



Comos Isometrics – new Perspectives for Isometrics

Interactive creation of isometrics from the design to the manufacture and to the “as-built” state – facilitated by user-friendly, intuitive handling with drag & drop function familiar from Windows applications

With **Comos Isometrics**, for the first time a complete solution based on just one central database is available for the interactive creation of isometrics. Intelligent data migration ensures consistent, homogeneous data administration in the fields of planning and operation.

Comos Isometrics is an ideal tool for different planning projects such as construction and reconstruction planning, review and inspection. Various intelligent types of isometrics are supported (construction, as built, erection, prefabrication, spool, and inspection [ndt]).

The important advantages for you:

“ Simple handling keeps down initial training costs ”

“ High efficiency through automatic further processing of data – DIGITAL CHAIN PIPE ”

“ Creation of isometrics based on quality-assured pipe specs and pipe parts (from the Comos PipeSpec Designer), thus increasing engineering quality ”

“ Immediate three-dimensional check of pipe routing in the Comos 3D model ”

“ Connection to calculation and overmeasure systems possible ”

Comos Isometrics

Features at a glance:

“Setting down standard and special-design pipe parts by drag & drop, easy design of special component parts during the planning process”

“Division into pipe spools, using a click of a mouse to generate a spool as a separate drawing with parts list (with automatic calculation of offcut and bending lengths)”

“Automatic generation of a 3D model of the piping during the creation of isometrics”

“Isometrics can be derived from the 3D model”

“Calculation of bolt lengths based on underlying rules and bolt tables”

“Dynamic stretching (pulling of component parts to another place) with associated updating of graphic elements (dimensioning and geometry)”

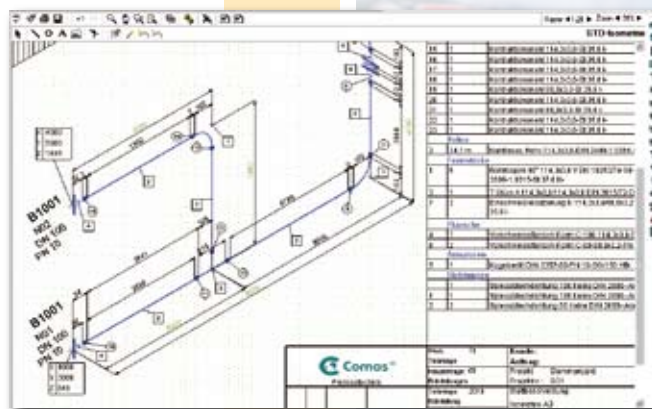
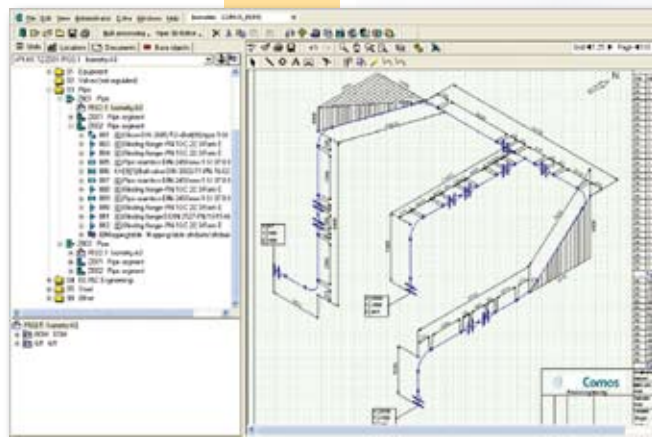
“Can be linked to overmeasure and calculation systems (AES 32, ADIV, Cleopatra, etc.)”

“Automatic calculation of insulation, paint coatings and heat tracing”

“Exact overall view on currently budgeted piping material as MTOs and BOMs”

“Generation of total parts lists and material balancing”

“Interface for data interchange with common third-party systems and data formats, like, for example, pipecad, ISOMET, ISOGEN/ISOdraft (IDF, PCF)”



“With the **Comos PipeSpec Designer** (plug-in), the user can access an efficient tool for pipe specs selection with integrated coordinate check”

“Moreover, the **Comos PipeSpec Manager** provides a tool for data export and import”



More information, as well as contact data for our company locations around the world, can be obtained here:

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