

Columns



Our special products with high requirements are present in several fields of food and chemical industries, as well as in the energy sector. Columns and towers have a prominent position in our product line with good references. The equipment is made by purchase order in accordance with clients' special requirements and necessarily with international and local regulations.

Design codes:

- EN 13445
- AD 2000
- ASME VIII. Div.1
- other directives and codes: PED

Acceptable general conditions of size and weight:

- diameter: 4500 mm
- length/altitude: 20 m, biggest produced size 45m
- weight: 60 t



Frequently used size of columns:

- nominal diameter: 2000-3500 mm
- total length: 8500-20000 mm
- weight: 15-30 t

The maximum thickness of sheet-metal practicable to roll:

60 mm ~acc. to 600 mm width of sheet



Frequently used size of sheet-metal:

- 1500-2000 mm wide
- 14-40 mm thick

Classes of workable material:

- carbon steel
- low alloyed/creep resistant steel
- austenite/ferrite stainless steel
- duplex stainless steel



Frequently used quality of sheet-metal/ forged steel/tube:

EN, and materials acc. to DIN:

- carbon steel: P265GH, P355GH / P280GH, P355QH1 / P235GH, P280GH
- low alloyed/creep resistant steel: 13CrMo4-5
- austenite/ferrite stainless steel: 1.4301, 1.4404, 1.4571, 1.4541
- duplex stainless steel: 1.4410

ASME materials:

- carbon steel: SA516 Gr.60, Gr.70 / SA105, SA266 / SA106 Gr.B
- low alloyed/creep resistant steel: SA387 Gr.11 / SA182 F11 / SA335 P11
- austenite/ferrite stainless steel: 304, 316L, 316Ti, 321
- duplex stainless steel: S32750

Armour plating can be done with 3-15 mm thickness, materials:

- stainless ex.: 316L
- duplex ex.: S32750
- noniron-metal ex.: N08028

