



# SINGLE-SIDED WALL TRUSS™



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The new Single-Sided Wall Truss is EFCO's solution when you need to form tall one sided wall pours. The Single-Sided Wall Truss transmits the pour pressure through the formwork into the truss configuration and then into anchors installed in the slab or grade beam.

This EFCO system works for both civil and commercial projects where walls are being placed right up against the property line or against excavated rock.

The leasable EFCO Single-Sided Wall Truss system offers the following features and benefits:

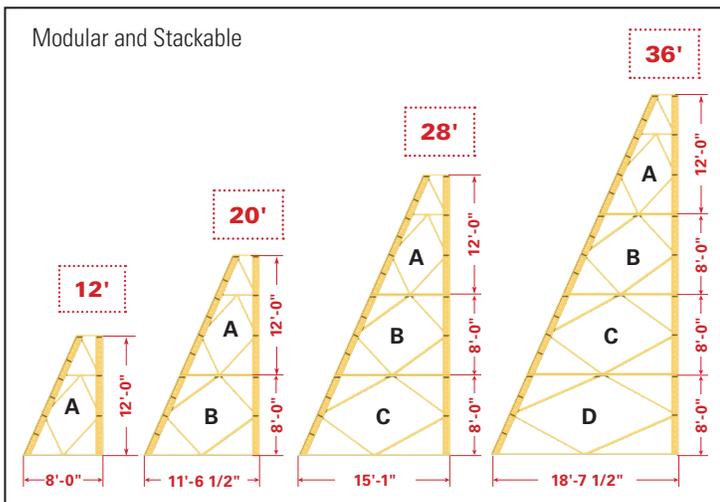
- A **tieless** formwork solution with the system anchored to the slab.
- Designed for **1,000 psf** pour pressures at varied frame spacings depending upon height.
- Four **modular** sized trusses can deliver up to 40' tall walls to be poured.
- Ability to add EFCO SUPER STUDS® formwork on top for **additional height** requirements.
- Engineered welded trusses provide **labor savings** during assembly.
- Front and rear truss-based jacks provide 6" of **adjustment**.
- **Swivel** wheels provide the system the ability be maneuvered in any direction when cycling large gangs.

**SSWT** is an ideal **SOLUTION** for:

commercial and civil projects in locations where space is limited!

# MODULAR - STACKABLE - FLEXIBLE

The EFCO Single-Sided Wall Truss (SSWT) system is a modular, stackable, and flexible system that can be used to pour walls up to 40' tall in a one sided application.



## MODULAR

- Spacing between assemblies of trusses can typically range between 24"-48" based on wall height and pour pressure requirements.
- Various bracing options allow for numerous configurations.
- Can use a 45° tie down anchor system or front vertical and back horizontal support. The front anchor is either installed 45° to the horizontal or straight up and down (vertical). When the vertical anchor is used, a support bracket is needed to resolve the horizontal force.
- Each frame can fit on a standard 8' wide truck bed avoiding the need for wide load permits.

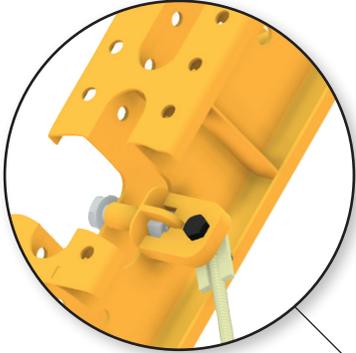
## STACKABLE

- The top frame is 12' tall with (3) additional 8' frames that can be bolted below for a 36' tall set-up. Add a SUPER STUD® to the top of the frame and walls up to **40' tall** can be produced.

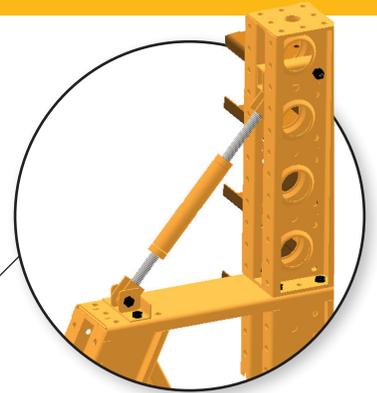
## FLEXIBLE

- Accommodates any EFCO form system whether it be *PLATE GIRDER*®, *EFCO LITE*®, *E-BEAM*® and *SUPER STUD*®, or even *REDI-RADIUS*®.
- Truss frames are universally compatible with both Imperial and Metric EFCO equipment.
- EFCO *SUPER STUDS* can be bolted to the top of the frame enabling even taller forming. This also enables the frame to be customized to any height.
- Wheel accessories can be added to any gang assembly enabling fast cycling between pours as well as eliminating the need for a crane to cycle.
- Turnbuckles enable variable spaces between frames depending on height of pour and the design pour pressure.

