

## Rauch Magnesium melting and dosing plant MSD 01813, used



**manufacturer :**  
Rauch

**Product number:**  
01813

## Description

Magnesium melting and dosing plant

Manufacturer Rauch

Model

Capacity

Heating electrical

Year of Manufacture 2012

Comments

## Functional description of the plant

The ingot stack is transported to the working area of the destacking system by means of a chain conveyor.

- Using vacuum technology, the ingot is sucked up at the gripper and transported by means of a gantry to one of the four pick-up points of the MVE supply line and deposited.
- The preheating device and is used to feed and preheat the MDO650E with 8-12kg magnesium ingots.
- The Ecojet XXL system is used for automatic and optimum charging and melting of magnesium ingots and return material. -The MSO650E is used for melting magnesium ingots and return material.
- The liquid material charged by the MSO is fed via a feed hopper into the crucible, where it mixes with the magnesium present.
- After appropriate release by the die casting machine, the exact dosing quantity is fed to the filling chamber of the die casting machine.

## Designation of the plant components

Ingot destacking	
Manufacturer	Reis
Model	MRDS
Power	
Heating	electrical
Year of Manufacture	2012
Comments	

Preheating unit	
Manufacturer	Rauch
Model	MVE 750E
Power	65 kW
Heating	electrical
Year of Manufacture	2012
Comments	

Feeding	
Manufacturer	

### Feeding

Model Ecojet XXL ingot

Power

Heating electrical

Year of Manufacture 2012

Comments

### Sprue recycling

Manufacturer

Model Ecojet XXL sprue

Power

Heating electrical

Year of Manufacture 2012

Comments

### Melting furnace

Manufacturer Rauch

Model MSO650E

Power 345 kW

Melting capacity 650 kg/h

Heating electrical

Year of Manufacture 2012

Comments

### Dosing furnace

Manufacturer Rauch

Model MDO200E

## Dosing furnace

Power 98 kW

Heating electrical

Year of Manufacture 2012

Comments

Delivery time immediatley

Price on request





