

Steel Truss Manufacturing for Modern Building Projects



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A roof does more than cover a building. Its framing needs to carry the required loads and work with the overall structure. That makes the choice of roof trusses an important part of the construction process.

Steel truss manufacturing offers a way to produce lightweight framing components with high tensile strength and weight-load capacity. Steel can also resist moisture and requires less maintenance, making it suitable for different residential and commercial applications.

What Goes into a Steel Truss?

A truss needs to suit the building rather than work as a standalone component. Its design depends on the roof, building layout and project requirements.



Key considerations include:

- Roof design and dimensions
- Required load capacity
- Project specifications
- Building type and intended use
- Manufacturing accuracy
- Installation requirements

Good design comes first. Engineering and design software can help prepare the details before manufacturing begins.

How Are Steel Trusses Manufactured?

Modern manufacturing equipment can turn those designs into accurately formed steel components.

Cevisco uses engineering and design software alongside an automated roll former to produce roof trusses and other light gauge steel framing products.



The same manufacturing approach supports wall frames, floor joists and panels. This allows different framing components to work together within a wider building design.

Steel trusses can suit both residential and commercial construction. The right option depends on the individual project, so it is worth considering the roof design and structural requirements before selecting a framing system.

If you are researching steel truss manufacturing, look beyond the finished truss. The design process, manufacturing equipment and project requirements all play a part in producing framing that fits the building.

