

## Galvanizing Furnace



## Steel Kettle Furnace

- Optimal heat transfer
- Precise control
- Optimized efficiency

Walter Körner Know-How by Jasper GmbH



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### Application

The galvanizing furnace is the heart of every galvanizing plant. Its design contributes decisively to the quality of the zinc coating and the operating costs. With a range of design features, our galvanizing furnaces guarantee the highest efficiency in galvanizing.

### Efficiency

We supply furnaces with flat flame burners, specially developed for galvanizing. With these, the furnaces achieve an efficiency of up to 75 percent - that's 5 to 10 percent more than furnaces equipped with conventional burners.

### Heating

Contrary to conventional burners, the flat flame burners are modulating and adjustable. This ensures even and gentle heating, which was previously possible only with electrically heated furnaces.

Technical Specifications (Example)	
Dimensions	Length: 10.000 mm Width: 1.675 mm Height: 2.500 mm
Process-parameters	Capacity: ca. 6.000 kg/h Temperature: < 470 °C
Heating	Natural gas, oil or electrical heating
Consumption	Without suction: Gas 79,2 Nm <sup>3</sup> /h With suction: Gas 84,3 Nm <sup>3</sup> /h

**Walter Körner Know-How, combined with the quality and experience of Jasper GmbH in thermal process technology.**



1. Steel kettle furnace with side enclosure
2. Steel kettle furnace with end enclosure
3. 3D model of steel kettle furnace

#### An overview of our industrial furnace products (zinc):

- Centrifuge
- Drying Furnace
- Galvanizing Furnace/Ceramic Furnace
- Galvanizing Furnace/Steel Kettle Furnace
- Zinc Dross Grap
- Lead Burning Bath
- Water Quenching Bath
- Wiping Systems
- Zerberus® / Automatic Galvanizing Machine
- Zinc Dross Distilling Furnace

