Advanced Steelmaking Technologies

FAST
TECHNOLOGY S.R.L.

Robo-Torque™ Electrode Addition System

With ROBO-TORQUE™, EAF Operators make electrode additions with 2-3 minutes of power-off time from the melting plant floor.
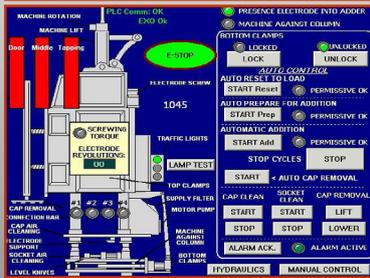
ROBO-TORQUE™ is the most advanced and innovative ON FURNACE ELECTRODE ADDITION SYSTEM available to EAF Steelmakers worldwide...

Safety   **Productivity**   **Reliability**

Here's how the Robo-Torque™ system can help you improve your melt shop:

- greater safety since the system is operated from the melt shop floor operators are not required to go on the furnace.
- better electrode performance through reduced butt loss and breakage, saving you money.
- improved joint reliability as all electrode joints are tightened to the manufacturer's specified set-point.
- improved productivity as time required to add an electrode is 2-3 minutes.

In addition:

- the system is easy to use with fully automated (PLC) control of the addition sequence.
- the system is built to exacting standards for precise electrode additions.
- the bottom clamping system is "V" shaped for quick crane approach.
- can be used with UCAR Apollo™ electrodes.
- we will teach your operators how to get the most out of the equipment safely.

Typical supply includes:

- Electrode Storage & Tilting Station
- Electrode Column Transportation Device
- Robo-Torque™ Device, including:
  - Customized design based on your shop requirements
  - Control station with PLC
  - Wireless pulpit remote control
  - On-board air compressor & storage tanks
  - On-board hydraulic accumulators
  - Electrode socket cover removal
  - One year operating spares
  - Startup assistance & training

Options include:

- 360° hydraulic machine rotation
- 250 VDC power supply voltage
- Digital torque dynamometer
- Handheld remote control
- Tablet PC/HMI remote control & diagnostic

Contact us today for more information on how our equipment can improve your operations.