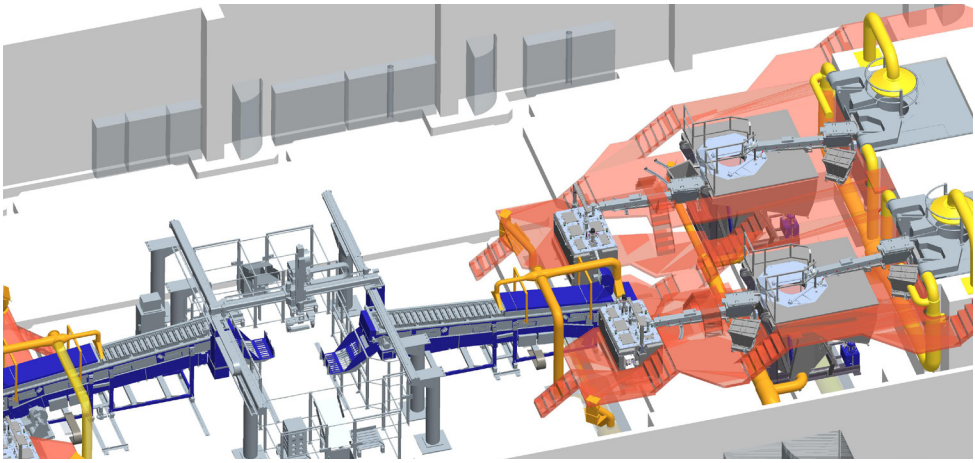
RAUCH MAGNESIUM MLA



Magnesium alloying systems MLA

RAUCH Magnesium alloying systems MLA enable fluxfree or flux-based melting and alloying of Magnesium.

New applications for lightweight cast materials made out of Magnesium require a specific modification of material characteristics to achieve the desired quality requirements.

RAUCH alloying systems MLA enable the alloying of magnesium melt and secure the leadership in new development areas.

The main advantages are:

- Easy feeding of the alloying constituents, prior to and after material tests.
- Flux- and gas cleaning or only gas cleaning.
- Final cleaning in the holding furnace.
- Monitoring of the alloying process and batch wise documentation.

Alloying furnaces and equipment can be expanded modular and this enables the customer to select the equipment according to the capacity needed.

RAUCH provides all necessary information and services (drawings, layout, tech. specifications,...) from Customized Project Engineering to serial operation.

RAUCH MAGNESIUM MLA

		MTO2100B	MTO2500E	MWO1500E	MWO2000E	MMGB1200
Melting capacity	[kg/h]	~ 1800	-	Holding capacity	Holding capacity	
Crucible content	[kg]	~ 2230	~ 2500	~ 1720	~ 2500	~ 9000
Casting capacity	[Pcs/h]					60 - 120
Cycle time	[s]					30 - 60 adjustable
Numer of ingot moulds						90
Ingot weight	[kg]					8 - 12
Net weight	[kg]	~ 12500	~ 15000	~ 8500	~ 5500	~ 9300
Transfer weight per cycle	[kg]	2000 - 2150	2300	1400	2000 - 2150	
Connected load electrical	[kW]	18	355	60	100	65
Connected load combustible	[kW]	650				
Dimensions						
Length	[mm]	2200	3835	2100	2980	10610
Width	[mm]	2200	3560	1220	1580	2500
Height	[mm]	2850	3150	1080	2300	3170