

Magnesium melting furnace MSO1500R

Magnesium melting furnace MSO

Magnesium ingots are fused with RAUCH Magnesium melting furnaces MSO and transferred to a continuing system.

The single-chamber melting furnaces, heated with gas (natural gas or oil) or electrically, are used in recycling-, alloying- and sheet metal casting plants.

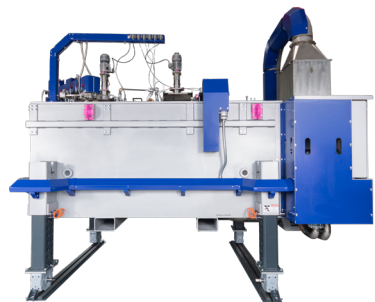
By the use of high-speed burners, which burn alongside the crucible, a fast and even heat transfer through the crucible into Magnesium melt is ensured.

The melting surface is covered with three separated atmospheres (individually adjustable) of protective gas to allow safe handling of the furnace.

Under normal conditions the melting furnace is fed automatically by a MVE (Magnesium ingot prewarming and feeding unit), however the filling can be done manually too. The Magnesium melt

is transferred with a pump into a holding furnace (MWO, MSB, MGO).

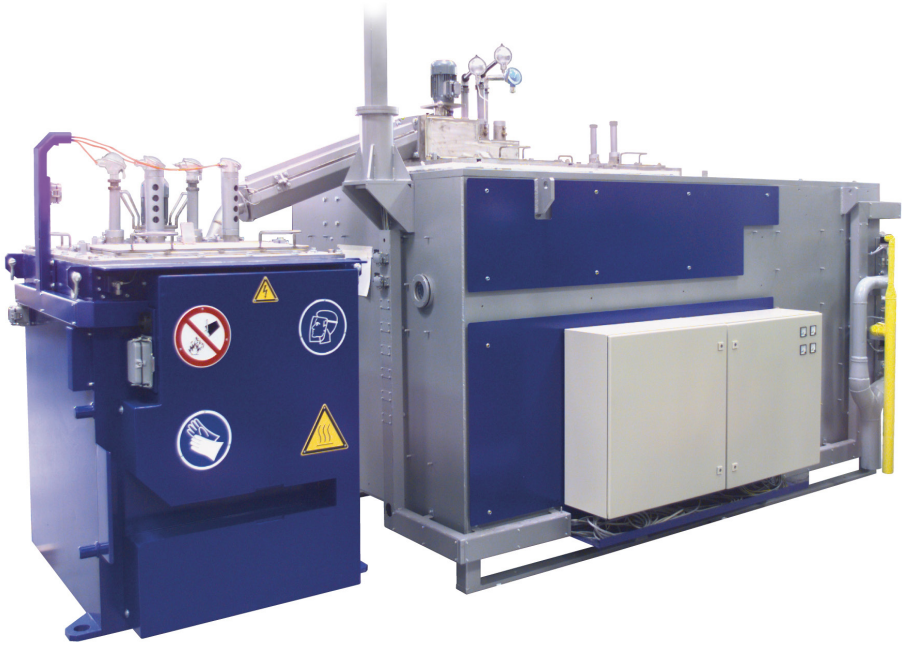
An optional stirrer or a jet pump can be provided for a uniform condition of the melt.



Magnesium melting furnace MSO1100R



RAUCH MAGNESIUM MSO



Magnesium melting furnace MSO1200B with Magnesium melt container MSB600E

MSO		650E	850E	1100R	1500R
Melting capacity	[kg/h]	650	850	1100	1500
Crucible content	[kg]	~ 2050	~ 2950	~ 1550	~ 2830
Crucible design-chambers		1	1	1	1
Length	[mm]	3665	4066	6200	6400
Width	[mm]	1990	2430	3200	3400
Height	[mm]	1864	1994	3800	3800
Connected load electrically, total	[kW]	345	520	25	25
Connected load combustible	[kW]			860	1000