# COMPRESS®

## THE STANDARD IN ASME® VIII SOFTWARE

**CODEWARE**®

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Contact us to schedule your
online software demonstration.

**sales@codeware.com**
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**www.codeware.com**

**CODEWARE®**

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**COMPRESS is used by companies in over 65 countries.**

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## Testimonials

*"We have been using COMPRESS since its inception. Les Bildy has developed a first rate product. We have found it very user friendly, and can't imagine our company succeeding without it."*

General Manager
**Hooper Welding Enterprises**

*"In our 20 plus years of using COMPRESS including the design, quotation and fabrication of in excess of 10,000 pressure vessels, we have come to rely on the accuracy and dependability we get each and every time."*

Director of Operations
**Mountaineer Fabricators**

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**COMPRESS is an engineering productivity tool that models, calculates and creates reports for ASME pressure vessels and heat exchangers. COMPRESS 3D solid models integrate with leading drafting and plant design systems.**

## Why COMPRESS

### Increase Design Efficiency

COMPRESS eliminates the time-consuming, manual iteration required by other software to design entire vessels or individual components. For new designs, COMPRESS selects sizes, thicknesses and ratings to meet Code requirements. For rating or turn-around projects, COMPRESS calculates the MAWP and minimum thickness while allowing you to input your existing geometry.

### Integration Is Standard Functionality

COMPRESS fully integrates out-of-the-box with Autodesk® Inventor® and SolidWorks® through our no-charge Codeware Interface add-in.

If you're not using Inventor or SolidWorks, COMPRESS exports 3D solid models of your pressure vessel or heat exchanger designs in ACIS (*.sat), IGES (*.iges), STEP (*.step) or Granite (*.g) format. These neutral files can be opened in many drafting and plant design systems. We also support your custom systems. You can programmatically hook into your COMPRESS data using our XML data export.

### Supporting You Is Our #1 Priority

We are a family-owned company committed to providing industry-leading service to our clients. We know that you're not only committing to our software as it is today but also trusting that we'll provide what you need in the future.

You can rely on us to preserve your software investment by introducing new capabilities. With our support service you'll typically receive two software updates a year.

We have a dedicated support team with deep expertise ready to help you. Our support team includes Mechanical Engineers, Technical Support Analysts and Account Managers.

# COMPRESS Features and Benefits

| Engineering and Design | Enterprise Network | Standard Network | Standard Single User | Annual/Monthly Lease |
|---|---|---|---|---|
| ASME VIII-1 pressure vessel calculations | ■ | ■ | ■ | ■ |
| UHX/TEMA heat exchanger calculations | Option | Option | Option | Option |
| ASME VIII-2 pressure vessel calculations | Option | Option | Option | Option |
| Simple component design | ■ | ■ | ■ | ■ |
| Complete vessel design | ■ | ■ | ■ | ■ |
| ASME II-D (materials, US customary, metric) | ■ | ■ | ■ | ■ |
| Full user defined materials feature | ■ | ■ | ■ | ■ |
| Multiple Code Addenda (1995 – present) | ■ | ■ | ■ | ■ |
| Selection of Building Codes | ■ | ■ | ■ | ■ |
| Selection of related engineering standards | ■ | ■ | ■ | ■ |
| Finite element analysis (FEA) of nozzles | ■ | ■ | ■ | ■ |
| Lifting and rigging analysis | ■ | ■ | ■ | ■ |
| Shell seams feature (includes roll out sketch) | ■ | ■ | ■ | ■ |
| Appendix 2 flange design | ■ | ■ | ■ | ■ |
| Hillside nozzle design | ■ | ■ | ■ | ■ |
| WRC-107/WRC-537 external nozzle loads design | ■ | ■ | ■ | ■ |
| Supports (skirts, saddles, legs, lugs, anchors) | ■ | ■ | ■ | ■ |
| General arrangement drawing (GAD) | ■ | ■ | ■ | ■ |
| Hydrotest calculations (new and corroded) | ■ | ■ | ■ | ■ |
| Multi-chamber design | ■ | ■ | ■ | ■ |
| MDMT rules from UCS-66 and UHA-51 | ■ | ■ | ■ | ■ |
| Radiography summary | ■ | ■ | ■ | ■ |
| Customizable PDF reports | ■ | ■ | ■ | ■ |
| Code Case 2695 | ■ | ■ | ■ | ■ |

## Productivity

| | Enterprise Network | Standard Network | Standard Single User | Annual/Monthly Lease |
|---|---|---|---|---|
| Flange, nozzle and vessel creation wizards | ■ | ■ | ■ | ■ |
| ASME/NBIC forms preparation | ■ | ■ | ■ | ■ |
| Design mode (thicknesses and sizes automatically selected) | ■ | ■ | ■ | ■ |

## Integration

| | Enterprise Network | Standard Network | Standard Single User | Annual/Monthly Lease |
|---|---|---|---|---|
| Autodesk Inventor and SolidWorks integration | 1st Yr. Incl. | 1st Yr. Incl. | 1st Yr. Incl. | Included |
| 3D solid model export | 1st Yr. Incl. | 1st Yr. Incl. | 1st Yr. Incl. | Included |
| XML data export | ■ | ■ | ■ | ■ |

## Technical

| | Enterprise Network | Standard Network | Standard Single User | Annual/Monthly Lease |
|---|---|---|---|---|
| 24-hour license availability | ■ | ■ | ■ | ■ |
| Multi-user license access | ■ | ■ | | |
| Network and remote access enabled | ■ | ■ | | |
| Application server support | ■ | ■ | | |
| Global license (affiliates, subsidiaries) | ■ | | | |

## Support

| | Enterprise Network | Standard Network | Standard Single User | Annual/Monthly Lease |
|---|---|---|---|---|
| Online training | 1 Session | 1 Session | 1 Session | 1 Session* |
| Technical support and software updates | 1st Yr. Incl. | 1st Yr. Incl. | 1st Yr. Incl. | Included |
| Calculation verification manual | ■ | ■ | ■ | ■ |

*Online training only included with annual lease option.

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