



solids heavy design applies to equipment for **abrasive** and/or corrosive bulk solids and for **high temperature** processes as well as for **high requirements to robustness** and **rough operating conditions** in compliance with the machine directive without appendix 1 chapter 2.1. food machines.

- Execution in carbon steels or stainless steels, respectively equal casted materials
- Surfaces of casted parts outside sand blasted  
Ra = ~ 12,5 µm, permitted casting defects according quality class VC3 acc. DIN EN 1370
- Abrasive resistant and / or temperature durable
- Very stable and robust constructions
- Dimensioning and design according relevant norms and directives
- Wall thicknesses and weldings according to strength requirements
- Interrupted weldings are allowed
- Weldings in general acc. EN ISO 5817 quality class C
- Pressure proof or pressure shock resistant construction parts with the required confirmations
- Support structures with static calculations as far as necessary
- Carbon steel surfaces: chemical descaled, grounded and painted
- Optionally sandblasted, cleanness SA 2,5 acc. to DIN EN ISO 8501-1
- Stainless steel components: weldings pickled and passivated

