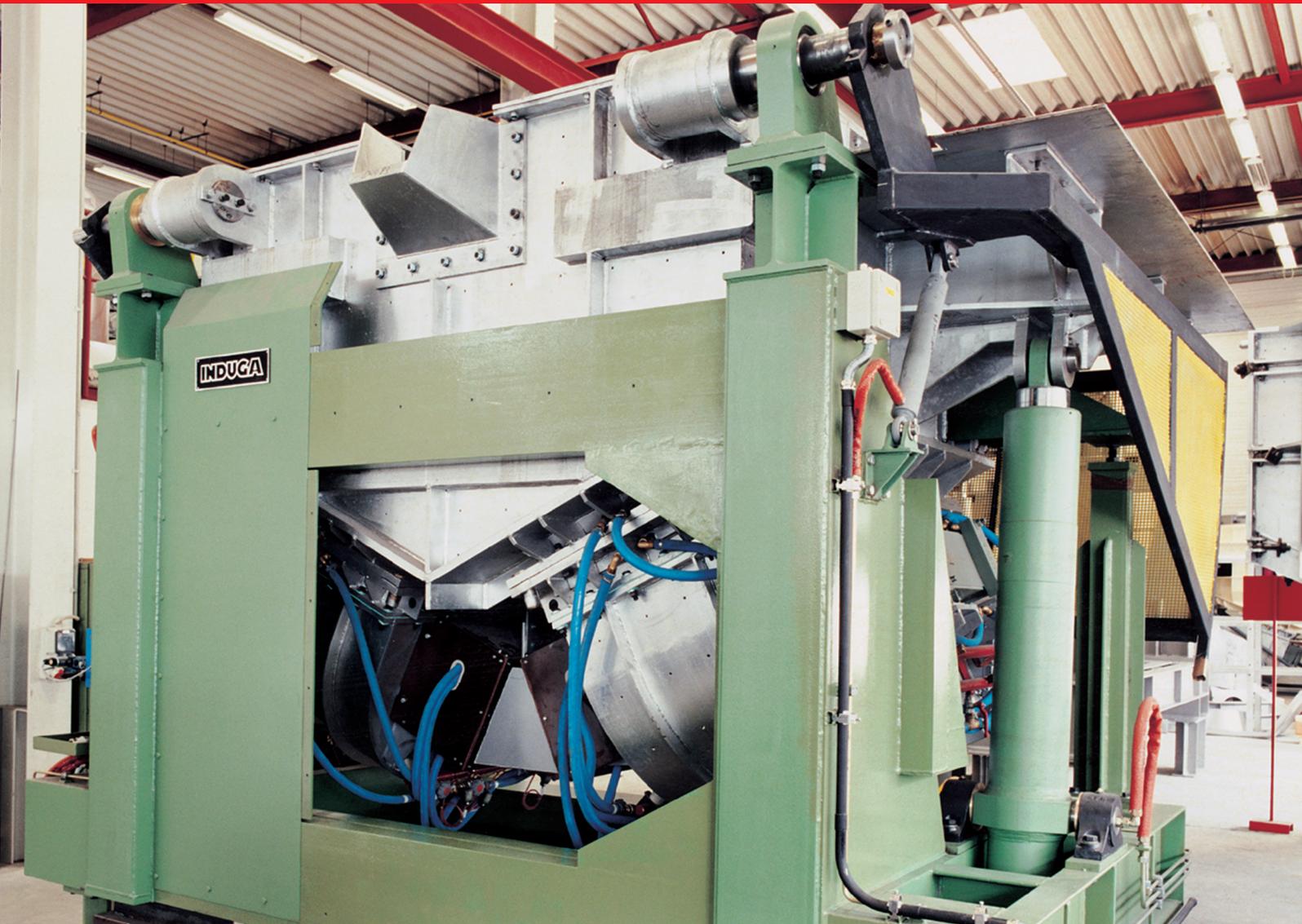
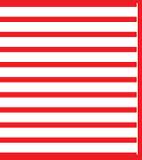


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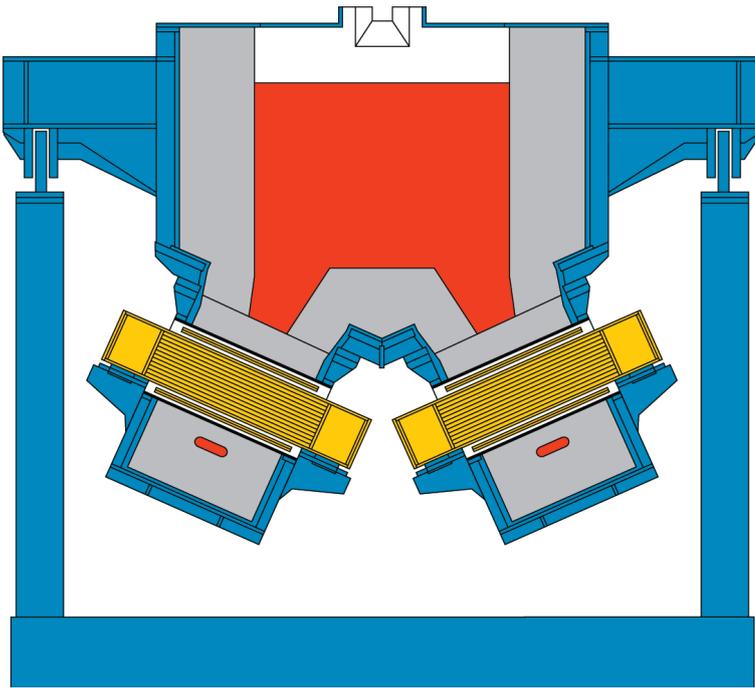
## Channel type melting furnace for non-ferrous metals



The channel type induction melting furnace with its high electrothermal efficiency, variable furnace geometry and cost effectiveness, is the preferred furnace choice for the melting of scrap or bulky materials in the non-ferrous foundry industry.

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## Channel type induction melting furnace



The melting furnace consists of a ceramic lined furnace vessel to hold the melt. One or two channel type inductors are flanged to this furnace for heating. The furnace is hydraulically tiltable for emptying, but is normally not completely emptied; it must be generally operated with a rest of heel.

Outstanding features of the furnace are:

- high electrothermal efficiency
- cost effective melting
- flexible furnace geometry
- clean melting under controllable atmosphere
- low oxidising losses

### Technical data

Design	furnace with one or two channel inductors
Furnace type	hydraulic tilting
Metal discharge	discontinuous
Furnace capacity	1 - 30 t
Taping weight	0,6 - 25 t
Heating capacity	250 - 3,000 kW
Leistungselektrik	mains frequency with regulating transformer or converter unit
Application	melting of non-ferrous metals and alloys

### 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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