

PRODUCTION

Capacity :	Castings from 10 to 5000 kg. 35 Cast Iron grades : GJL - GJS - SiMo - NiResist - Austenitic cast iron- NiHard - White cast iron. Heat-resistant steels.
Melting:	MF Electric melting capacity 2 & 4 tons.
Boxless Molding Line:	Semi-mechanized Line—dimensions (mm) 1400x1200x(2x500). Weight range from 10 to 400 kg.
Hand Molding:	Case frame dimensions (mm) 1000x1000 to 4000x3200. Weight range from 400 to 5000 kg.
Core shop:	2 Machines from 35 & 80 liters : BETASET process. Core production from a few kilograms up to 350 kg.
Pouring:	Spectrometer ThermoFischer - Thermal Analysis - Cored Wire.
Fettling	Hanger-type shot blast machine - Ventilated fettling booths.
Finishing:	Manual shot-blasting room - Finishing workstations - Borescope
Control :	200kN tensile test machine - Impact Test - Hardness - Micrography. 3D FARO arm and Laser Probe under POLYWORKS. COFREND II certified controler : Ultrasound - Dye Penetrant - Magnetic particles. Sand Laboratory.
Painting:	Ventilated Painting Booth.
Engineering:	SOLIDWORKS CAD.

PROCESS DIGITALIZATION

