The Total Service

Scotts of Thrapston is one of the country’s leading suppliers of specialist timber products for the construction industry.

As a leading member of the Trussed Rafter Association, Scotts is at the forefront of modern roofing technology and is fully committed to upholding the highest industry standards.

The specialist roof structures division offers the complete package, from design and fabrication through to delivery on-site. It handles a diverse range of schemes from domestic housing through to large span commercial projects. Skilled designers produce imaginative and cost effective designs from your initial specification and complete roof structures are then manufactured to your exact requirements.

Scotts has an enviable reputation for offering a total timber engineering service to many UK housebuilders and construction companies.

Aided by the latest computer technology and leading industry software, Scotts is able to provide detailed drawings and load calculations for submission to planning authorities. Additionally, Scotts’ designers can assist architects with roof designs from the planning stage onwards to comply with clients’ requirements.
Attention to Detail

Scotts is the preferred supplier to many of the industry’s leading housebuilders and construction companies due to a combination of personal service, attention to detail and the employment of advanced technology.

A Scotts designer will follow each contract or project through to completion, right up to delivery on-site. Using leading industry software, from Wolf Systems, experienced and professional personnel will design the roof to meet your precise specification. This software system enables the designers to prepare drawings and to output manufacturing schedules ensuring consistency throughout the project.

Scotts has a dedicated manufacturing unit, employing skilled craftsmen and using the latest in up-to-date technology and capital equipment. This modern resource ensures a flexible and efficient production process to suit customer demand.

Quality assurance is central to the Scotts service. Working to BS 5268 Part 3 and ISO 9001, Scotts designs and supplies all structural roof components from the wall plate up. This includes bracing, ties, hips, valleys, special infill timbers and all timber to timber connections.
Versatility

Trussed rafters are individually designed timber components, engineered to provide a structural frame for a wide range of roof structures. Prefabricated timber trusses are used in over 90% of all modern housing and in an increasingly large proportion of commercial and industrial buildings, particularly those with a varied and interesting roof design.

For commercial projects, the prefabricated system allows large span structures to be delivered and erected in one piece, thus drastically reducing the amount of on-site time, and consequently cost, for the contractor.

All manner of roof features are possible, from splays and flat tops to curves and dormers. As roof structures become more and more complex, and contractors look for cost-efficient solutions, the expertise offered by Scotts is in greater demand than ever before. There is a growing demand, particularly amongst housebuilders, for the addition of room in the roof trussed rafters, adding value and space to modern housing developments.
Room in the Roof

Room in the roof trussed rafters are a simple yet highly effective means of maximising a building’s potential and the system yields obvious benefits to the contractor, developer and homeowner alike.

Typically, the system will increase the available living space by around 30% without increasing the footprint or incurring exorbitant build costs. Prefabricated trusses or entire roof structures can be easily incorporated into a building without the need for complex, labour intensive site work.

A standard room in the roof trussed rafter combines a structural roof and floor in just one component and, once erected on site, creates a room that is ready for roof finishes, plasterboarding and floorboarding. Internal partitions can be positioned irrespective of lower floor layout since trusses can clear span onto external load-bearing walls.

Tank supports, window details and dormers are all bespoke options, designed to suit the specific project.

Once completed, the room in the roof is a truly flexible space – used for any purpose from a guest bedroom or playroom to a gymnasium or home office.
The Designers’ Choice

The trussed rafter system offers the designer the opportunity to create unique, eye-catching and highly individual roofs without breaking the budget. Structures can be designed to take every sort of specialist roofing finish or fashioned to create a wide range of roof shapes. Dual pitch roofs, L-returns and hipped roofs can all be specified with confidence to suit the demands of each project.

Combining roof finishes is easily accomplished. Planning restrictions required the designer of a private residence in Northamptonshire (shown above) to copy local roofing styles and the finished scheme incorporates a charming mix of straw thatch and hand-made clay tiles. The eyebrow windows in the main house are part of a room in the roof structure, whilst the adjoining garage features exposed rafter ends, reflecting the architectural style of local agricultural buildings.

Curved roofs create a strong impact. Semi-circular and crescent shaped developments can be designed with either standard trusses or room in the roof trusses and can support any sort of finish, from real slate through to concrete tiles. Modern materials, such as stainless steel, can be fitted to virtually any sort of curve, bringing highly original roof shapes within easy reach of today’s designers.

As part of a trussed rafter roof package, Scotts is able to supply curved roof features, bolted trusses and glue-laminated beams and the specialist team is happy to advise on design and construction.
Technical Specification

As members of the Trussed Rafter Association, Scotts adheres to the most stringent principles of best practice and quality assurance. Using ISO 9001 and the TRA Code of Practice, Scotts can offer every customer the highest levels of manufacturing excellence and customer service.

Scotts supplies all structural roof components from the wall plate up and all elements of the final trussed rafter, including delivery services, are quality assured.

Timber and Treatment
All timber is kiln dried and stress graded to BS EN 519 and meets the highest British and European quality standards. European whitewood is the favoured material and composite trusses are available for special purposes and applications. In compliance with the Scotts environmental policy all timber is cut from managed forests and sustainable sources and Scotts has achieved PEFC certification.

Timbers can be supplied pressure treated, to BS 5268 Part 5, with a variety of preservatives to guard against fungal and insect attack. Spirit based, waterborne and special fire resistant finishes are all available on request.

Steelwork
The Scotts roofing package includes all necessary metal connectors including joist hangers, truss clips, straps and ties. Construction grade galvanised nailplates, made to BS EN 10147, with a 60 year warranty are used throughout. Stainless steel and extra heavy duty nailplates are available for special applications. Bespoke and special metal fixings for specific applications are designed and made to order.

Delivery
Using its own dedicated transport, Scotts co-ordinates deliveries to suit your schedule. Once delivered, further guidance is available regarding the safe storage and handling of trusses prior to erection.
**Bespoke Luxury Doors**
From basic primed flush doors through to the highest quality inlaid veneer or panelled doors, Scotts has the solution to meet most commercial or residential applications. The Scotts range of fire, acoustic, security and other performance doors are tailored to suit individual customer requirements, whether for refurbishment or new build projects.

**Period Windows and Bespoke Joinery**
For many years, Scotts has had an enviable reputation for producing bespoke joinery, of the highest quality, for both commercial and domestic projects. In addition, Scotts manufactures and supplies bespoke timber windows, including sliding sash and casement windows and French doors, which combine the charm and character of traditional windows with current, thermal performance requirements.

**Roof Structures**
As a leading member of the Trussed Rafter Association, Scotts can design and supply all structural roof components from trussed rafters and room in the roof trusses to roof structures for special applications. Scotts is the preferred supplier to many leading UK housebuilders and construction companies, handling a diverse range of projects.

**Engineered Floors**
The easi-joist engineered floor system from Scotts provides a practical, cost effective alternative to traditional timber joists, whether for domestic or commercial applications. A precision designed and manufactured floor system, easi-joist combines stress graded timber with engineered metal webs to create a flooring solution to suit your specification.

**Summerhouses and Pavilions**
Scotts manufactures and supplies distinguished summerhouses, including the RHS range of garden buildings. Bespoke garden and leisure buildings and pavilions can also be supplied for a variety of purposes. The range of sumptuous summerhouses will enhance any garden setting and provide the perfect hideaway whilst every pavilion is purpose designed and manufactured to suit your exact needs.

**Equestrian Buildings**
Scotts is the country’s leading supplier of bespoke timber equestrian buildings with an unrivalled reputation for design, quality and customer service. The Scotts service includes initial design through to on-site construction. Whether a complete yard complex, an American barn or a simple field shelter is required, Scotts provides the perfect solution for you and your horses.

**Garages and Outbuildings**
Scotts garages and workshops can be created to accommodate your treasured motor vehicle, whether a cherished classic car or motorbike or a family runabout. Scotts bespoke timber garages are designed and manufactured for each specific and unique application.

**Education Buildings**
Scotts Education Buildings are designed to provide the ideal learning environment in which pupils can thrive and achieve their full potential. Contemporary, low carbon buildings from Scotts offer schools and nurseries a quick, cost effective and high quality permanent solution to increased space demand. From initial design through to completed building handover, Scotts turnkey service ensures peace of mind.

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