PDM250

Powder Distribution Mechanism

VESUVIUS

PDM250 – Powder Distribution Mechanism for the Mould

The PDM250 is a Mould Powder Distribution Mechanism using compressed air to deliver granulated powder into the mould of a continuous caster.

PDM250 - Vacuum version

Main features

- Adjustable volume flow rate
- Adapted for bloom and billet mold
- Continuous delivery of granulated powder in the mould
- Designed for up to 6 independantly controlled discharge lines
- Mobile unit with «plug and play» installation
- Customized design of discharge nozzles
- Remote control by a wireless pendant or touchscreen HMI

Typical installation

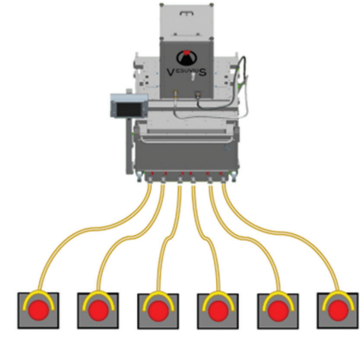
PDM250 - Vacuum version

The PDM250-Vacuum version uses a vacuum unit to aspirate the granulated powder from a remotely located bulk source (bulk bag or silo).

PDM250 - Bulk Hopper version

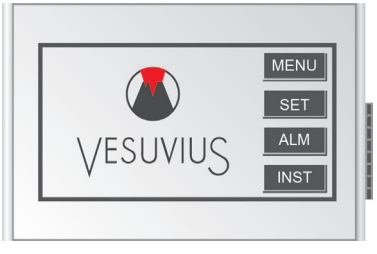
The PDM250-Bulk Hopper version directly supports a bulk hopper for quick exchange of bulk bags.

Examples of installation



Billet moulds

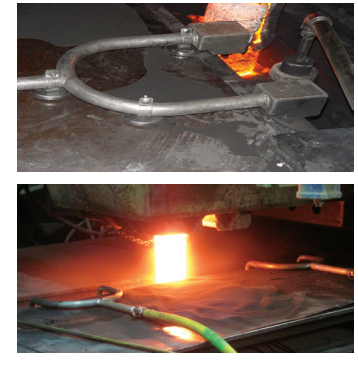
Control



Touchscreen HMI for parameters setting

Wireless remote pendant for setting of powder discharge rate

Bulk bag stand (optional)



Discharge nozzles according to mould configuration

For more information on this product and on our complete package of solutions please contact our local service center:

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