

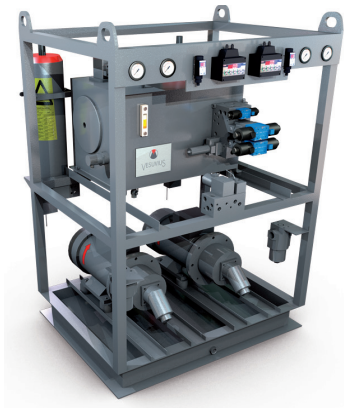
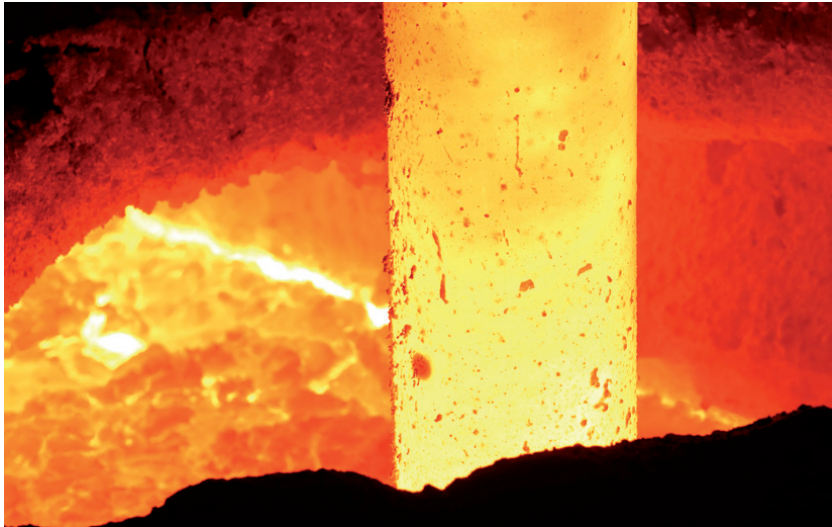
AUTOMATION



Process Control and Supervision Packages

Steel flow control

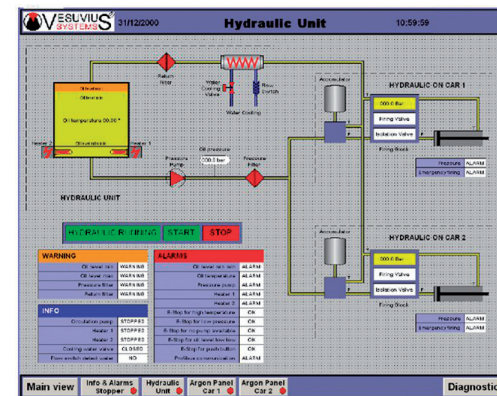
Automation and control commands to reach process control excellence



Hydraulic power unit

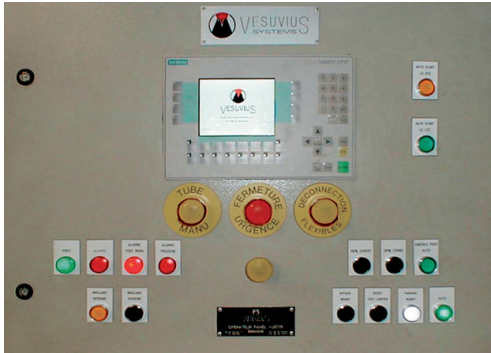
Automation package includes

- Hydraulic power unit and dedicated valve blocks
- Heavy duty hydraulic, pneumatic or electro-mechanic actuators
- Precise tundish weight control
 - > Unique open loop control without position feedback
- Accurate mold level control for slide gate or stopper control
 - > Auto-casting startup is standard procedure
 - > Cast interruption/restart procedures
 - > Safety shutoff procedures
- Sensor for steel level measurement in the mould
- Automation of nozzle-and tube-change procedures
- One button tube change routine
- Automatic supervision of inert gas applications
- State-of-the-art operator stations

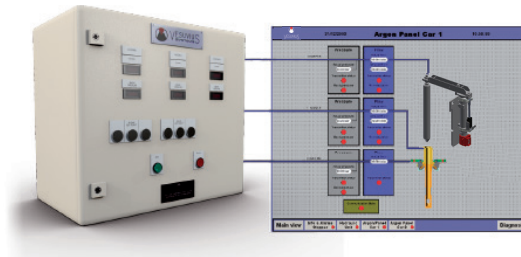


Hydraulic unit interface

Process supervision package



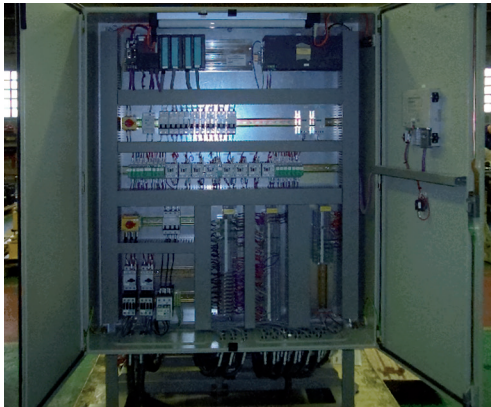
Operator panel



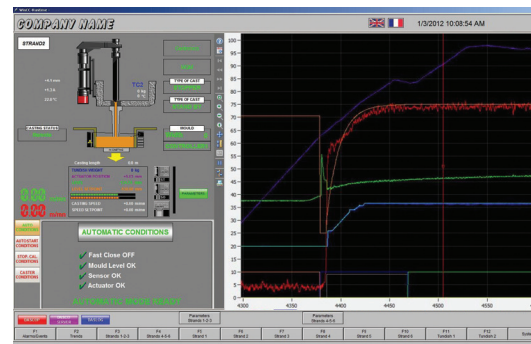
Argon control unit

HMI - Human Machine Interface

- Automated diagnostic tools applied prior to cast start
- Comprehensive user interface (HMI)
- Data logging and analysis
- Tracking of key performance indicators
 - > Erosion index, clogging index,...
- Statistical analysis tools
- FFT signal analysis routines



Main control cabinet



HMI - Human Machine Interface





For more information on this product and on our complete package of solutions please contact our local service center :

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Photos - Samuel Dhote