

CASTCONNEX[®]

innovative components for inspired designs



Cast Connex® is a world leader in the industrial design, engineering, and supply of steel castings for structural applications in buildings and bridges. Founded in 2007 in Toronto, Canada, and with offices throughout the United States, Cast Connex has designed and supplied tens of thousands of castings to the construction market. We have developed unparalleled technical expertise through years of cutting-edge laboratory research on the design, manufacture, structural performance, and materials science of steel castings, conducted at the University of Toronto.

At Cast Connex we strive to offer our customers complete turn-key solutions for structural castings. We perform extensive structural engineering analysis and design using sophisticated non-linear finite element modelling techniques. We work with our customers' detailing teams to ensure that our castings are integrated with the connection details of all incoming framing members and other structural elements. The results of our analyses inform our selection of appropriate, project-specific mechanical properties and

non-destructive examination programs, and we oversee all quality assurance that is carried out during the manufacturing process. We define the machining scope for each casting, in consultation with our clients, and we confirm the geometry of as-cast and machined features via 3-dimensional co-ordinate surveys and scans. When it comes to quality and structural performance, steel castings designed and supplied by Cast Connex have no equal.

Cast Connex's portfolio includes countless world class projects in every sector of construction. Some notable work includes the Salesforce Transit Center in San Francisco, California; 30 Hudson Yards in New York, New York; Apple Campus in Cupertino, California; Bermuda Airport, Bermuda; Vancouver Airport in Vancouver, British Columbia; and L.A. Rams Stadium in Los Angeles, California. Design architects with which we've collaborated include Renzo Piano Building Workshop; Pelli Clarke Pelli Architects; Foster + Partners; Rogers Stirk Harbour & Partners; and Skidmore, Owings and Merrill (SOM).

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