Excellence Story

New combination of proven technologies for further increase of productivity and efficiency

New solutions for chemical energy input for special applications

Lance Manipulator LM.3

The DC EAF at the ArcelorMittal plant in Belval is using a fin-type bottom anode that requires special care during the start of the first heat after replacement. BSE together with ArcelorMittal engineers have developed an innovative solution to this challenge.

Concept of LM.3

- Nozzle and technology of jet burner based on proven design of VLB
- Ignition control enabling an automatic process start and keeping the flame under control
- High flexibility of burner movement
- Burner power up to 5 MW for fast melting, but without oxidation of scrap

Special LM

The customer in Europe had resumed operation of several small EAF’s for special metallurgical applications. As a consequence, the very old equipment for injection of additives had to be replaced.

The customer entrusted BSE with the engineering and supply of a special lance manipulator for this purpose. The swivel arm of the manipulator is equipped with two independently movable lance guides for injection of additives with consumable lances or sample taking.

Contact:
pierre.pfister@bse-kehl.de
Phone ++49-7851-877-131

Contact:
info@bse-kehl.de
Phone ++49-7851-877-0
We are Steelmakers!

BSW and BSE – a unique partnership that will help you to reach even ambitious goals.

Since 1983, the Badische Stahl-Engineering GmbH (BSE) has been acting as a service provider for increasing the efficiency and productivity in the electric steel industry worldwide.

BSE is a sister company of the Badische Stahlwerke GmbH (BSW), one of the world’s most efficient Electric Arc Furnace steel plants.

This unique partnership between BSW and BSE ensures that all products and services provided by BSE are not just based on mere theory, but on more than 4 decades of own proven operational experience.

Badische Stahl-Engineering GmbH
Robert-Koch-Straße 13
D-77694 Kehl/Germany
Phone (+49) 7851/877-0
Fax (+49) 7851/877-133
eMail info@bse-kehl.de
www.bse-kehl.de

BSE America
1811 Sardis Road North, Suite 210
Charlotte, NC 28270
Phone (704) 553-1582
www.bse-america.com