



Furnace Pusher

After charging sponge iron and forming a bridge on the molten surface, the pusher creates a hole in the bridge and conveys its molten material to the surface of the sponge iron. This process ensures proper permeability of the molten material. Additionally, gases produced during melting exit through the hole, preventing explosions in the furnace.

A hydraulic pusher is installed between two furnaces and can cover both furnaces. All pusher equipment is covered with protective shields, ensuring durability under harsh conditions. Remote control of the device is done with a special joystick, making all movements easy and smooth. The device's body is designed to withstand tensile and impact forces for optimal performance.

The hydraulic system of the device utilizes special equipment designed to operate at high temperatures. All components are selected from top-notch global brands to ensure the best performance under challenging conditions. The hydraulic oil system is equipped with a cooling system to maintain stability.

Advantages of the Furnace Pusher:

Reduction in crane wear and tear (compared to traditional methods)

Acceleration of the work process



Assistance in the melting process with continuous covering

Utilization of the furnace's maximum efficiency

Prevention of bridge closure, especially during sponge iron charging

Operator safety through remote control.

Contact us

Construction Site:

Tabriz Basij Square – 2nd Sanati Alley–End of Western Yeganeh-+989142228582

Factory:Heavy Industries Site - Aras Free Zone +9841-42110244

Tabriz office: No 15, Fereshteh 10th Alley, South Fereshteh Street, Above of Laleh Park -
+9841-5155

Tehran Office: No. 31, Laleh Sharghi, Mojahed Kabir St, Janatabad