



Turn hours required for piping
isometric drawing
into just a few minutes

A man in a dark suit and black shoes is walking away from the viewer through an open doorway. He is carrying a black briefcase in his right hand. The doorway leads into a digital, futuristic environment. The walls and floor are a light blue color. In the center, there is a large, complex network of blue pipes and joints, resembling a piping system. Several US dollar bills are floating in the air, some appearing to be part of the piping system. The overall scene suggests a transition from a physical world to a digital or virtual one.

ISOMEC™ Piping Engineer's Dream Software

Piping engineers' dream come true

Plant Piping Engineers can now rejoice. Eureka Dsoft brings you ISOMEC, a comprehensive software solution ideal for today's modern work environment. ISOMEC helps you save precious time and offers huge cost savings. Where it would previously take 10 hours to design a piping isometric drawing, with ISOMEC the same work can be done in minutes. What's more, it can be customized completely and is in short, a boon for the piping engineering industry

ABOUT ISOMECC™

Piping Isometric drawing software

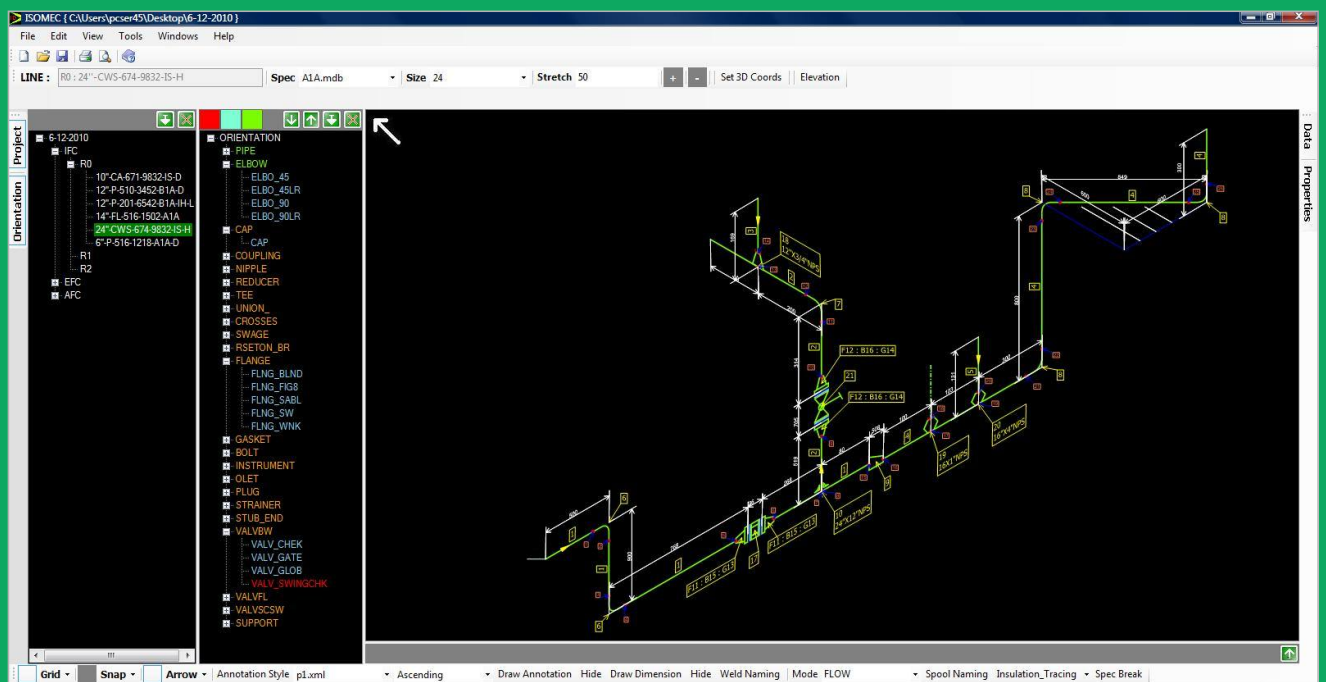
ISOMECC™ is a software for making automatic Piping Isometric Drawing, Bill of material and reporting from outline of isometric. This specific application for Piping Engineering takes care of complete Isometric drawing and related documents deliverables. The Software is automated rule based and specification driven. The dimensions and annotations are supported by all piping components with an object to maximize automation and thereby improving productivity.

ISOMECC™ is designed as per International Standards i.e. American British, European, Russian etc. This software can be tailored to suit specific needs. It can achieve maximum standardization resulting in greater productivity and greater profitability.

Benefits of using ISOMECC™

- Cost savings as one doesn't require CADD for implementing ISOMECC
- This software is specification driven. Just a rough sketch is required to turn work that normally takes hours into minutes.
- 75% of time savings with respect to complicated manual work Bill of Material.
- Can be configured for various industrial requirements by customizing the software using Autosym and Autospec
- Revision management is in-built in the software. The program automatically marks clouds and reports the relevant details for any addition, deletion or modification

Graphical User Interface of ISOMECC™



Input: Hand made Piping isometric or Piping General Arrangement Drawing.

