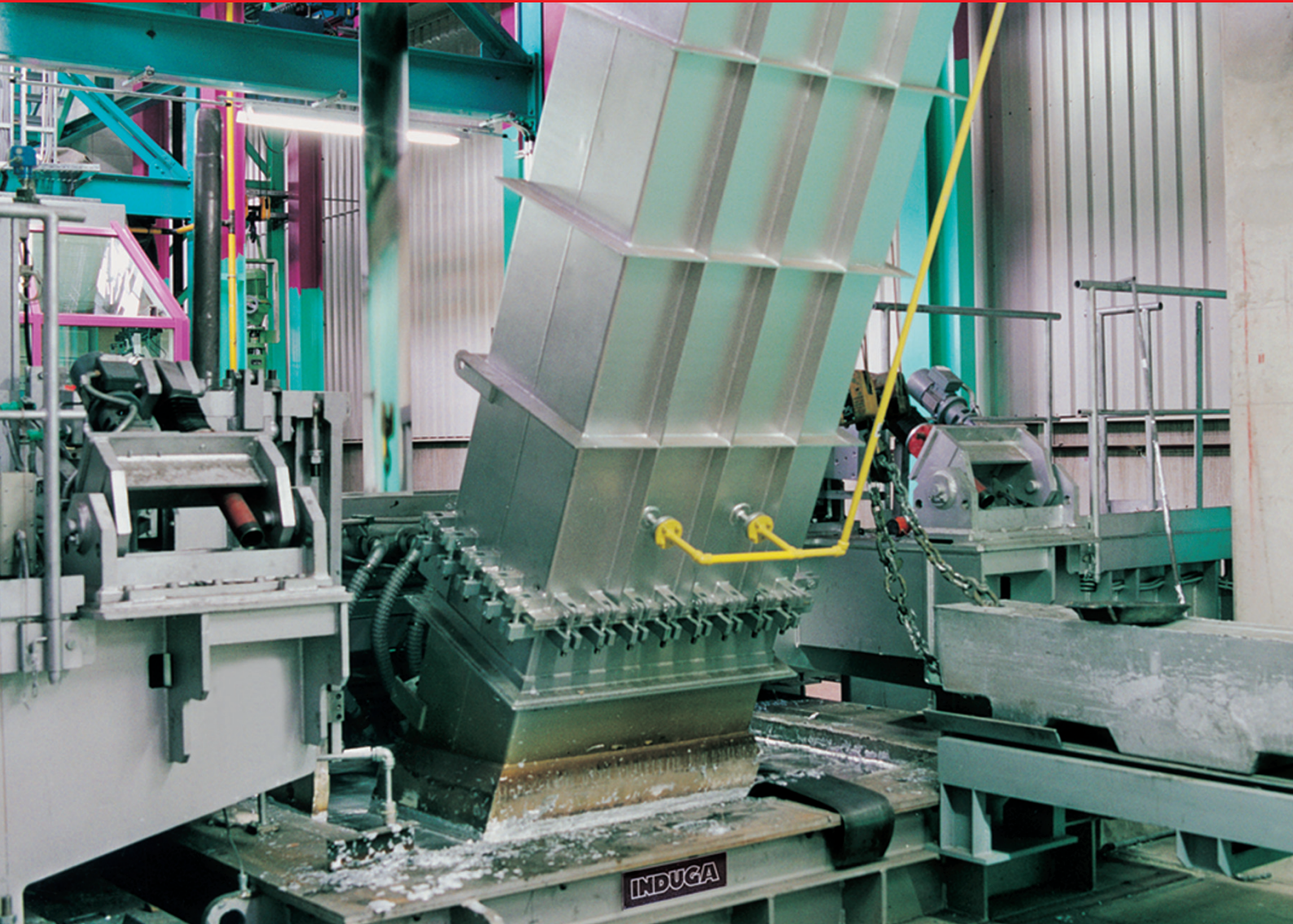
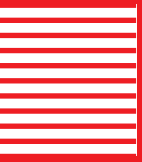


# INDUGA

## Steel strip coating pots

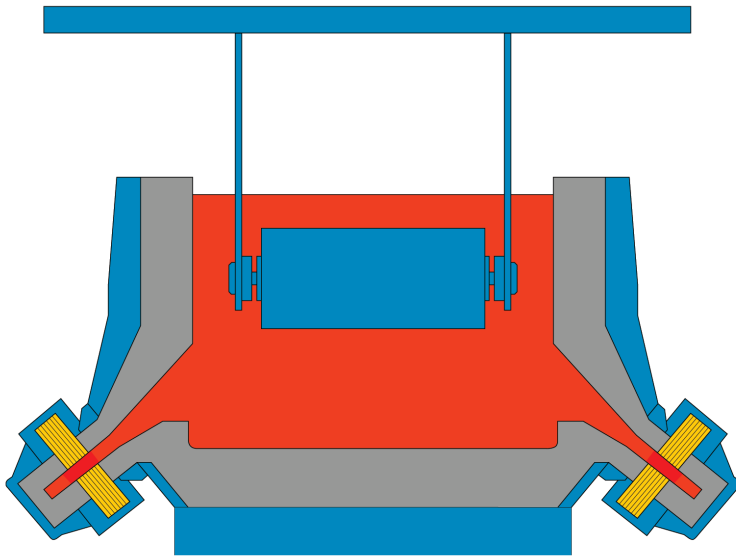
for Zinc and Aluminium alloys



Induction heated vessels, so called “coating pots”, are the ideal solution for coating steel strips with zinc, zinc alloys or aluminium alloys, at high speeds in continuous coating lines.

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## Steel strip coating pots



### Technical data

Design	coating pot with channel type inductors and ceramic lining
Number of inductors	1, 2, 3 or 4
Heating capacity	up to 2,000 kW
Pot holding capacity	up to 350 t
Options	bogies for pot movement, pot lifting device, bath level control, pre-melting furnace with launder, ingot charging systems

INDUGA have designed several types and sizes of coating pots equipped with channel type inductors for steel strip coating lines. A coating pot serves as an integrated melting and holding furnace. The required power of each pot is calculated to cover the radiation losses and to melt ingots of coating material in order to compensate for the drag-out. In addition, a well selected position of the inductors is important especially in large vessels, to ensure homogeneous and precise temperature in the whole coating pot.

For ZnAl, AlSi or other coating alloys we offer a pre-melting furnace (crucible induction furnace) with the corresponding melt transfer launder system.

The coating pots are equipped with a bath temperature control system which automatically adjusts the inductors power. For bath level control we supply well proven laser or radar sensor systems.

In order to ensure the flexibility of the coating lines, mobile pot concepts, possibly with hydraulic type pot lifting device, are provided where alternate galvanizing with other alloy coating is required.

### 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!**

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