

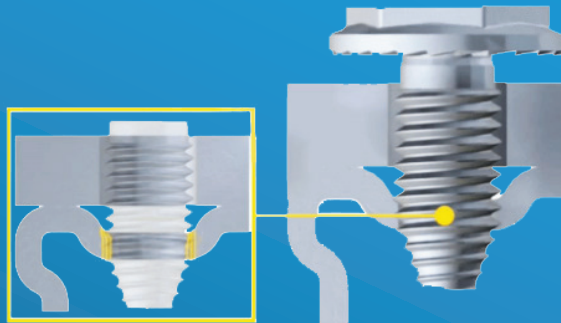
Pipe Supports

With a low self-weight and high torsional resistance, the Sikla siFramo system performs great as a process pipe support.

- Sikla siFramo allows for connections on all four sides at the same elevation
- Higher torsional resistance and lower self weight compared to steel beams
- Self-Forming Screws allow for quick and easy installation
- Hot-Dipped Galvanized finish
- Frames can be adjusted in the field in order to adapt to any unexpected conditions
- Sikla integrates seamlessly with Unistrut channel

Self-Forming Screw Technology

- Non-cutting technology
- Threads of the screw “cold form” threads into the pilot holes of the perforated siFramo section
- Low thread-forming torque and resulting high clamping force create a vibration-proof connection
- Vibration resistant system to US Dept. of Defense MIL-STD 810g
- Screws are removable and can be used again
- No requirement for multiple sizes of back-plates, carriage bolts, nuts, or washers
- Allows for fast assembly using basic hand tools



**A SINGLE
FASTENER
FOR THE
ENTIRE
SYSTEM**



For inquiries, please contact:

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1-800-586-4787



UNISTRUT
MIDWEST

sikla



Sikla Pipe Rack



Sikla Riser Rack

Multi-Trade Racks

A Completely Weldless Solution

Multi-Trade Racks (MTR) are modular structural frames with a custom assembly of standardized MEP components. The trade-racks consist of the rack structure, cable tray, electrical components, HVAC ductwork, piping, insulation, and sometimes framing and drywall for special installation circumstances. Sikla's hot-dipped galvanized finish is more than suitable for almost every environment.

The racks can be delivered to your job site, lifted into place, and connected to the necessary equipment.



With Sikla's self-forming screw technology, these racks can be constructed quickly with simple hand tools. Sikla's hot-dipped galvanized finish is more than suitable for almost all environments.

Multi-Trade and Riser Rack Options

Sikla siFramo can be used to construct a variety of multi-trade and riser rack applications. Sikla's engineers design racks for both in-situ load capacity, as well as all transportation and lifting stresses. Critical to success in any offsite fabrication project, all lifting and transportation forces are considered in the rack design calculations.

Lighter 2D Corridor or Riser Racks

- Unistrut and Sikla hybrid
- Typically 20 ft x 5 ft
- Up to 3000 lbf
- Six hangar positions
- Strut bays
- Sikla longitudinals

Multi-trade Racks - Structural

- 40 ft multi-trade racks
- 8 ft wide, up to 5 ft deep
- Up to 8000 lb rating of 200 lb per ft corridor service load
- Modular steel chassis and strut intermediates for varying trades
- Lifting lugs side-mounted

Heavier Flat Pipe Racks, Volumetric Corridor, or Riser Racks

- Up to 26 ft x 10 ft wide
- Up to 6000 lbf at 8 ft supports

Estimated Productivity

At least 300% faster output when compared to traditional welded steel support structures.

The main reason to consider a prefabricated Multi-Trade Rack is speed to market. Unistrut/ Sikla racks are assembled quickly, often in a third of the time of traditional welded steel equivalents. Taking work off site allows for shorter construction durations, work to be done in parallel to primary structure construction, and most importantly safe and ergonomic work conditions for our laborers.

Volumetric Rack Construction Example

20' x 6' (5 bays, each 4')

Total connections:

48 joints, 24 cut beam sections, 4 full 20' sections

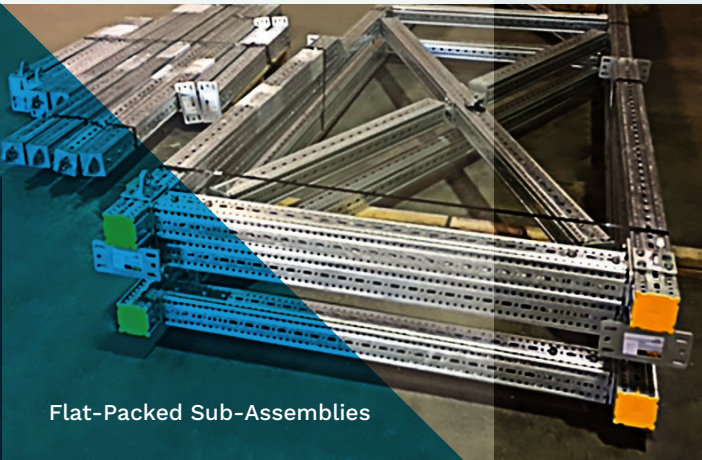
SIKLA COMPONENTS	TIME* (MIN)	QTY	TOTAL (MIN)
Framo 100	4	24 cuts	96
8 screw connection	4	48 joints	192
1 operator			288
2 operators			144

*Per cutting or connecting operation

In-house time and motion studies to determine the schedule of rates to aid the estimation process. Conservative estimates (max. time allowances per operations, and in-series sequence assumed).



Sikla Multi-Trade Rack



Flat-Packed Sub-Assemblies



Requiring fewer people without welding capabilities, a Sikla prefabricated rack frees up more of your team for billable work and eliminates the need for hot-work permits.

Sikla Multi-Trade Rack