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Pressure equipment  
according to the European Pressure Equipment Directive

## Dimensioning software DIMy



DIMy dimensioning software is an invaluable tool when designing pressurised parts in plant, machinery and piping systems. Alongside fulfilment of safety requirements, correct dimensioning is essential for maximum plant availability and reliability in use, combined with minimum investment costs. The tried and tested DIMy dimensioning software from TÜV NORD ensures optimum design of pressure equipment. DIMy brings together many years of experience and the know-how of TÜV NORD into one practical system which provides planners, designers and independent experts with unique support in the calculation, optimisation and testing of pressurised parts.

DIMy has been used successfully for more than 25 years and is subject to ongoing further development in line with the latest technical standards and regulations. The software contains a material database with all the current applicable material standards, but also with all the old standards - which is important, for example, when performing calculations for existing plants and machinery. The modular system can be configured individually and cost-efficiently to suit the needs of the specific user.

Nowadays around 500 companies put their trust in DIMy and the support of the experts from TÜV NORD when planning, building and marketing pressurised parts according to the latest European and international standards.

**TÜV NORD - Making our world safer.**

TÜV®



## Our services

DIMy includes the following standards:

- AD 2000-Merkblätter
- EN 13445, Unfired pressure vessels
- EN 12952, Water-tube boilers
- EN 12953, Shell boilers
- EN 14025, Tanks for the transport of dangerous goods
- EN 13480, Metallic industrial piping
- ASME Code, Section VIII, Division 1
  
- Integrated database with information on the characteristic values of more than 1,500 materials from European and German standards as well as ASME Code Section II, Part D, with automatic determination of the permissible stresses depending on the standards and the loads
  
- Geometry database of EN 1092-1 flange materials  
Strength proofs, component optimisations and life cycle analyses
  
- Internal pressure dimensioning considering temperature influences, additional loads as well as pulsating and alternating loads
  
- Other TÜV NORD user services:
  - Technical hotline
  - Rapid reaction time
  - Regular update services and downloads when standards change
  - Individual user advisory services for design-related questions

### The benefit to you:

- User-friendly calculations for pressure vessels, valves and fittings, brackets and support parts
- Wide range of use
- Individual configuration of the modular software according to specific user requirements
- Helpful graphics and the possibility of switching between German and English during actual operations
- Very flexible in use - e.g. for individual components
- Print and export capable (RTF and DOC format)

### Our expertise:

- Many years of experience in the calculation of pressure vessels, valves and fittings, brackets and support parts
- Technical expertise through close cooperation with our notified body
- Understanding of both national and international standards and regulations
- Worldwide network of TÜV NORD companies

[We look forward to sharing our expertise with you.](#)  
[Why not contact us.](#)

Tel.: +49 201 825-2769  
[dimy@tuev-nord.de](mailto:dimy@tuev-nord.de)

**TÜV NORD Systems GmbH & Co. KG**  
Große Bahnstraße 31 · 22525 Hamburg  
Am TÜV 1 · 30519 Hannover  
Langemarckstraße 20/28 · 45141 Essen

[www.tuev-nord.de](http://www.tuev-nord.de)

