

Galvanizing Furnace



Steel Kettle Furnace

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

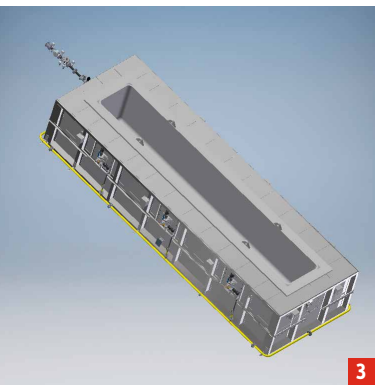
 **ZK Know-How**
by Jasper GmbH

Galvanizing Furnace

Steel Kettle Furnace



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- 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)

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 or oil
Consumption		Without suction: Gas: 79.2 Nm ³ /h With suction: Gas: 84.3 Nm ³ /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

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

