Width: 4.9 m - Height: 3 m
- 24 burners in 5 zones
- Digital recorder: quarterly calibration periodicity
- Centralized supervision control



Mobile Hearth Furnace

- Maximum temperature: 1200°C
- Capacity: 100 metric tonnes
- Length: 13.5 m - Width: 4.5 m - Height: 2.5 m
- 24 burners in 4 zones
- Digital recorder: quarterly calibration periodicity
- Centralized supervision control



Mobile Hearth Furnace

1 BELL TYPE FURNACE

- Maximum temperature: 750°C
- Capacity: 100 metric tonnes
- Length: 15.5 m - Width: 7 m - Height: 6.15 m
- 16 burners in 4 zones
- Digital recorder: quarterly calibration periodicity
- Centralized supervision control



Bell Furnace

WATER QUENCH TANK

- Capacity : 470 m³
- Length: 14.1 m - Width: 8 m - Depth: 5 m
- Water temperature control: quarterly calibration periodicity



Water Quench Tank

Quality heat treatment

- Top-quality heat treatment furnace capacity and cooling means, carefully controlled to perform a variety of heat treatments under optimal conditions, on parts of different shapes.
- A shotblasting cabin of 30 m² able to process all types of parts.
- Gas cutting on steel parts up to 400 mm thick.

Shotblasting



Free Jet Cabin

SHOTBLASTING EQUIPMENT

- Mobile trolley : 50 tons
- Dimensions: Length: 6 m - Width: 4 m - Height: 4.9 m
- High carbon blasting shot HG18 and G18

Forming (cold/hot)



Presse 1 200 T

1 HYDRAULIC (OIL) COLUMN PRESS WITH COLUMNS

- Capacity: 1,200 tons
- 1 pushtype hydraulic jacks
- Width: 4.6 m - Height: 4.16 m - Length: 4.6 m

1 HYDRAULIC (WATER) PRESS WITH COLUMNS

- Capacity: 12,000 tons
- 2 pushtype hydraulic jacks
- Width: 4.9 m - Height: 3.5 m - Unlimited length



Presse 12 000 T

- Cold or hot bending
- Shell rolling by successive folds
- Cold or hot straightening
- Cold or hot shrink fitting and crimping
- Pressure testing

Gas cutting



Gas cutting Numerical Control Cutting Gantry

GAS CUTTING GANTRY

- Numerical control
- Usable dimensions: Length: 15 m - Width: 5 m - Depth of cut: 400 mm
- Supports
- Oxygen / Natural gas
- Capacity: 30 metric tonnes



ArcelorMittal

Smarter steels for people and planet

Please scan this QR code to find all our certifications: ISO 9001, ISO 14001, ISO 45001, ISO 50001, ASME III.



For more information

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