

SIME

SINCE 1970

ELECTRIC EQUIPMENT MANUFACTURING
AUTOMATION & PROCESS CONTROL SYSTEMS
HW & SW ENGINEERING AND COMMISSIONING

OUR COMPANY

SIME is an **Italian System Integrator** specialized in **Low Voltage Electric, Automation & Process Control Systems** operating worldwide in several sectors since **1970** when it was established by the entrepreneur Mr. Michele Fabiani.

The company counts on a noteworthy and recognized level of experience in the **engineering, manufacturing, software development and commissioning of both turnkey plants and the revamping of the existing ones, as well as in delivering safety systems** tailored to the overall complexity.

The company started within the **iron and steel sector** and over the years it has expanded its skills into other sectors, in particular in the **chemical industry, water treatment plant, naval sector, conveyors for handling minerals, remote control systems, paper mills, systems for energy control and generation.**

The company always aims at researching and developing the best and innovative solutions that suit the market demands, whilst being cost-efficient, labor-safety oriented and **environmentally friendly.**

SIME vision is to be a key partner for its **CUSTOMERS** whose needs are the main focus of the corporate policy.



OUR PRODUCTS & SERVICES

ENGINEERING

- Consulting Services
- Site Survey
- Feasibility Study
- Basic and Detailed Engineering (Low Voltage Electrical Diagrams, Automation/ Supervision Layout/ Networks]

PLANT SAFETY

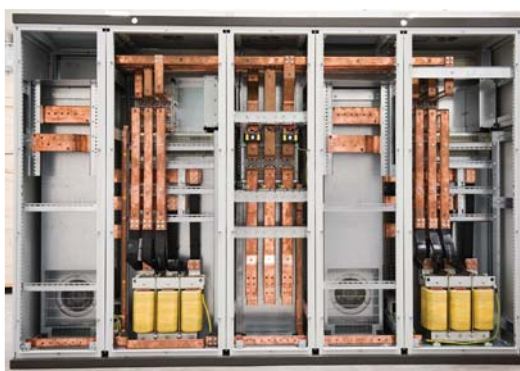
- Safety plan (Functional safety, PL/SIL)
- Supply of Safety Systems (Hardware & Logic Equipment, Software, Networks)

LOW VOLTAGE EQUIPMENT MANUFACTURE

- Power Distribution Centers (PWC)
- DC-Bus Drives with/ without Energy Recovery
- Motor Control Centers (MCC)
- Switchboard for Single AC/DC Motors
- Automation Switchboards
- Supervision Control Desks

