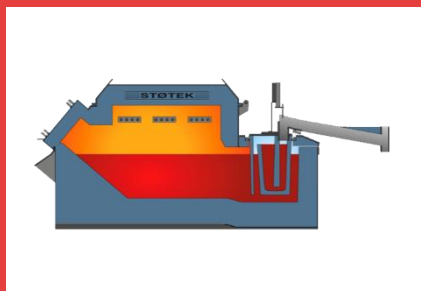


Only the patented dosing unit is pressurized, and the small internal volume gives greatly improved dosing accuracy and superior service life.

DOSING FURNACE DOSOTHERM® DTE

STØTEK's un-pressurized DOSOTHERM® dosing furnaces are extremely energy efficient, while giving improved productivity and metal quality, reduced metal loss and lower maintenance and operating costs.



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STØTEK DOSOTHERM®	DTE716	DTE1210	DTE2010	DTE3010
Holding Capacity (Calculated at ρ 2,6kg)	700kg	1200kg	2000kg	3000kg
Dosing weight	0,5-6,0kg	1,00-20,0kg	5,0-65,0kg	5,0-90,0kg
Max. bath temperature	780°C	780°C	780°C	780°C
Power consumption (Calculated)	6 kWh	7 kWh	10 kWh	14 kWh
Power connection	14,5kW	19,5kW	39kW	50kW
Delivery spout height with standard lifting table	1070 mm +500 mm	1070 mm +850 mm	1255 mm +1150 mm	1300 mm +1150 mm
Length	2318 mm	2609 mm	3151 mm	3450 mm
Width	1563 mm	1753 mm	1853 mm	2149 mm
Height	1964 mm	2100 mm	2392 mm	2430 mm
Heating elements	3pcs	3pcs	6pcs	6pcs
Dosing accuracy	±1% by weight	±1% by weight	±1% by weight	±1% by weight

Advantages

- Very high efficiency – up to 80% reduction in energy costs*
- Very low oxidation – up to 90% reduction in metal loss**
- Accurate dosing of $\pm 1\%$ by weight
- Overflow below cleaning door
- 40% CO₂ reduction compared to industry Average *
- Very low furnace shell temperature
- High Metal quality due to minimal gas exchange in the furnace
- Excellent lining life – typically greater than 10 years
- Option of dosing under a protective atmosphere
- Optional degassing stone
- Hydraulic height adjustment and back tilting
- Metal filling same height as shot sleeve
- Cleaning, filling and a majority of wear parts are replaceable during operation

* When compared with an open well furnace with ladle

** Nitrogen or argon supply are required