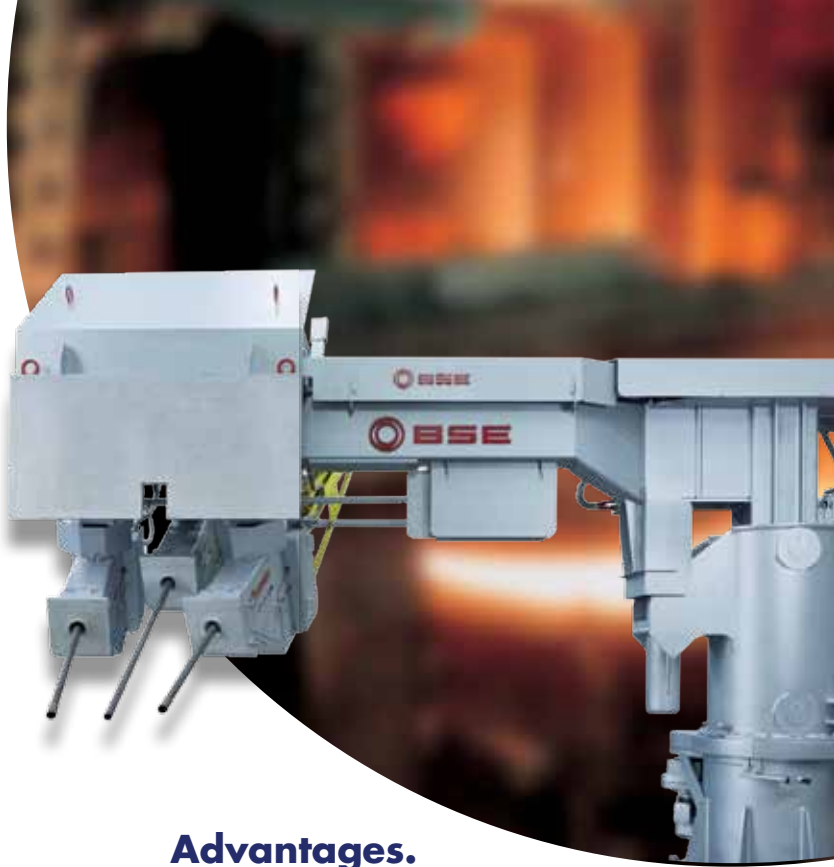


Lance Manipulator Classic

BSE is market leader for Lance Manipulators providing efficient, reliable and safe operation



Principles.

- Injection of oxygen and solid materials from the slag door with independently moving consumable lances.
- Wide range of metallurgical applications, especially in combination with side wall / EBT mounted injection tools:
 - Decarburisation
 - Deoxidisation
 - Foaming slag
 - Horizontal stirring of steel bath
- Flexible design for special metallurgical applications and local circumstances.



Continuous enhancement based on operational experience of own steel plant BSW

Concept.

- Independently moving lances on one common or up to three separate heads.
- Optimal height adjustment for different process stages.
- Electrical chain-driven lance feeding for high speed (even in resistant slag) and low maintenance.
- Heat protection of relevant parts provides safe and reliable operation.
- Compact, low-mass lance heads guarantee swift lance motions and maximum space economy.



Easily accessible components for optimum performance and convenient maintenance

Advantages.

- Increase of oxygen efficiency and productivity.
- Fits with every furnace type and design.
- Reliable injection as a result of appropriate actuation technology.
- Remote control from the operator room for maximum safety and good, motivating work conditions.
- Safe and easy operation from control room.
- Quick and easy maintenance.



Snap-on coupling for fast and easy lance exchange

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BADISCHE STAHL-ENGINEERING GMBH

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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 world-wide.

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.

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