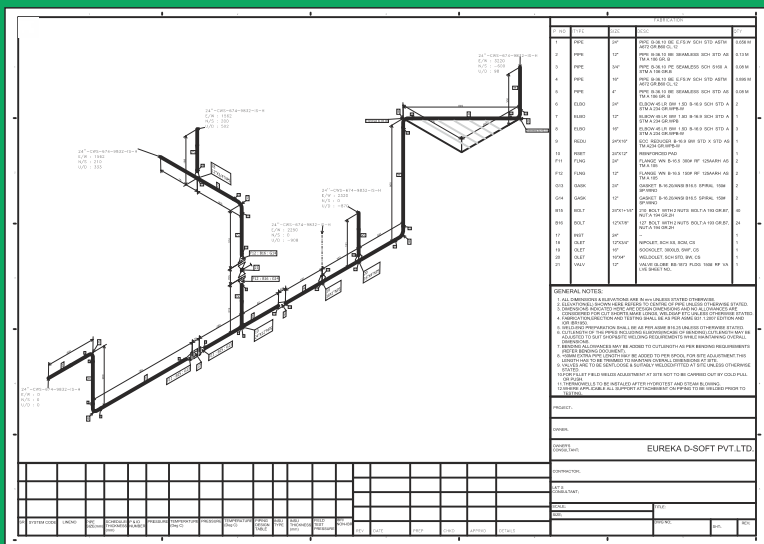
Output: Piping Isometric in PDS, DXF format, Bill of Material, reports.

Interface output: ipmf(isometric Piping management Format) this can be input to AutoSPOOL and SPOOLMAN for further progress of Spool drawing, fit up, line history sheet etc.

Salient Features

The piping isometric drawing software ISOMECSM package when combined with Specification Generation AutoSPEC, Piping Material Specification (PMS) and Symbol Generator turns into a unique independent world-class system, facilitating automated isometrics.

- CAD system is not required.
- Rule based piping solutions/ Specification driven components.
- Automatic generation of BOM/MTO.
- Automatic Summary reports for BOM/MTO.
- Automatic Annotations (Annotation Generator)
- Automatic Dimensioning.
- Slashing design time.
- Automatic change in specification with all associate components. Within minutes one can make desired specification.
- Powerful editing features like Change in Size, Component, Change in piping routine, Intelligent component in order to change as per the modification.
- Provision of support marking with desired labeling.
- Messaging, attachment, instrumentation marking also provided
- Document management of the projects including revision management.
- Reduction in project duration time.
- Creation of user defined symbol.
- Data rich piping standard database as per ANSI, BIS, DIN, IS, etc.
- Automatic bolting as per the bolt standard (Table).
- Automatic Gasket as per standard.
- Automatic Flanges as per the rules.
- Free viewer of all the project data including Isometric.
- Free Editor for commenting on the Isometric drawn.
- Insulation and Tracing are supported.
- Support marking.
- Single interface for viewing and editing of all project line data.
- PDF output of Isometric.
- Accessibility of Data Assets by all in the organization
- Flexibility for designer to add or amend or alter with ease.
- Excellent training and service support.



ISOMECSM Isometric Output

ISOMECSM's Unique Feature

The unique feature of ISOMECSM is REVISION MANAGEMENT with respect to all graphics, annotations, dimensions, etc. After isometric drawing is issued for construction when any revision/modifications are required, the program is capable of taking care of all the existing graphics, annotations and MTO. It incorporates revised data and graphics in a distinct manner for clear communication about site revised material and graphics.

ISOMECSM WORKFLOW

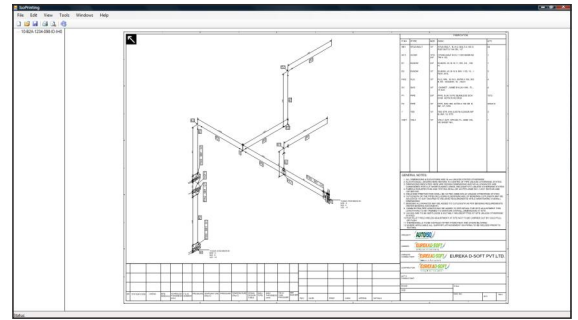
AUTOSPEC
(Piping Material Specification)

ISOMECSM
(Piping isometric software)

Piping Isometric Drawing
with Bill of material or
Material Take Off

Piping bill of material/Material
Take Off reports

AUTOSPOOL
TM



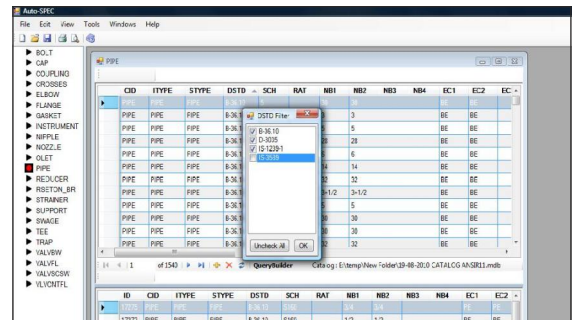
AutoSPEC

Module for creating Piping Material Specification.

This module provides Piping Component Information along with the existing database. PMS - the definition of dictionaries includes components, materials, design, standards, weight and bolts dimensions, component selection rules as well as piping classes, intersection and assembly with automatic creation of codes for each project component.

AutoSPEC - is a user friendly, single screen interface for creation of required specification with ease not necessitating high degree of skills.

This module is capable of generating detailed reports and also different kinds of summary from feedback system to management.



Automatic Branch table generation and Validation for accuracy.

AutoSPEC is additionally flexible, in order to create user defined description, material etc.





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