

PI Integrated Systems

FlexPLANT IDS-ISO™

Supported Autodesk Products: AutoCAD, Autodesk Buzzsaw, Autodesk DWF Composer, Autodesk DWF Viewer, Autodesk DWF Writer, Autodesk Symbols, Volo View

Compatible / Supported Operating Systems: Microsoft® Windows® XP (Professional, Home Edition, or Tablet PC Edition with SP1 or SP2), Windows 2000 Professional, WIN NT 4.0

Supported Languages: English

IDS-ISO™ is a complete module for spec-driven creation of intelligent spool drawings and associated BOM/MTO reports. In-situ intelligence resides in attributed data nodes for pipe, valves and fittings (PVF); besides being reported as single-iso or composite BOMs, this data is used for draw-time checking against spec/rating/size, for automatic dimensioning & notation, and for FlexSNAP insertions.

IDS-ISO especially benefits fast-track projects with its 24-hour, self-learning curve; ease-of-use & intuitiveness; quick-start implementation requiring low or no IT resource; and profit-enhancing & project-friendly pricing. While standalone licenses are hardware-based, workgroup licenses are most often software-managed with the Network Licensing Option (NLO) supporting license check-in/check-out, redundant server, and WAN 24/7 implementations. FlexPLANT's high-productivity per desktop hour combined with NLO's higher utilization of licenses translates into on-time and under-budget projects.

PVF routines insert parametric symbols based on ASME catalogs for pipe, valves, flanges/gaskets/bolts, elbows, tees, crosses & reducers/swages; PVF are inserted on routing lines either explicitly or using the AutoPIPE/AutoELBOW routines. Horizontal/vertical vessels, pumps & other auxiliary equipment may be placed, as well as symbols for nozzles, pipe supports, & columns. Designs are spec-driven by standard or modified PIP specs, or by custom specs created with the companion **IDS-SPEC™** Generator. Additional routines for dimensioning, bubbling and BOM/MTO/Cut-length tables assist further in the early transmittal of accurate iso documents for estimating/purchasing, construction or fabrication.

FEATURES & BENEFITS

- ◆ Equipment: Columns/towers/reactors, exchangers/reboilers, vertical/horizontal vessels & pumps with nozzles may be inserted in iso left/right/up/down orientations – grate/wall transitions & columns.
- ◆ Pipe/Fittings: Buttweld/flanged/socketweld/threaded pipe, reducers/swages, flanges/gaskets, ells/bends/returns, tees/crosses, nipples, couplings/unions, plugs/caps & olets tagged by spec/rating/size.
- ◆ Valves: Gate, ball, globe, butterfly, check, needle, plug, control and process safety valves with hand-wheels/actuators as appropriate - may be inserted singly or as flanged valve assemblies.
- ◆ Insert modes: AutoELBOW auto-inserts elbows along a selected routing line, whereas AutoPIPE auto-inserts intervening pipe between valves & fittings - on manual inserts, pipe breaks for valve/fitting.
- ◆ Dimensioning: Routines for isometric string dimensioning with continue options and calculate feature for end-to-end makeups & assemblies; calculate pipe lengths for annotation & for cut-length table.
- ◆ Extensible: Parametric PVF catalogs may be modified/extended to accommodate variations or whole new fitting classes; custom valves, assemblies, title blocks & miscellaneous symbols may be created.
- ◆ Intelligence: In-situ, attributed PVF data extracted to BOM/MTO & Cut-length table and may be XML'd – AutoBUBBLE routine positions item callouts for extracted items; composite BOM for multiple isos.
- ◆ Extras: Additional piping symbols for insulation, shoes, anchors, base-ells, trunions, & dummy legs; also flow arrows, revision clouds, tie-in symbols, spec-breaks, spool marks and inspection tags.

SUPPORT & TRAINING

!editors! please use **IDS-PIPE** verbiage in this entry for all FlexPLANT products

WHERE TO BUY

PI Integrated Systems

PRICE

\$1595

Autodesk®

Authorized Unique Application Reseller

Autodesk®

Authorized Developer

CONTACT INFORMATION



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