

# Galvanizing Furnace



## Steel Kettle Furnace

- ➔ Optimal heat transfer
- ➔ Precise control
- ➔ Optimized efficiency

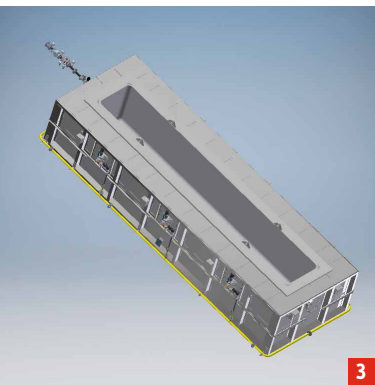
 **ZK Know-How**  
by Jasper GmbH

# Galvanizing Furnace

## Steel Kettle Furnace



2



3

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

### 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 are adjustable. This ensures even and gentle heating, which was previously possible only with electrically heated furnaces.

### Technical Specifications (Example)

<b>Dimensions</b>		Length: 10,000 mm Width: 1,675 mm Height: 2,500 mm
<b>Process parameters</b>		Capacity: ca. 6,000 kg/h Temperature: < 470 °C
<b>Heating</b>		Natural gas or oil
<b>Consumption</b>		Without suction: Gas: 79.2 Nm <sup>3</sup> /h With suction: Gas: 84.3 Nm <sup>3</sup> /h

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

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

Walter Körner Know-How combined with the quality and experience of the Jasper GmbH in industrial furnace construction.

