

INDUGA



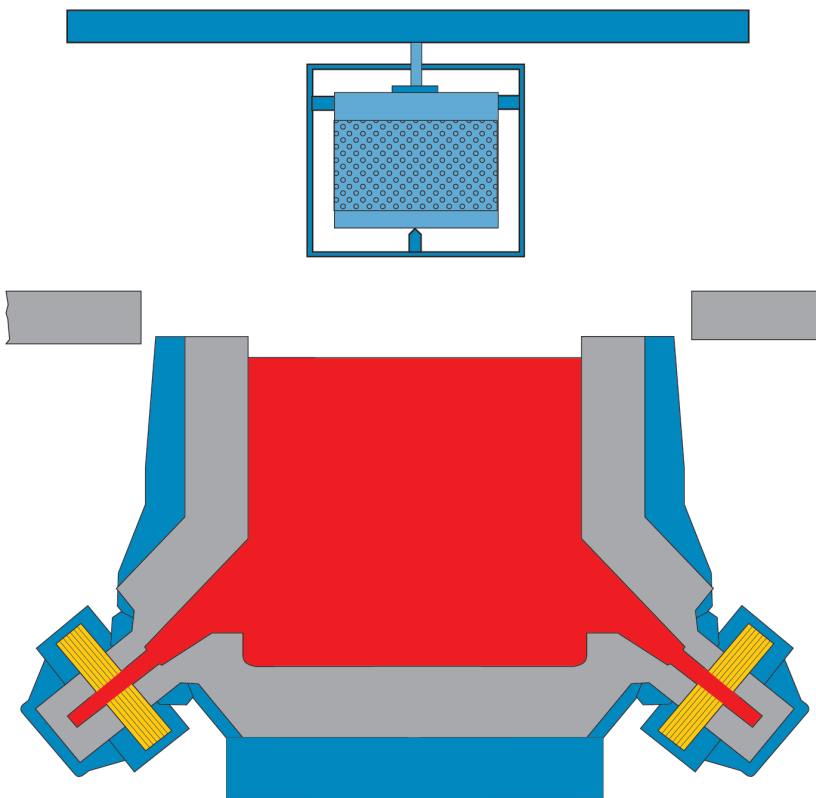
Hot dip galvanizing of pieces in induction heated coating pot



Galvanizing of pieces and large parts in an induction-heated ceramic lined furnace permits a flexible choice of high temperature coating in the range of about 620°C. The effects are optimum coating qualities in conjunction with very efficient operational results.

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Hot dip galvanizing of pieces



The induction heated channel-type furnace “coating pot”, provides ideal preconditions for systematic temperature control within a broad range. Our expertise in arranging and dimensioning the channel inductors enables us to guarantee reliable operation with full compatibility and minimizing energy costs.

Higher galvanizing temperatures avoid excessively thick coatings and generally allow much closer tolerances. This saves production costs and obtains more ductile layers with improved adhesion.

Induction heating is silent and absolutely clean. The occurrence of hard zinc and ash is largely reduced.

Technical data

Design	Induction heated coating pot with ceramic lining
Number of inductors	1 ore more
Inductor power	up to 600 kW
Furnace output	50 - 3,000 kW, depending on number of inductors
Pot capacity	up to 300 tons
Bath temperature	450 - 650 °C with automatic control

INDUGA designs and supplies

- Channel-type induction furnaces for melting, holding and casting
- Coreless induction furnaces for special applications
- Coating pots for steel strip and pieces
- Low-pressure casting machines
- Plasma systems
- Complete plants

Individual solutions are our speciality!

INDUGA GmbH & Co. KG

Jägerhausstr. 2
 DE-52152 Simmerath, Germany
 Telephone +49 2473 6017 10
 Telefax +49 2473 6017 77
 E-Mail info@induga.de
 www.induga.com

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