

# JACKET Pro 3D

Offshore Construction Modeling and Fabrication Application



**JACKET Pro 3D** is a collection of applications that convert ProSteel 3D into a dedicated software tool for companies involved in the design, construction and fabrication of offshore structures, including jackets, barges lifting booms, etc.

With JACKET Pro 3D, you can rapidly construct a ProSteel 3D, AutoCAD-based model of the required structure. Furthermore, JACKET Pro 3D provides you with custom utilities for generating of reports, documents and data that is specific to the offshore industry.

## JACKET Pro 3D Modeling Tools

### Jacket Configurator

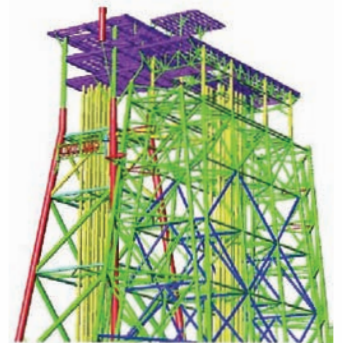
You can rapidly generate a two- or three-legged jacket by inputting a few parameters, such as section sizes, material types, various elevations, bracing types, joint can, and joint can clearances. The generated structure will include pre-defined views.

### SACS Import

This tool enables direct importing of structures modeled in SACS.

- Specialized dynamic tools
- Dynamic joint cans
- Dynamic reducers
- Pipe Brace Connection - dynamic clearance and offset manager
- Pipe break, mend function
- Dynamic hydrostatic ring
- Two-dimensional ribbing for plates and bulkheads

Powered by  
  
**ProSteel 3D**



**StrucSoft**  
S . O . L . U . T . I . O . N . S

YOU HAVE A PROJECT  
WE HAVE SOLUTIONS

# JACKET Pro 3D

Offshore Construction Modeling and Fabrication Application

## JACKET Pro 3D Output Data

The true power of JACKET Pro 3D lies in the quality and variety of output data and documents produced:

## 2D Drawing Production

ProSteel 3D can produce 2D drawings, including any combination of sections, views and parts. These drawings retain a link to the 3D model, thus allowing you to either update or regenerate these drawings if changes are made to the 3D model.

JACKET Pro 3D enhances ProSteel 3D's 2D drawing generation capability by adding a dedicated spool generation tool specifically designed for the production of structural pipe spools.

## Available Reports

From this model you can generate:

Joint Can unfolding report

Bill of materials reports, net weights and center of gravity

Jacket welding reports

CNC output – Vernon Tool pipe cutting machine interface In addition to the DSTV output for Beam lines and layered DXF output for plate cutting machines, JACKET Pro 3D offers a seamless link with the Vernon pipe cutting machine

