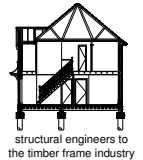


# Stour Valley Timber Engineering

presents a new tool for the  
timber frame engineer



## Timber Frame Engineering™

We provide a specialist design software package for timber frame engineers. The software, **Timber Frame Engineering™**, is easy to use and produces a consistent quality format output - every time and is easy to follow and check. It uses BS 5268 Parts 2 & 6.1 as its foundation and other relevant British Standards are utilised as required.

The index page below illustrates the number of design sheets available within the software and that come as standard. There are no 'add-ons' to the software - 'what you see is what you get'. Bungalows to 7 storey buildings can be analysed and designed.

Reference	General & Index	Loading	General Stability
1	www.stourvalleytimberengineering.co.uk - Timber Frame Engineering™ v3.02h 2001-2006©		
2			
3	Please read disclaimer before proceeding. By using this this spreadsheet you are agreeing to the terms and conditions.		
4	<b>TIMBER FRAME ENGINEERING - INDEX PAGE - Licence OK</b>		
5	Your unique solution to timber frame engineering -		
6	<b>Reference</b>	<b>General &amp; Index</b>	<b>Loading</b>
7			
8	<input type="radio"/> About Timber Frame Engineering	<input type="radio"/> Cover Sheet	<input type="radio"/> Loading
9	<input type="radio"/> Licence Details	<input type="radio"/> Contents Page	<input type="radio"/> Wind Loading
10	<input type="radio"/> Design Requirements	<input type="radio"/> Design Plans / Sketches	
11	<input type="radio"/> Timber Grades & Stresses	<input type="radio"/> Foundation Loads	
12	<input type="radio"/> Steel Section Properties	<input type="radio"/> Summary of Project	
13	<input type="radio"/> Calc checksheet	<input type="radio"/> Masonry Properties	
14			
15			
16	<b>Stud &amp; Cripple Stud Design</b>	<b>Floor Joist Design</b>	<b>Trimmer Beam Design</b>
17			
18	<input type="radio"/> Stud Input Data	<input type="radio"/> Solid floor Joist Input Data	<input type="radio"/> Beam Input Data
19	<input type="radio"/> Stud Design	<input type="radio"/> Solid floor Joist Design	<input type="radio"/> Steel Beam Design
20	<input type="radio"/> Stud Design Calculations	<input type="radio"/> Solid floor Joist Calculations	<input type="radio"/> Steel Beam Calculations
21	<input type="radio"/> Stud Design Summary	<input type="radio"/> I-Joist Data Input	<input type="radio"/> Timber Beam Design
22		<input type="radio"/> I-Joist Design	<input type="radio"/> Timber Beam Calculations
23	<input type="radio"/> Cripple Stud Input Data	<input type="radio"/> Single Span I-Joist Calculations	<input type="radio"/> Fitch Beam Design
24	<input type="radio"/> Cripple Stud Design	<input type="radio"/> Double Span I-Joist Calculations	<input type="radio"/> Fitch Beam Calculations
25	<input type="radio"/> Cripple Stud Calculations	<input type="radio"/> Joist Design Summary	<input type="radio"/> Beam Design Summary
26	<input type="radio"/> Cripple Stud Design Summary		
27			
28			
29			
30	<b>Miscellaneous Timber Frame Components</b>		<b>To Create Adobe Set Of Calcs:</b>
31			
32	<input type="radio"/> Steel Seating Cleats	<input type="radio"/> Welded Angle Cleat Calc	1. Use Macro to select all sheets or select manually.
33	<input type="radio"/> Timber Stairs - Closed Risers	<input type="radio"/> Timber Stairs - Open Risers	2. Use Menu>File>Print>Adobe Distiller.
34	<input type="radio"/> Steel Stair Component Design		3. Check properties is set to A4 page size.
35	<input type="radio"/> Balustrade Design to Open Web Joist		4. Select 'Active Worksheets' and 'Print To File'
36	<input type="radio"/> Balustrade Design to Solid Joists		5. Return
37	<input type="radio"/> Cantilever Parapet Design	<input type="radio"/> Parapet using continuous studs	6. When prompted for a file ref enter appropriate ref and Enter.
38	<input type="radio"/> Open Web Joist Check		7. When completed open 'Adobe Distiller' (NOT Acrobat)
39	<input type="radio"/> Loading Out Joist Check		8. Menu>File>Open (select 'All Files' and select the file previously saved.
40	<input type="radio"/> Stud Estimates		9. Distiller then converts the selected file to PDF format and returns it to the same location and file name.
41			
42			
43			
44	<input type="radio"/> Return to Index Page		
45			
46			

Continued ...

A few features include:

- Automatic 'load transfer' down the structure as design takes place
- Individual wall loading and design for greater economy
- Full racking analysis to BS 5268 Pt 6.1 – as amended Nov 2007
- Comprehensive range of materials and grades
- Steel beam and post designs to BS 5950 if required, including connection design
- Full stud and cripple stud designs with automatic 'load carry-down'
- Wind analysis using 'Standard' or 'Hybrid' method to BS 6399
- Eurocode 5 version under development

*In fact there is very little it will not do* – but there will always be challenging structures that push the boundaries out; and that's where the Engineer starts. As the boundaries move so does the software, hence the availability of upgrades. If there are any features that you would like considering please email your ideas to:

[support@stourvalleytimberengineering.co.uk](mailto:support@stourvalleytimberengineering.co.uk).

The only minimum operating system requirement is Microsoft® Excel 2003 or later. A minimum RAM of 1GB is recommended.

For further information or to download a set of sample calculations visit our web site [www.stourvalleytimberengineering.co.uk](http://www.stourvalleytimberengineering.co.uk) or call Jonathan Bedford on 07952 545763.

## Pricing Strategy

**Licences** *(Includes for initial cost of shipping the software, 12 months support as defined below and annual licence renewals for unlimited number of users. The term 'site' refers to different company addresses where the s/w is installed. Number of support calls may be limited if training is not provided. Excludes the cost of Microsoft® Excel.)*

**Annual Support** *(Includes for occasional telephone support and upgrades, but NOT major code changes. Code changes will be advertised separately. Occasional telephone support is defined as an average of 2 calls per month)*

### **Training**

Training can be provided for a maximum of 4 attendees at your offices for a total cost of £850, although the package is intuitive in itself. This is a 1 day course.

**Pricing matrix** (Licenses purchased after June 2007 will receive a free upgrade to the EC5 version, those purchased prior to that date will incur a 50% of 1<sup>st</sup> site license upgrade in addition to the annual maintenance fee.)

Version	1 <sup>st</sup> Site license	Alternative site license	Annual maintenance 1 <sup>st</sup> / alternative site
2 storey version	£2,000.00	£ 850.00	£500 / £300
3 storey version	£2,400.00	£1,050.00	£600 / £400
4 storey version	£2,800.00	£1,250.00	£700 / £500
5 storey version	£3,200.00	£1,450.00	£800 / £600
6 storey version	£3,600.00	£1,650.00	£900 / £700
7 storey version	£4,000.00	£1,850.00	£1,000 / £800

*If at a later date you need to upgrade to a more storeys – just pay the difference.*

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[www.stourvalleytimberengineering.co.uk](http://www.stourvalleytimberengineering.co.uk)