

Euclid Software for Long Span Steel Structures

Euclid is custom software written for Geometrica to assist its engineers in the design, fabrication, and erection of long-span metal structures in America and Mexico. Euclid's capabilities include parametric generation of common structure geometry; geometric transformations to adapt geometry to project architectural requirements; detailing of structural members and connections; generation of fabrication tables; and truss, rigid frame, and hybrid structural analyses of behavior under a variety of loading conditions. Several program features are implemented as external components, which allows easy extension of the program's capabilities without modifying the core software. As examples, components may be written to generate basic geometry for a series of similar structures, to design members according to the requirements of a new design code, or to view and generate drawings of structures that display information in a particular format.

Contact: Kenneth Good---Not Current
Organization: Good Software
Address: 214 Nickels Arcade
City: Ann Arbor
State/Province: MI
Postal Code: 48104
Country: USA
Phone No: 313-994-1092
FAX:
URL:
Email: