

# PI Integrated Systems

## FlexPLANT IDS-STEEL™

**Supported Autodesk Products:** AutoCAD, AutoCAD Electrical, AutoCAD Mechanical, Autodesk Architectural Desktop, Autodesk Building Systems, Autodesk Buzzsaw, Autodesk Civil 3D, Autodesk Civil Design, Autodesk DWF Composer, Autodesk DWF Viewer, Autodesk DWF Writer, Autodesk Field Survey, Autodesk Land Desktop, Autodesk Map 3D, Autodesk Raster Design, Autodesk Survey, Autodesk Symbols, Autodesk Utility Design, Autodesk Vault, 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-STEEL™ is a complete module for creation of intelligent structural/civil orthographics & details for equipment structures & pipe racks; for control houses, shelters, warehouses & other support buildings, as well as administration buildings; and for infrastructure such as roadways and utilities. Drawing intelligence resides in attributed data nodes for AISC steel shape members and other structural, piping, civil & architectural components - this data is used for generating weights & MTO's, for automatic dimensioning & notations, and for FlexSNAP insertion modes.

IDS- STEEL 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.

Layout functionality includes placing common equipment types & establishing pipe runs. Structural routines insert AISC members as components of structures & pipe racks, as well as inserting ladders, grated platforms & handrails. Piping functionality addresses ASTM pipe & fittings for process and utilities, including storm water, sewer, sanitary, firewater & potable systems. Civil/architectural routines support vehicle access & personnel areas. Additional features include dimensioning, notes/details, & other annotation.

### FEATURES & BENEFITS

- ◆ Steel members: Double-line/single-line/symbolic insertions of wide-flange, standard, tee, angle, & channel shapes, as well as square/rectangular tubing & plate girders; also standard structural notes.
- ◆ Steel extras: Weld symbol & gusset plate generators; stairs, ladders, handrails & grated platforms with standard details as well as base plate & fireproofing details; generate total weight routine.
- ◆ Equipment: Simple shell representations of vessels for towers, reactors, exchangers, drums & other vertical/horizontal vessels; basic pump configurations; nozzle, lug & saddle insertions.
- ◆ Piping: Simple representations of basic pipe, valve & fittings; banding & chases for grating, floor & wall passthroughs; pipe shoes, guides, brackets & other supports; rack & bent generators.
- ◆ Concrete: Concrete, earth & brick hatches within bounded geometry; parametric routines for drawing circular, square/rectangular, or octagonal drilled piers & embedments; standard concrete details.
- ◆ Architectural: Routines for interior walls include generating corners, intersections and crossings, as well as door openings. Libraries of standard doors, windows, and plumbing fixtures are provided.
- ◆ Civil: Double-line roads, access ways, & walkways; polygon routines for parking & other pavements; routines for curbs, walls & dykes and sewer, sanitary & firewater piping, as well as plumbing & HVAC.
- ◆ Extras: Annotation and symbology for column & pipe support designators, section & detail call-outs, revision clouds & triangles, bar scales & material lists, as well as full dimensioning capabilities.

### SUPPORT & TRAINING

Self-support via [www.flexcad.com](http://www.flexcad.com) & self-train w/ Tutorial; telephone support with Software Support Agreement (SSA)

### PRICE

\$1595

**Autodesk®**

Authorized Unique Application Reseller

**Autodesk®**

Authorized Developer

#### CONTACT INFORMATION



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