STANDARD PRODUCTS

- HMD - Hot Metal Detectors
- LPD - Loop Position Detectors



LEVEL 1 & 1 1/2 SOFTWARE

- PLC Automation Software
- SCADA/HMI Supervision Software

STAND-ALONE & DEDICATED SOFTWARE

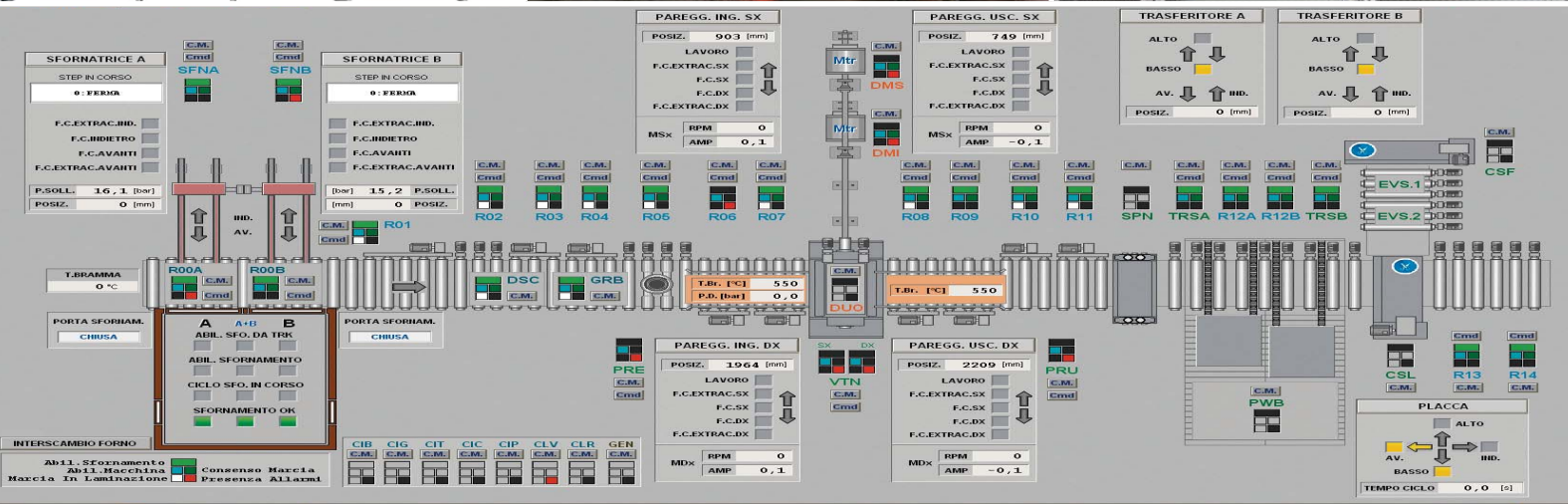
- ECS - Electrodes Control System for EAF & LF
- Meltshop Ferro-Alloys Handling
- SCS - Safety Control Systems
- Material Tracking
- Bar Discharge Optimization
- Cut to Length Optimization
- Process Optimization
- Other according Customers' specific requests

PLANT START-UP

- HW & SW Pre-commissioning
- On Site Supervisor
- Cold & Hot Test
- Start-up

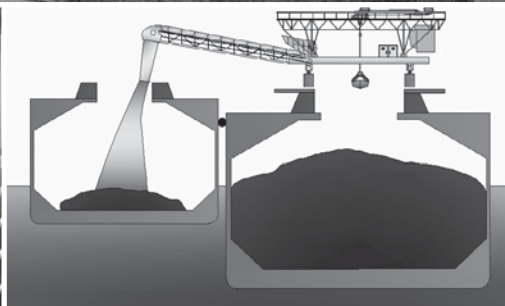
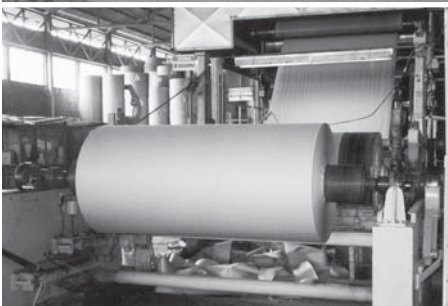
SHIPPING & AFTER SALE SERVICES

- Dedicated packaging, shipment & risk insurance if required
- Customers' Personnel Training
- Remote/On Site Assistance
- Spare Parts Supply



OUR SECTORS

- EAF - Electric Arc Furnaces
- LF - Ladle Furnaces
- ECS - Electrode Control System
- CCM - Continuous Casting Machines
- RHF - Reheating Furnaces for blooms, slabs and billets
- HRM - Hot Rolling Mills for plates, rods, wire rods, coils, grinding balls, profiles
- Cooling Area & Handling - Cooling Bed, Binding & Strapping Systems, Labelling Systems, Weighing Systems
- FTP - Fume Treatment Plants
- WTP - Water Treatment Plants
- Water and Wastewater Treatment Plants for Civil & Industrial installations
- Chemical Plants including ATEX zones
- Oil & Gas
- Naval Sector
- Handling of Bulk Materials from ships
- Remote Control Systems
- Paper Mills
- Oxygen Generating Systems
- Power Generation and Consumption Control
- Woodworking industry



**We have been designing automation since 1970
supplying over 1000 installations
in more than 40 countries**



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