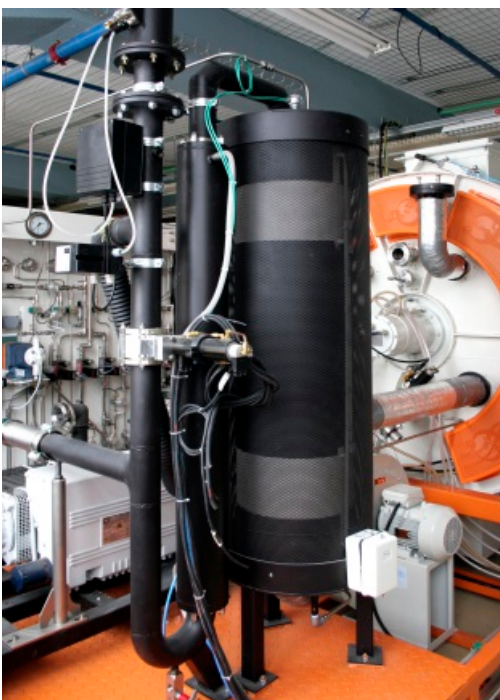
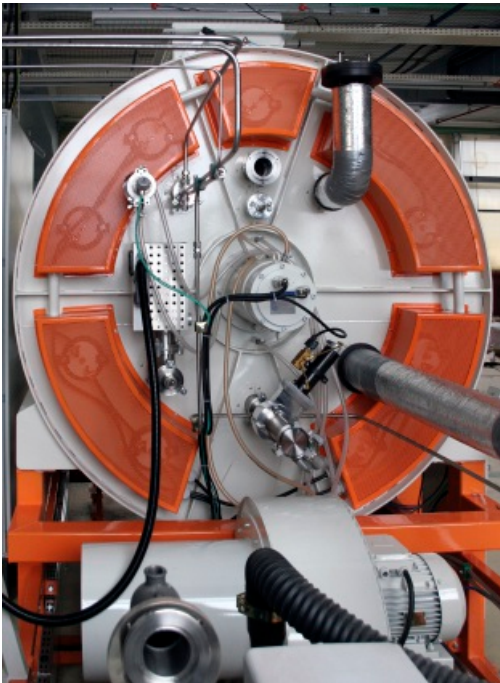


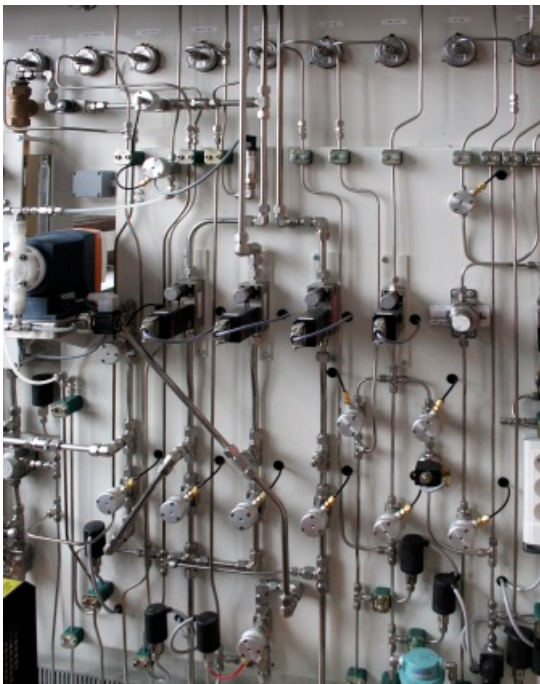
Electric Horizontal Retort Furnace for Carbonitriding HVF Type

Electric retort horizontal furnace, HVF type is designed to carry out heat and head and chemical treatment in the atmosphere generated from dissociated ammonia or inert gases within the range of temperatures from 560 to 700 °C.

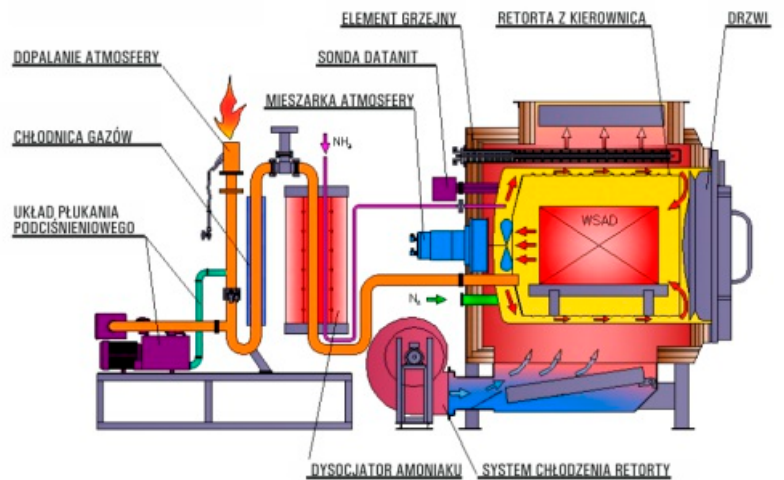


Construction of the furnace make possible to carry out heat treatment processes by the user. It is especially suitable for nitriding and carbonitriding process. Furnace atmosphere is generated from dissociated ammonia, which undergoes decomposition just before the introduction to the furnace retort in the cracking system. Propan is applied as carburizing medium. Application of various additives in different stages of process, taking into account a charge and a furnace size, provides generation of proper microstructure and high - grade mechanical properties .





General View of HVF-07/324 Furnace



General data

	HVF 07/324
Maximal gross weight of charge	Up to 600 kg
Usable dimensions of furnace heating chamber	- width 610 mm
	- height 600 mm
	- length 910 mm
Overall dimensions of furnace (together with all fittings)	- width 2200 mm
	- height 3000 mm
	- length 4450 mm
Weight of plant	ca. 4350 kg

Power supply

Maksymal operating temperature	700°C
Quantity of heating zones	1 zone
Rated power of plant	140 kW
Power of heating elements	117 kW
Voltage	3x400/230V, 50 Hz



All our devices are manufactured according to the European Community Standards (CE Certificate).



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