





Company history and evolution

Revas Technologies was founded in 1980 as a workshop specialized in the manufacturing and repairing of machines for the steelmaking industry.

The consolidated experience acquired over thirty years of activity in this field, the constant technical evolution and a philosophy of competitive innovation have placed **Revas Technologies** at an advanced technological level.

Competence, Flexibility, Experience, Passion.

These factors have led **Revas Technologies** to play a leading role in the steelmaking field; our excellence is proven by well-planned services, the high quality of the supplied equipment and a commitment to satisfy all of the Customer's specific requirements.

Mission

Thanks to its lean and efficient structure, **Revas Technologies** can provide the promptest answers to its Clients at the order stage, during project implementation and after sales.

Our aim is to answer our Customer's needs in real time.





ctivity Areas 😞 Activity Areas

Revas Technologies designs, develops and supplies products, systems and processes for efficient and reliable steelmaking:

- Complete new plants
- Upgrading and technological improvement of existing equipment
- Rationalization of bottlenecks

ngineering

Engineering

Revas Technologies is structured to supply Turnkey Plants and Systems, including:

- · General engineering and layout
- · Utility network engineering
- Buildings and civil work
- Water treatment plants
- Electrical substations
- Oxygen plants
- · Lime plants

oare Parts

Spare Parts

Revas Technologies can provide, with the utmost rapidity, a wide range of spare parts both for Revas and for other manufacturers' machinery and equipment: gears, bearings, spindles, cylinders, hydraulic units, furnace vaults, panels, electrode arms, columns, blades for cooling bed, moulds, saw system parts, run-out table structures.





roduction Reproduction Range

EMAKINO Steelmaking

- * Scrap vard
- * Electric Arc Furnaces
- * Ladle Furnaces
- Auxiliaries for electrical arc furnace and for ladle furnace (oxygen lances, carbon lances, sampling systems, etc.)
- * Auxiliaries for meltshop (ladles, ladle cars etc.)
- * Ferroalloy plants
- Fume treatment plants
- * Automation system

Continuous Cactinu Plants Continuous Casting Plants

Continuous casting machines (billets, blooms, slabs, beam blanks)

- Ladle turrets
- Tundish cars
- Tundishes
- · High speed moulds
- · Hydraulic oscillating moulds
- · Secondary cooling systems
- Multi-unbending technology
- Mould and final stirrers
- Cutting systems (oxy-cutting and/or shear cutting)
- Transport roller tables
- Lifting transfer systems
- Turnover cooling beds
- Automation system

Rolling Mills

Flat mills

Bar & wire rod mills

Section mills

- Continuous rolling stands
- Alternated rolling stands
- Reversing stands
- Universal stands
- Shearing systems
- Straightening systems
- Cooling beds
- Finishing machines
- Stacking, packing and evacuation systems
- Process automation

Forging

- Band saw systems (ingots, rough shaped, forged)
- Ingot cars
- Mobile and rail-bound manipulators
- Free forging presses
- Press tooling (automatic hammer changing and storing)

Machines And Plants For Cement Works

- Batching boxes with metal conveyor
- Rubber belt conveyors
- Roll crushers

Material Handling Handling

- · Clamps for ingots, slabs, billets
- EOT Cranes for rolling mills and steel plants up to 300 ton





Operational Organization

Technical Department

Revas Technologies Research & Development department is equipped to deal with any plant-related mechanical, electrical, automation and software issues. Engineering is developed by means of CAD and PDM systems, integrated with the powerful ERP system for the general management of the whole supply chain.

Workshop

The company's facilities comprise a surface area of 20,000 sqm, 8,000 sqm covered; the complex includes a welding shop (up to 20 ton.) and a machine tools shop (equipped with modern, efficient, last-generation tool machines) as well as assembly and testing shops.

Project Management Department

The Project Management Department manages all the stages of the contract, from initial planning to final acceptance at the Customer's premises, using its powerful project management computer system as well as other managing tools. It guarantees to the Customer correct information and assistance throughout the entire project cycle.

AfterSales Department

The staff of highly specialized multilingual technicians provides, with the maximum efficiency, services for the installation, commissioning and start-up of the plants at the customer's premises:

- Long term assistance contracts
- · Remote assistance services
- On-call assistance services
- · Theoretical/practical training
- Spare parts (components, units, accessories, consumables, both for Revas and for other manufacturers' machinery and equipment)

Quality Assurance

Revas Technologies has developed its organization according to the requirements of ISO 9000 standards.







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