

INDUSTRIAL SCALE FURNACES

CAR BOTTOM FURNACE

MSE car bottom furnaces are designed for the use of large parts in heat treatment and various annealing processes. These furnaces have been developed to be very reliable and cost effective in terms of heavy and continuous working conditions. It provides easier loading / unloading and easy maintenance for large parts. During loading and unloading in car furnaces, the damage to the interior of the furnace is minimized. It can perform many operations such as annealing, normalization, sintering and stress relief in car kilns. Depending on the application size and usage conditions, the door of the furnace can be integrated into the movable base, or it can be opened upwards or sideways.

- Industrial usage, 800°C
- 1800 litres volume
- Temperature control via PID and $\pm 1^\circ\text{C}$ temperature display sensitivity
- Programmable step controller via digital display
- Auto power cut when lid is open
- Observation of set and real temperature
- Temperature measurement via thermocouple
- Delayed start and program save feature
- System protection for over temperature, audio visual warning alarm
- Error display in case a breakdown
- Easier loading and unloading via drawer type door
- Programmable temperature
- Circulation fan for uniformity temperature
- Low energy consumption



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Designed for heat treatment of large parts and heavy loads. Car bottom furnaces are available in wide a ranges of volumes and temperatures from 300°C to 1700°C continuous use.

- Industrial usage, 600°C
- 1300 litres volume



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CAR BOTTOM FURNACE SERIES

Product Code	Max. Temperature °C	Volume (L)	Internal Dimensions		
			Width (mm)	Height (mm)	Depth (mm)
MD_600_250	600	250	500	500	1000
MD_600_500	600	500	1000	500	1000
MD_600_750	600	750	500	1000	1500
MD_600_972	600	972	900	900	1200
MD_600_1000	600	1000	500	1000	2000
MD_600_1384	600	1300	1040	605	2200
MD_600_1500	600	1500	1000	1000	1500
MD_600_1755	600	1755	900	1300	1500
MD_600_2000	600	2000	1000	1000	2000
MD_600_2250	600	2250	1500	1000	1500
MD_600_2400	600	2400	1200	1000	2000
MD_600_3000	600	3000	1000	1500	2000
MD_600_3510	600	3510	900	1300	3000
MD_600_4500	600	4500	1000	1500	3000
MD_600_4800	600	4800	1500	1600	2000
MD_600_5400	600	5400	1500	1800	2000
MD_600_7020	600	7020	1800	1300	3000
MD_600_7200	600	7200	1500	1600	3000
MD_*	*	*	*	*	*

*Produced on demand by the customer.

Product Code	Max. Temperature °C	Volume (L)	Internal Dimensions		
			Width (mm)	Height (mm)	Depth (mm)
MD_1000_250	1000	250	500	500	1000
MD_1000_500	1000	500	1000	500	1000
MD_1000_750	1000	750	500	1000	1500
MD_1000_972	1000	972	900	900	1200
MD_1000_1000	1000	1000	500	1000	2000
MD_1000_1384	1000	1300	1040	605	2200
MD_1000_1500	1000	1500	1000	1000	1500
MD_1000_1755	1000	1755	900	1300	1500
MD_1000_2000	1000	2000	1000	1000	2000
MD_1000_2250	1000	2250	1500	1000	1500
MD_1000_2400	1000	2400	1200	1000	2000
MD_1000_3000	1000	3000	1000	1500	2000
MD_1000_3510	1000	3510	900	1300	3000
MD_1000_4500	1000	4500	1000	1500	3000
MD_1000_4800	1000	4800	1500	1600	2000
MD_1000_5400	1000	5400	1500	1800	2000
MD_1000_7020	1000	7020	1800	1300	3000
MD_1000_7200	1000	7200	1500	1600	3000
MD_*	*	*	*	*	*

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