



Plant Engineering Piping Construction

Steel chimneys



Schmelzer steel chimneys and ventilation towers

The new standard for technical progress

Our service offer

- ⇒ - Dimensional survey recording on site
- ⇒ - Statics, including foundation calculation
- ⇒ - Dimensioning
- ⇒ - Acoustic verification
- ⇒ - Emission-technical verification
- ⇒ - Manufacture
- ⇒ - Installation
- ⇒ - Maintenance



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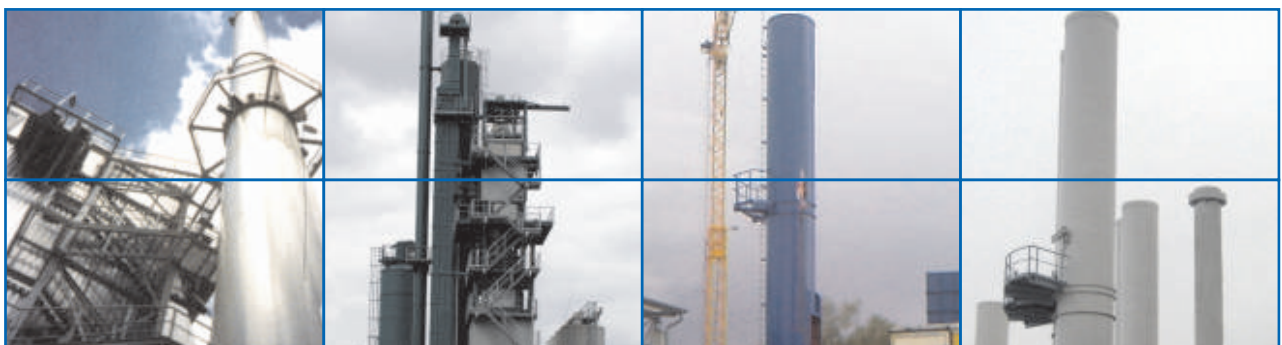
Our program

- ⇒ **Typ I** Chimney 1-piece
1-shell - free-standing
- guyed
- ⇒ **Typ II** Chimney multiple-part
1-shell - free-standing
- guyed
- ⇒ **Typ III** Chimney - with inner draft
2-shell
- ⇒ **Typ IV** Ventilation towers
- ⇒ **Accessories** Pipes, vibration dampers,
acoustic dampers, deflectors,
anchor baskets,
ladders and platforms



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Quality standard

- **DIN EN ISO 9001: 2008**
Quality control management
- **Manufacturer qualification DIN 18800-7 Klasse E** (large-scale weld-suitability verification)
Standards / Regulatory works DIN 18800-7
DIN 4133 (extension to dimension range I (dyn.))
DIN 13084-7

For welding processes: t-MAG / v-MAG(135), t-WIG / m-WIG (141), E (111) [EHand]

Base materials: S235, S355, rustproof austenitic steels according to valid certification approval of the DIBt

- **Works-internal production controls, certified to DIN EN 13084-7 / CE Mark**
- **Certificate AD2000 Specification Sheet HP0**
Weld-technical prerequisite for the manufacture of pressure units, in accordance with Pressure Device Directive 97/25/EG
- **Certificate DIN EN ISO 3834-3**
Weld-technical standard quality requirements
- **Operator test certificates to DIN EN 1418**
- **Welder test certificates:**
 - According DIN EN 287-1
 - In-part also according to AD 2000 Merkblatt HP 3
- **Process tests:**
 - According to DIN EN ISO 15609-1
 - According to DIN EN ISO 15614-1
 - In-part also according to AD 2000- Merkblatt HP2/1
- **Restamping agreement**



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