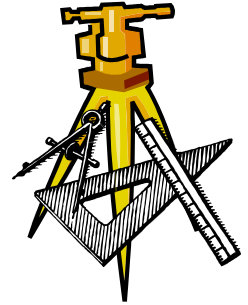


Stour Valley Technical Services

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	TIMBER FRAME ENGINEERING - INDEX PAGE - Licence OK		
5	Your unique solution to timber frame engineering -		
6	Reference	General & Index	Loading
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	<input type="radio"/> Overall Stability
12	<input type="radio"/> Steel Section Properties	<input type="radio"/> Summary of Project	<input type="radio"/> Racking 6.1 - Lower Floors Max 2.7m Panel Ht
13	<input type="radio"/> Calc checksheet	<input type="radio"/> Masonry Properties	<input type="radio"/> Racking 6.1 - Upper Floors Max 2.7m Panel Ht
14			<input type="radio"/> Racking 6.2 - Lower Floors Max 4.8m Panel Ht
15			<input type="radio"/> Racking 6.2 - Upper Floors Max 4.8m Panel Ht
16			Racking 6.2 - panel ht 4.8m under development
17	Stud & Cripple Stud Design	Floor Joist Design	Trimmer Beam Design
18			
19	<input type="radio"/> Stud Input Data	<input type="radio"/> Solid floor Joist Input Data	<input type="radio"/> Beam Input Data
20	<input type="radio"/> Stud Design	<input type="radio"/> Solid floor Joist Design	<input type="radio"/> Steel Beam Design
21	<input type="radio"/> Stud Design Calculations	<input type="radio"/> Solid floor Joist Calculations	<input type="radio"/> Steel Beam Calculations
22	<input type="radio"/> Stud Design Summary	<input type="radio"/> I-Joist Data Input	<input type="radio"/> Timber Beam Design
23	<input type="radio"/> Cripple Stud Input Data	<input type="radio"/> I-Joist Design	<input type="radio"/> Timber Beam Calculations
24	<input type="radio"/> Cripple Stud Design	<input type="radio"/> Single Span I-Joist Calculations	<input type="radio"/> Fitch Beam Design
25	<input type="radio"/> Cripple Stud Calculations	<input type="radio"/> Double Span I-Joist Calculations	<input type="radio"/> Fitch Beam Calculations
26	<input type="radio"/> Cripple Stud Design Summary	<input type="radio"/> Joist Design Summary	<input type="radio"/> Beam Design Summary
27			
28			
29			
30	Miscellaneous Timber Frame Components		To Create Adobe Set Of Calcs:
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	<input type="radio"/> Return to Index Page		
44			
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.

The only minimum operating system requirement is Microsoft® Excel 2007 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.stourvalleytechnicalservices.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 Software is normally issued by email, but if you require a CD backup copy this can be arranged for an additional £50 fee. Please indicate this on the order form.

Version	1 st Site license	Alternative site license	Annual maintenance 1 st / alternative site
2 storey version	£2,400.00	£ 950.00	£600 / £350
3 storey version	£2,800.00	£1,150.00	£700 / £450
4 storey version	£3,200.00	£1,350.00	£800 / £550
5 storey version	£3,600.00	£1,550.00	£900 / £650
6 storey version	£4,000.00	£1,750.00	£1,000 / £750
7 storey version	£4,400.00	£1,950.00	£1,100 / £850

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

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www.stourvalleytechnicalservices.co.uk