

Services and products

Extraction hoods for induction furnaces

- **Tornado** – A double swivelling extraction hood for induction furnaces. Available in many sizes and types.
- **Samum** – A single swivelling extraction hood for induction furnaces with a diameter up to approx. 800 mm
- **Hegoa** – An extraction hood for the over-all capture of critical flue gases above induction furnaces
- **Belat** – An extraction hood for holding furnaces

Other products

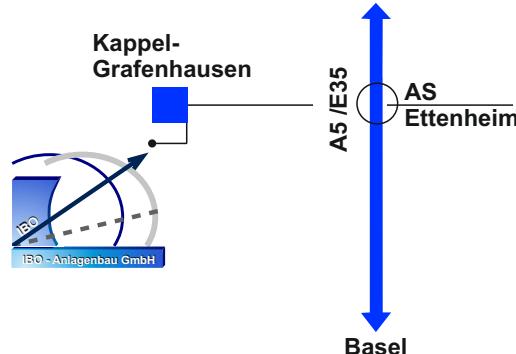
- Ducts
- Spark precipitators
- Feeding systems
- Transport systems on rails
- Dumping troughs
- Design and construction of special purpose machines

Services

- Planning and consulting
- On-site surveys
- Equipment assembly and operation start-up
- Maintenance and service of installations

Design and delivery of complete solutions for dust extraction systems with extraction hoods, ducts and filter systems

Contact / Acces



Varying needs in foundries require custom-built installations adapted to on-site situations. Using its wide ranging experience , IBO-Anlagenbau GmbH is able to carry out the design and installation of custom designed solutions.

IBO extraction hoods are in operation world-wide.



IBO - Anlagenbau GmbH

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**Custom Designed
Solutions for the Extraction
of Flue Gases**



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Main Advantages of our Technology

Tornado

A double swivelling extraction hood for induction furnaces.
Available in many sizes and types

- Suitable for new installations as well as for refitting of existing furnaces
- Low volume flow rate, good extraction capacity
- Direct air duct with even capture of flue gases over the total breadth of the extraction hood
- Capture of flue gases in all phases of operation as well as during the ejection of the crucible
- Solid and durable construction
- “Floating” construction avoids damage due to clamping
- User-friendly construction. Easy maintenance and assembly
- Easy to operate
- Slim construction (during the pouring process the ladle is barely pushed aside)
- Due to the versatile construction and the various hood shapes our extraction hoods adjust well to all individual requirements of any foundry

IBO-Leistungen im Überblick



→ fume hoods for large furnaces



↓
dedusting plants

→ customer specific fume hood designs



Main Advantages of our Technology

Spark separators

Cyclones, rotary precipitators, skimmers

- These devices eliminate sparks from the extracted air preventing damage to the filter system

Ducts

Available in all current materials and diameters

- Connecting pieces, supporting devices, consoles

Feeding systems

Ensure the safe and metered feeding of the furnace

- Tipping troughs, vibrating channels

Dumping troughs

Hydraulically operated dumping devices

- Used to safely unload troughs

Transport systems on rails

