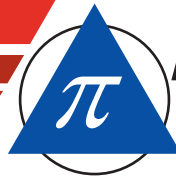


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**IDS-3DD:** 3D Industrial Facility Design - parametrically-generated and attributed 3D pipe, valve & fitting (PVF) and equipment libraries in solid/surface representations; spec-driven or nospec modes; auto-piping & auto-attach modes; autorun routines to automatically insert elbows & pipe along routing lines; 3D steel routines for A.I.S.C. shapes, piperacks, equipment structures, ladders, handrails, & platforms; ReFlexOrtho & ReFlexISO generators for automated creation of equipment layouts, piping plans & elevations, and isometric spool drawings from 3D models..

**IDS-FLOW:** Intelligent P&ID's, PFD's and process schematics - fully attributed libraries for equipment, valves, instrument bubbles, process lines, and other symbology which may be reported as standard equipment, valve, instrument & line lists.

**IDS-PIPE:** Orthographic equipment layouts and piping drawings - parametrically-generated and attributed buttweld, flanged, socketweld, or threaded PVF in double-line or single-line representations; dialog-driven vessels, pumps, equipment & nozzle routines; structural steel for pipe racks, equipment structures, & accessories.

**IDS-STEEL:** Civil/structural plans, elevations & details - complete steel shape libraries; double-line/single-line/symbolic draw modes; architectural components & wall routines; and weldments, structural, concrete & fireproofing details.

**IDS-ISO:** Spec-driven, isometric spool drawings - single-line top/right/left isometric PVF libraries for buttweld, flanged, socketweld, or threaded; automated elbow & pipe insertion routines; attributed PVF extract to single or composite BOM's and cut-length tables; isometric text, dimensioning & notational conventions; and isometric equipment.



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