

# CademPVD

## Software for the Mechanical Design of Process Equipment

Equipment design experience since 1987 captured, polished and ready for transfer to designers, fabricators and plant engineers.

- **Intelligent, works with minimum inputs**
- **Generates final designs at estimation stage**
- **Saves costing and quotation making time**
- **High quality documentation with all formulae and relevant code clauses**
- **Time tested, proven & established**

**Pressure Vessels**  
**Reaction Vessels**  
**Agitator Shafts**  
**Heat Exchangers**  
**Process Columns**  
**Storage Tank**  
**Floating Roof**  
**Chimney**

**ASME Sec. VIII Div. 1**  
**TEMA**  
**IS 2825**  
**EN 13445**  
**EEUA**  
**API 650**  
**API 620**  
**IS 6533**

“CademPVD” is an integrated software encompassing all aspects of mechanical design of various process plant equipment. It is a very intelligent software and works with minimum inputs. For any data that is not provided by the user, the software uses the best possible estimates for them wherever possible. This makes the software very easy to use, thus greatly enhancing equipment design productivity.

eg: For a body flange of an equipment, none of the parameters like the Flange OD, Flange ID, PCD, Number and Size of bolts, Gasket OD & ID, etc. need to be specified. The software evaluates all these undefined parameters by itself, meeting the requirements of the specified equipment design code.

The software performs intricate calculations like design of tube plates, at just the click of a button, even for multiple design conditions.

In the software, the user defines the main features of the equipment. Any changes to the features of the model are automatically reflected in all other dependent components.

The software provides detailed design calculations with relevant code clauses and formulae. This facilitates easy obtaining of approvals. This high quality documentation supports ISO and other certification processes at the customer's end.

**FREE 30 DAY TRIAL AVAILABLE ON OUR WEBSITE [www.cadem.net](http://www.cadem.net).**

### Simplify

Mechanical Design

Cost Estimation

Design Documentation



## CADEM SOFTWARES

Enhancing your business strength and design capabilities.

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