



RAUCH MAGNESIUM MVE150E/250E



Magnesium ingot prewarming and feeding unit MVE150E

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RAUCH ingot prewarming and feeding units MVE fulfil the process- and safety relevant demands on a safe drying- and prewarming process of the feeding material and an even and careful automatic feeding of the melt aggregates.

The continuous feeding of the furnace and the rapid melting of the ingots minimizes temperature fluctuations and differences in the furnace and keep its level constant.

The Magnesium ingot prewarming and feeding unit MVE150E/250E is a new developed unit which has the following characteristics:

- Energy efficient by optimized insulation
- Integrated ingot magazine for 8 ingots
- Space-saving design
- Easy maintenance

- Low maintenance costs
- Variable ingot exit side (left or right)
- Flexible positioning
- New Siemens S7/1200 SPS-control

The magnesium ingots are energy efficient preheated up to the required temperature with an infrared heating system and can be transported automatically into the melting furnace by means of a duct system.

The RAUCH Magnesium ingot prewarming and feeding unit MVE150E/250E fulfils the newest safety standard and metallurgical requests for a safe drying and preheating of raw material.



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Operation terminal Magnesium ingot prewarming and feeding unit MVE150E



Side view Magnesium ingot prewarming and feeding unit MVE150E



MVE		150E	250E
Prewarming capacity > 100°C center temperature	[kg/h]	150	250
Number of ingots		8	8
Energy consumption	[kW]	16	20
Ingot sizes			
Length	[mm]	525 - 650	500 - 650
Width	[mm]	50 - 155	70 - 120
Height	[mm]	30 - 80	50 - 80
Connected load electrical	[kW]	31	36