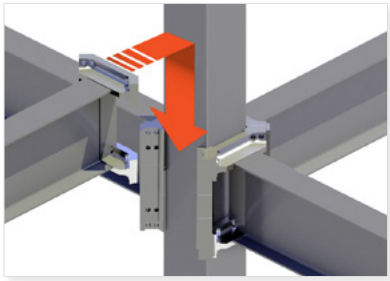
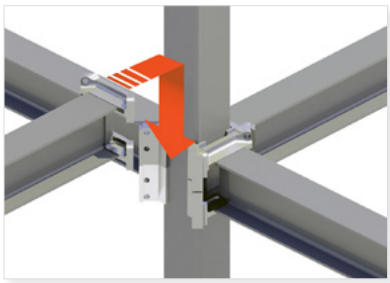
Standardized, Lower & Locking™ Moment Connections

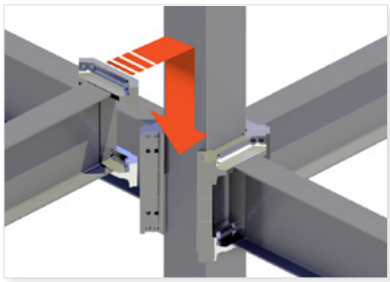
The ConXtech System for Industrial Applications



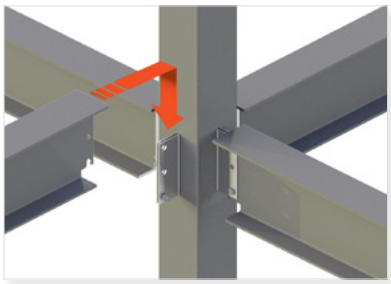
CONXR™200



CONXL™300



CONXL™400



CONX™ GRAVITY CONNECTION

Constructibility

The ConXtech System was conceived with constructability in mind:

- Schedule Acceleration & De-Risking
- Efficient Stick-Built or Modular Construction
- Simplified Logistics
- Minimized Lay Down
- Field Modification/Reconfiguration
- Modular Expandability with Standardized Parts
- Simplified Pipe Installation

CONXTECH®

The ConXtech System for Industrial Applications

ConXtech® is a chassis based modular structural steel system ideal for pipe rack and processing or equipment units, as well as high-density residential, commercial, healthcare and other structures.

For nearly two decades, ConXtech has teamed with high profile clients to design and deliver innovative structures that improve safety and accelerate schedules while reducing Total Installed Costs (TIC).

Codification,Prequalifications & Approvals

The ConXtech System has achieved acceptance into the most stringent U.S. and International Building Codes and complies with a growing number of local, national, international and trade based certifications. ConXtech's state-of-the-art factory is AISC and CWB certified.

ConXtech Connections

The ConXL connection is codified by the American Institute of Steel Construction (AISC) and published in AISC 358-10 Prequalified Connections for Special and Intermediate Steel Moment Frames for Seismic Applications.

ConXtech Manufacturing

ConXtech's fabrication facility is AISC certified.

ConXtech's fabrication facility is certified by the Canadian Welding Bureau (CWB) to CSA Standard W47.1.

Benefits of ConXtech Compared to Conventional Delivery

- Safer to assemble: ConXtech Lower and Locking connections and integrated self-aligning stacking/ lifting lug improve safety and require fewer workers and fewer man-hours.
- Faster to erect: Accelerated schedule (2 – 3X faster) lowers overall risk and brings rapid ROI.
- Eliminates bracing: Simplifies pipe layout and routing, and often reduces rack levels required. Also, site maintenance is easier without bracing in the way of access to do repairs.
- Eliminates field welding: Bolted bi-axial moment frame structure requires no field welding. Modular attachment points built into beams and columns reduce field rework costs.
- Fewer man-hours: Significant reduction in on-site labor required vs. conventionally built structures.
- Plug & play modules: Simplify maintenance and allow for configurability and future modifications.
- Modular, factory fabricated frame assemblies: Can be stick built or assembled into modules, transported, safely assembled or disassembled and then reconfigured/re-used.

The ConX System for Industrial Applications

A ConXtech® Modular Chassis is built from standardized components, making it an intuitive system to safely and rapidly assemble in the field or mod-yard.

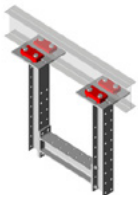
Modular Chassis Components

Standard beams, columns and other chassis components.

Columns & Beams with Moment & Gravity Connections

Column Extension

T-Support Assembly



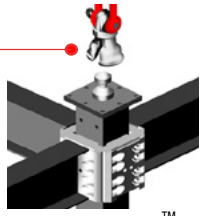
Trapeze Assembly

Cantilever Outriggers (Moment or Gravity)

Modular Assembly System

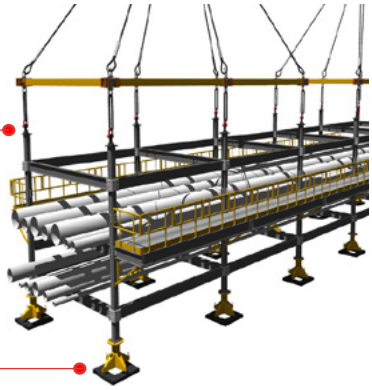
Components for simple, safe hoisting and assembly.

Stacking Lifting Lug™ (SLLUG™)



Quick Lift Module™

Ground Assembly Stand

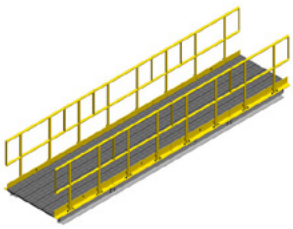


Mod-Yard or Field Assembly

Modular Access System

Components for safe and efficient access with reduced scaffolding.

Modular Fixed Ladder



Modular Access Platform

Modular Safety Rail

Modular Toe Kick

Cable Tray Support Outrigger

CONTACT US
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