

Advanced Steelmaking Technologies

FAST
TECHNOLOGY S.R.L.



Safety



Productivity



Reliability

Our Company

We specialise in the design, manufacture and commissioning of equipment that improves the operation and safety of steel mills worldwide. We accomplish this through innovative, robust design and a strong desire to continually improve in all aspects of our business.

We have our manufacturing and design facilities in Gemona del Friuli, Italy only a short distance from Venice.

Since the formation of our company in 1998, we have strived to exceed expectations and keep our customers operating reliably and efficiently. Join the hundreds of melt shops, foundries and smelting plants worldwide that rely on FAST systems.



Robo-Torque™ Electrode Addition System

The Robo-Torque™ Electrode Addition System consists of the equipment needed to achieve on-furnace electrode additions. We also offer a complete line of electrode handling equipment.

Each Robo-Torque™ Addition System is custom designed for your melting conditions. Key benefits of the system are:

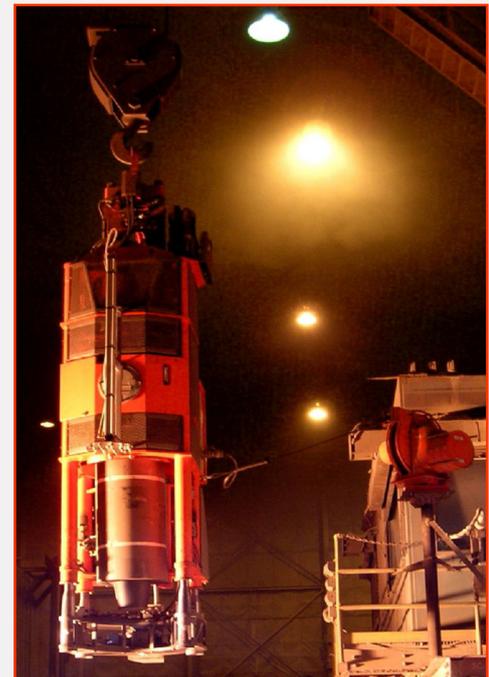
- Greater safety - remote operated from melt shop floor, no need to be on the furnace roof
- Better electrode performance - tightened to manufacturer torque specification
- Versatile - can be designed for use with UCAR Apollo™ electrodes
- Improved productivity - 2-3 minutes per addition is possible
- Reliable - PLC control reduces human error
- User friendly - operators quickly trained
- Power-on addition? - call us to find out more...



Electrode Tilting and Storage Station



Remote control and HMI



Robo-Torque™ Robot in action

EAF Combustion & Injection System

FAST offers a wide range of engineering and design capabilities for the implementation of complete combustion systems in the EAF. Our area of expertise includes:

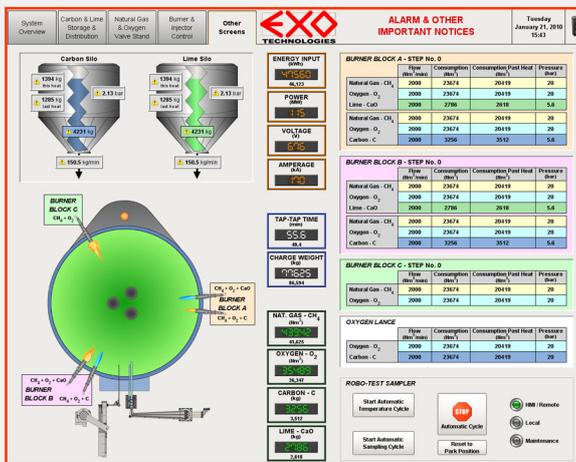
- Supersonic sidewall oxy-fuel burners and injectors
- Sidewall carbon and lime injection burners and injectors
- Water-cooled supersonic oxy-carbon lance/burner
- Combo Lance/Robo-Test™ available
- Consumable oxygen-carbon lance
- Carbon & lime storage and injection system



Water-Cooled Supersonic Oxy-Carbon Lance/Burner



Sidewall Burner



HMI Touchscreen



Compact Jet Burner/Injector



Carbon Injection System

Robo-Test™ Auto Steel Test System



Robo-Test™ Robot in action

The Robo-Test™ Automatic Steel Test System represents over a decade of evolution from automatic testing equipment pioneered by FAST in the late 1990s.

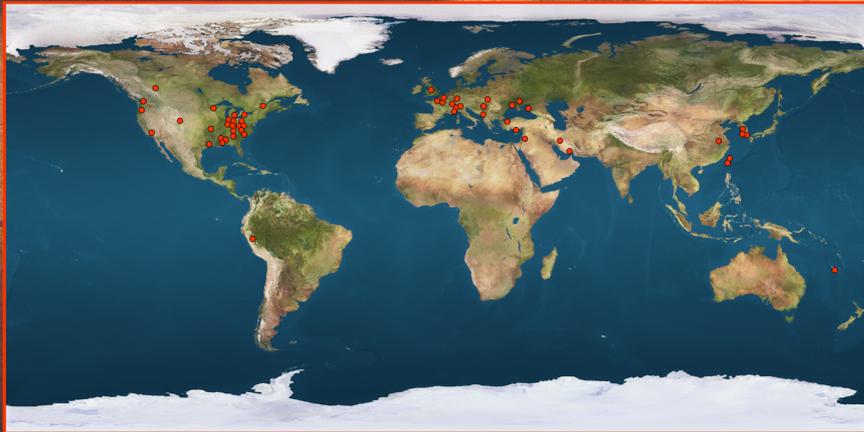
The Robo-Test™ System is designed to robotically measure steel temperature and chemistry for improved accuracy and reduced accident exposure.

Key benefits to using the Robo-Test™ System are:

- Less delays - consistent measuring location, eliminates errors associated with manual tests
- Increased productivity - utilised during melting/refining
- Improved safety - hazard to operators is reduced
- Reliable - high quality robust construction
- Adjustability - accommodates varying furnace conditions



Robo-Test™ is designed for harsh environments



- | | | |
|--------------------|----------------|----------------|
| Acipco | Dongbu | Republic Eng. |
| Altasteel | Dragon Steel | Riva |
| ArcelorMittal | Gerdau Amer. | SMI |
| Ascometal-Lucchini | Graftech | SMS |
| BMZ | Hatch | Steel Dynamics |
| Buderus | Hwan Young | STG |
| Charter Steel | Hyundai | Tamco |
| Concast | Iritech | Tenova |
| Core Furnaces | Kisco | UCAR |
| Corus | North Amer. SS | Xtrata |
| CVS | Nucor | WPSC |
| Dofasco | | |



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