

# Benefits of AutoCAD and ShipConstructor

Industry specific tools leveraging the familiar AutoCAD interface



Client Requirements	AutoCAD only	AutoCAD + ShipConstructor
Ease of Use	✓	✓
Familiar AutoCAD UI	✓	✓
Leading 2D Drafting Tools	✓	✓
DWG Compatibility	✓	✓
Low implementation overhead	✓	✓
Cost effective	✓	✓
Intelligent property driven design review with Autodesk Navisworks	✓	✓
Extensive supply chain integration (via DWG)	✓	✓
Industry specific concepts and terminology		✓
Fully integrated cross-discipline 3D modeling		✓
Associative 2D and 3D modeling across DWG's		✓
3D Modeling driven by industry standards		✓
Production drawings linked to 3D model		✓
Back-end product model database		✓
Ship assembly sequencing and planning		✓
Enterprise integration (ERP/MRP/PLM/PDM)		✓
Industry specific production drawings		✓
Automated and manual plate nesting		✓
Automated and manual profile nesting		✓
Production floor automation (NC-code generation, pipe bending)		✓
PCF Export (ISOGEN)		✓
Integration with industry specific analysis and design tools		✓
Industry process driven workflows and controls		✓
Automated user revision tracking		✓
Customizable project reporting		✓
Controlled distributed design workflows		✓
Scalable licensing based on project size		✓

