HYDRAULIC PUSHER

REVOLUTIONIZING FURNACE OPERATIONS
WITH EFFICIENCY AND SAFETY

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HYDRAULIC PUSHER

LeisterTech Hydraulic Pusher for Enhanced Furnace Efficiency

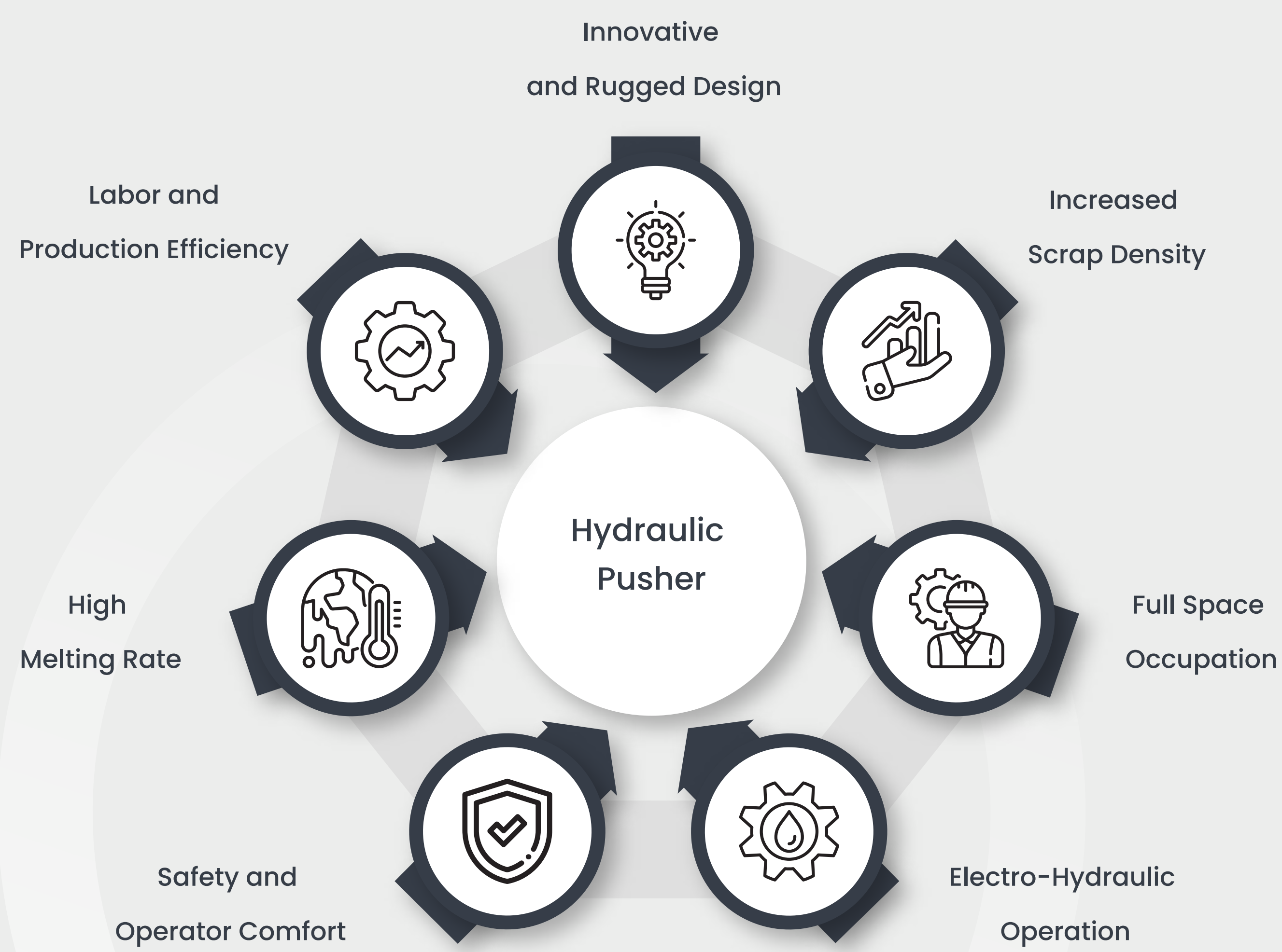
LeisterTech's Hydraulic Pusher is a cutting-edge solution designed to enhance the efficiency, safety, and productivity of induction furnace operations. This innovative system is engineered to minimize manual labor, optimize scrap density within the furnace, and maximize the melting process, making it an indispensable tool for foundries and metalworking industries.

