

HORMESA – FURNACES AND FOUNDRY EQUIPMENT



YOUR PARTNER FOR YOUR INDUSTRIAL FOUNDRY PROJECTS

QUALITY

RELIABILITY

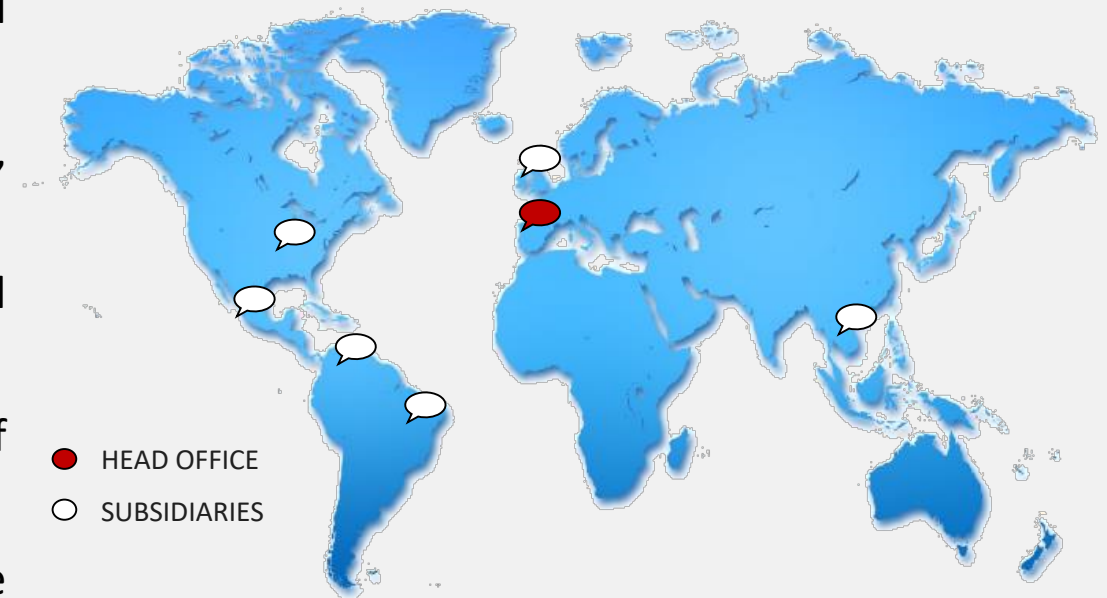
INNOVATION

ABOUT US

PRODUCTS AND SERVICES SADAPTED TO EACH CUSTOMER

- **Complete solutions** for the aluminium foundries
- **30 years of experience** manufacturing furnaces and equipment for the foundry industry
- Complete manufacturing of our products in Madrid, **European quality EC approval mark**
- **Worldwide presence** with a Research plant in Scotland and subsidiaries in USA, Mexico, Colombia, Brazil and Thiland
- Widely experienced **engineers and operators** (average of over 10 years experience)
- **Advice and management** of turn – key and custom made projects

WORLDWIDE PRESENCE



STOTHERM : SHAFT HOLDING FURNACE FOR ALUMINIUM DIE PRESSURE CASTING

HIGH QUALITY FURNACE DESIGNED IN OUR SITE

- Over 450 references
- Several furnaces operating for die casting to guarantee optimum quality of the product
- Main **references in the French market:** Saint Jean Industries, Renault, Lebelier, SAB, Bronze-Alu, Autolive
- Easy to use and maintain, **reliable consumption and long servive life, over 7 years**
- Possibility of continuous degassing, filters, automation, etc...
- **Different models** (kg Al) : 800, 1200, 2000, 3000 and 5000kg



[More information at www.hormesa .com](http://www.hormesa.com)

OTHER FURNACES FOR ALUMINIUM MELTING

- **MELTING FURNACES** Tower furnaces, reverberatory furnace, medium frequency induction furnaces.
- **Based on the needs of each customer:** continuous production mode, flexibility (alloy changes), maximum production
- **MELTING AND HOLDING FURNACES**
 - Melting rate: from 80kg/h up to 600kg/h
 - Optimum quality separated chambers
 - Possibility of continuous degassing and feeding fine parts and sprues
- **CRUCIBLE FURNACES** Tilting or fixed / gas or electrical heated



OUR KNOW-HOW

RESEARCH AND DEVELOPMENT

Based on our constant improvement policy, Hormesa is continuously investing in research and development projects. Our latest projects under study are:

- **ULTRAGASSING:** Aluminium degassing by ultrasound
 - Reduction of slag during degassing
 - Improvement of degassing degree
- **HARDALU:** thermal treatment through fluidized bed
 - Reduction of the treatment cycle
 - Improvement of the mechanical properties of the parts: residual stress and distortion

EQUIPMENT AND SERVICES

- **TILTING TRANSFER LADLE**
 - By means of forklift truck or overhead crane
 - Totally safe transfer guaranteeing minimum temperature losses
- **DEGASSING SYSTEM**
 - In the transfer ladle or directly in the holding furnace
 - Possibility of injecting fluxes
- **CONTINUOUS FILTERS**
- **INTERNAL RECYCLING OF THE SCRAP**
 - Swarf drying: from 100 tons / month
 - Medium frequency induction furnace for melting swarf and scrap
 - Rotary furnace for melting dross

HORMESA IS COMPRISED OF A DYNAMIC AND QUALIFIED TEAM PROVIDING THEIR KNOW-HOW AND EXPERTISE TO THEIR CUSTOMERS

WE PROPOSE VARIOUS SOLUTIONS ADAPTED TO THE DIFFERENT NEEDS OF OUR CUSTOMERS THUS SETTING UP STRONG AND CONSTRUCTIVE RELATIONSHIPS WITH THE FOUNDRY INDUSTRIES.

IF YOU HAVE ANY QUERIES OR PROPOSAL PLEASE REFER TO OUR SALES MANAGER, MR. JOCELYN ADAM WHO WILL BE PLEASED TO HELP YOU

YOU MAY FIND ALL THE INFORMATION CONCERNING OUR COMPANY VISITING:



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