The Future is Manless
Technology Protecting People

THM
Tap Hole Manipulator

NEW!

Principles.
● Manless, automated operation for EBT clearing and cleaning
● Installation adaptable to most EAF designs, customizable in many design parameters
● Cleaning 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 on tap hole
● 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 available

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From Steelmaker to Steelmaker