What is a Hydraulic Pusher?

A Hydraulic Pusher is a specialized device used in induction furnaces to push and manipulate scrap metal. By automating the process of feeding scrap into the furnace, the Hydraulic Pusher eliminates the need for manual intervention, reducing the risks associated with high-temperature environments and improving the overall efficiency of the melting process.

KEY FEATURES OF LEISTERTECH HYDRAULIC PUSHER

LeisterTech Hydraulic Pusher enhances furnace operations with efficient scrap density optimization, reduced manual labor, and improved melting processes.



Innovative and Rugged Design : The Hydraulic Pusher features a robust design to withstand harsh melt deck conditions, ensuring long-term durability and minimal maintenance requirements.

Increased Scrap Density : The Hydraulic Pusher increases scrap density, allowing more material to be melted per cycle and enhancing yield and furnace efficiency significantly.

Full Space Occupation : The Hydraulic Pusher ensures that the entire furnace space is fully occupied by scrap, optimizing the melting process and reducing the number of cycles needed per batch.

Electro-Hydraulic Operation : Utilizing electro-hydraulic technology, the pusher operates with precision and power, reducing the need for manual labor and improving the consistency of the melting process.

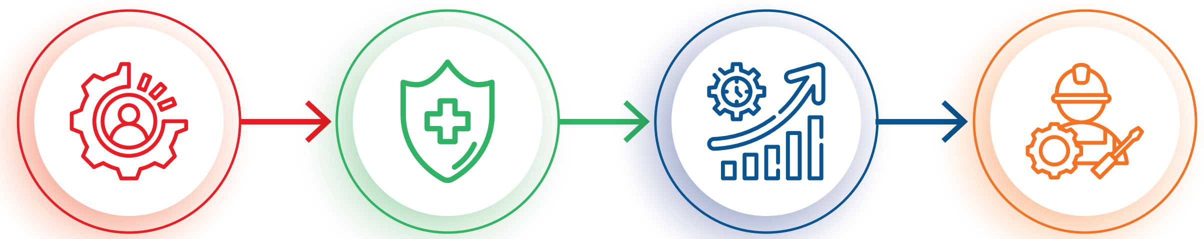
Safety and Operator Comfort : The system keeps operators safe from extreme heat and molten metal, while the articulating arm and suspended head reduce physical strain and provide easy, precise, and efficient scrap manipulation.

High Melting Rate : The Hydraulic Pusher increases the rate of melting metal per cycle by ensuring that more scrap is melted in each batch, resulting in higher production output and maximized furnace efficiency and effectiveness.

Labor and Production Efficiency : By automating the scrap feeding process, the Hydraulic Pusher reduces the need for manual labor, allowing operators to focus on other critical tasks. This not only improves production efficiency but also reduces labor costs.

WHY CHOOSE LEISTERTECH'S HYDRAULIC PUSHER?

Enhanced Furnace Utilization : The Hydraulic Pusher maximizes furnace utilization by ensuring efficient use of every inch, increasing scrap melted per cycle.
Improved Safety for Operators : The Hydraulic Pusher improves safety by distancing operators from the furnace door and minimizing heat and fumes exposure.
Higher Production Output : The Hydraulic Pusher boosts production by melting more scrap per cycle, making it cost-effective for foundries.
Reduced Manual Labor : The automated Hydraulic Pusher reduces manual intervention, minimizing human error and lowering labor costs.



APPLICATIONS OF HYDRAULIC PUSHER

The Hydraulic Pusher is used across various metalworking industries for the efficient handling and melting of different types of scrap. Key applications include:

Induction Furnaces

Pushing and manipulating scrap metal in induction furnaces for melting steel, iron, copper, aluminum, and other materials.

Foundries

Enhancing the efficiency of the melting process in foundries, reducing manual labor, and increasing safety.

Metal Recycling

Automating the process of feeding scrap into melting furnaces, improving the recycling process, and increasing output.