

**Welded Wide Flange (Three Plate Girders)  
Special Sections**

Algoma's Welded Wide Flange Special Sections provide designers with maximum flexibility in selecting the optimum structural steel section for their specific application.

Special Shapes are available in an extensive range of profiles, including asymmetric, singly symmetric and doubly symmetric I-shapes, T-shapes and Z-shapes. These products can also be produced with depths which vary along the length, thus providing the ideal member profile. Upon negotiation, and subject to mill capabilities, these shapes are available in steel strength levels up to 50 ksi (350 MPa).

Special welding requirements, such as full penetration welds for dynamically loaded members, can be accommodated up to a maximum thickness of 5/8" (16 mm). Supplementary testing, including x-ray, ultra-sonic, magnetic particle and liquid penetrant is available for critical end-uses subject to negotiation and acceptance.

Special production requirements, such as camber or extra long sections, can also be accommodated. Cambering is available up to 8" (200 mm), and sections can be produced in any custom length up to 80' (24400 mm).

[www.algoma.com](http://www.algoma.com)

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**STEEL**