

The Future is Manless

Solutions to keep our people out of harm's way

THM

Tap Hole Manipulator

NEW!



Principles.

- Manless, automated operation for EBT clearing and cleaning
- Installation adoptable to most EAF designs, customizable in many design parameters
- Clearing of the EBT tap hole from debris and bulky items after tapping by hydraulic force, with a robust, powerful tool tip
- Cleaning of EBT tap hole with oxygen blowing function
- Unique tool design and concept (BSE patent pending)



Concept.

- Robust design for minimum maintenance and maximum reliability
- Fully customizable for each EAF layout and requirements
- Careful operation with smart hydraulics, limiting overstress and potential damages
- Additional concepts possible, e.g. integration of sand filling, automated EBT tap hole flap, camera inspection etc.



Advantages.

- Taking operators out of harm's way, as part of BSE's vision of a "manless" EAF operation for maximum safety
- Eliminating human procedure in a challenging ergonomic situation
- Standardization allows for reduction in scheduled power-off time, improving overall plant economics (productivity, capacity, cost)
- Concept, design and installation support package out of one hand

NEW!



Badische Stahl-Engineering GmbH
Robert-Koch-Straße 13
D-77694 Kehl/Germany
Phone (+49) 78 51/877-0
Fax (+49) 78 51/877-133
eMail info@bse-kehl.de
www.bse-kehl.de



BSE

BADISCHE STAHL-ENGINEERING GMBH

From Steelmaker to Steelmaker