



Magnesium ingot-pretreating and feeding unit MVE750E

## Magnesium ingot pretreating and feeding unit MVE

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

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

## Application

RAUCH ingot pretreating and feeding units MVE are used

- at magnesium premelting furnaces
- at incell recycling furnaces
- at magnesium hot or cold chamber furnaces, if no liquid metal feeding is provided.

## The MVE enables

- a safe hot-air drying of Magnesium ingots and their heating up to an inner temperature of minimum 100 °C,
- the heating up of the inner temperature up to 300 °C to get advantages in terms of the metallurgy in the melt,
- the automatic feeding of the melt aggregate, depending on the melt consumption. RAUCH pretreating and feeding units are available in a size from 500 kg/h up to 1500 kg/h throughput in this version.



# RAUCH MAGNESIUM MVE

They can be heated either with electricity or with the exhaust gas of gasfired furnaces using a heat exchanger.

Automatic destacking units of the magnesium stack for higher consumption or magazines for direct storing of ingots are also available.



Magnesium ingot prewarming and feeding unit MVE750E



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MVE		500E	750E	1200E
Prewarming capacity > 100°C center temperature	[kg/h]	500	750	1200
Number of ingots		5	10	23
With magazine		24	24	
Ingot size				
Length	[mm]	500 - 700	500 - 700	500 - 762
Width	[mm]	120 - 175	120 - 175	110 - 190
Height	[mm]	40 - 90	40 - 90	40 - 139
Connected load electrical	[kW]	36	72	140