

## 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	
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

Power 98 kW

Heating electrical

Year of Manufacture 2012

Comments

Delivery time immediatley

Price on request

