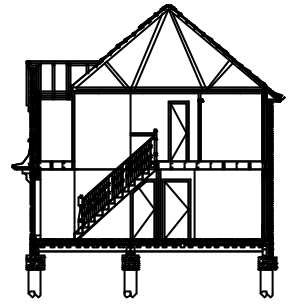


Stour Valley Timber Engineering

presents a new tool for the
timber frame engineer

Timber Frame Engineering™



structural engineers to
the timber frame industry

www.stourvalleytimberengineering.co.uk

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.

Microsoft Excel - Timber Frame Engineering v3.01c

Type a question for help

Timber Frame Engineering

3 Please read disclaimer before proceeding. By using this this spreadsheet you are agreeing to the terms and conditions.

4 **TIMBER FRAME ENGINEERING - INDEX PAGE - Licence OK**

5 **Job title line 1 - Job title line 2**

Reference	General & Index	Loading	General Stability
8 <input type="radio"/> About Timber Frame Engineering	<input type="radio"/> Cover Sheet	<input type="radio"/> Loading	<input type="radio"/> Overall Stability
9 <input type="radio"/> Licence Details	<input type="radio"/> Contents Page	<input type="radio"/> Wind Loading	<input type="radio"/> Racking 6.1 - Lower Floors Max 2.7m Panel Ht
10 <input type="radio"/> Design Requirements	<input type="radio"/> Design Plans / Sketches		<input type="radio"/> Racking 6.1 - Upper Floors Max 2.7m Panel Ht
11 <input type="radio"/> Timber Grades & Stresses	<input type="radio"/> Foundation Loads		<input type="radio"/> Racking 6.2 - Lower Floors Max 4.0m Panel Ht
12 <input type="radio"/> Steel Section Properties	<input type="radio"/> Summary of Project		<input type="radio"/> Racking 6.2 - Upper Floors Max 4.0m Panel Ht
13 <input type="radio"/> Masonry Properties			
14			
15			
16 Stud & Cripple Stud Design	Floor Joist Design	Trimmer Beam Design	Steel Post Design
18 <input type="radio"/> Stud Input Data	<input type="radio"/> Solid Floor Joist Input Data	<input type="radio"/> Beam Input Data	<input type="radio"/> Steel Post Input Data
19 <input type="radio"/> Stud Design	<input type="radio"/> Solid Floor Joist Design	<input type="radio"/> Steel Beam Design	<input type="radio"/> Steel Post Design
20 <input type="radio"/> Stud Design Calculations	<input type="radio"/> Solid Floor Joist Calculations	<input type="radio"/> Steel Beam Calculations	<input type="radio"/> Steel Post Calculations
21 <input type="radio"/> Stud Design Summary		<input type="radio"/> Timber Beam Design	<input type="radio"/> Steel Post Design Summary
22	<input type="radio"/> 1-Joint Data Input	<input type="radio"/> Timber Beam Calculations	<input type="radio"/> Connection Design Steel Beams to Post
23 <input type="radio"/> Cripple Stud Input Data	<input type="radio"/> 1-Joint Design	<input type="radio"/> Pitch Beam Calculations	<input type="radio"/> Connection Summary Steel Beams to Post
24 <input type="radio"/> Cripple Stud Design	<input type="radio"/> Single Span 1-Joint Calculations	<input type="radio"/> Beam Design Summary	
25 <input type="radio"/> Cripple Stud Calculations	<input type="radio"/> Double Span 1-Joint Calculations		
26 <input type="radio"/> Cripple Stud Design Summary	<input type="radio"/> Joist Design Summary		
27			
28			
29 Miscellaneous Timber Frame Components		To Create Adobe Set Of Calcs:	
30 <input type="radio"/> Steel Sealing Closets	<input type="radio"/> Welded Angle Cleat Calc	1. Use Macro to select all sheets or select manually.	
31 <input type="radio"/> Timber Stairs - Closed Risers	<input type="radio"/> Timber Stairs - Open Risers	2. Use Menu>File>Print>Adobe Distiller.	
32 <input type="radio"/> Steel Stair Component Design		3. Check properties is set to A4 page size.	
33 <input type="radio"/> Balustrade Design to Open Web Joist		4. Select 'Active Worksheets' and 'Print To File'	
34 <input type="radio"/> Balustrade Design to Solid Joists		5. Return	
35 <input type="radio"/> Inset Parapet Design	<input type="radio"/> In Line Parapet	6. When prompted for a file ref enter appropriate ref and Enter.	
36 <input type="radio"/> Open Web Joist Check		7. When complete open 'Adobe Distiller' (NOT Acrobat).	
37 <input type="radio"/> Loading Out Joist Check		8. Menu>File>Open (select 'All Files' and select the file previously saved.	
38 <input type="radio"/> Stud Tabulation		9. Distiller then converts the selected file to PDF format and returns it to its same location and file name.	
39			
40			
41			
42			

14 INDEX / About TFE / Licence Details / A Design Requirements / 1 Calc Cover Sheet / 2 Contents / Sketches / Foundation Loads / 3 Summary / 4 Loading / 5

Ready

NLM

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
- Provision for disproportionate analysis and design using two differing methods, depending on building layout
- 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

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.

The only minimum operating system requirement is Microsoft® Excel 2002 or later. A moderate RAM of 256MB is recommended.

For further information or to download a set of sample calculations visit our web site www.stourvalleytimberengineering.co.uk or call Jonathan Bedford on 07952 545763.

Pricing Strategy- 2005

Licences *(Includes for initial cost of shipping the software, 12 months support as defined below and annual licence renewals)*

1st Site Licence: £3,500 *(unlimited number of users)*

Alternative site licences: £1,500 *(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.

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.

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)*

1st Site: £750

Alternative site licences: £475

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