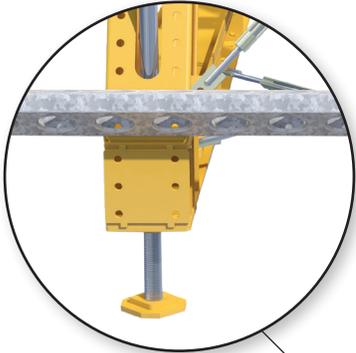
# WALL COMPONENTS



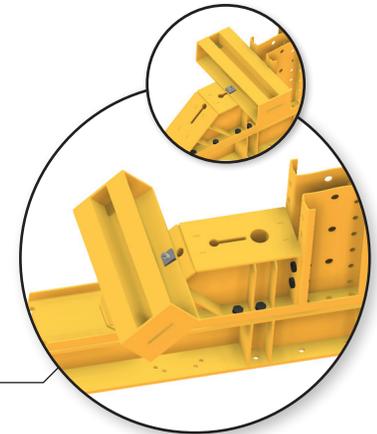
Turnbuckles enable variable spacing between each frame.



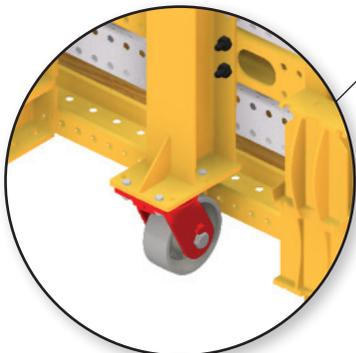
**A** SUPER STUDS® can be bolted to the top of any frame to extend the height of the wall. The same "giant-erector set" versatility of SUPER STUDS can be used with the Single-Sided Wall Truss system to solve the most complicated concrete forming challenges.



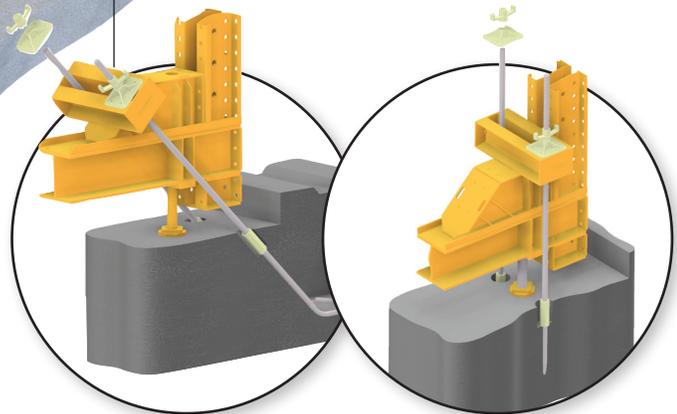
Jacks designed for a 5° slope in any direction.



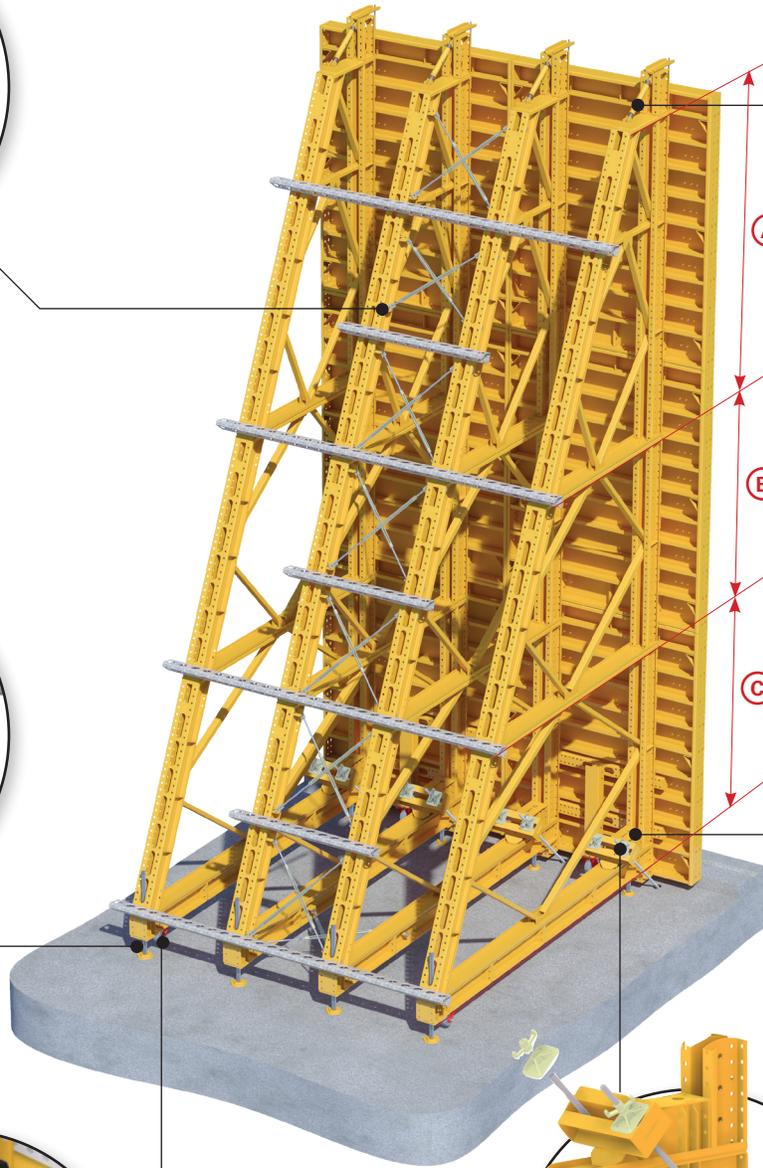
The knuckle support is slotted to enable the system to work with slightly misaligned anchors.



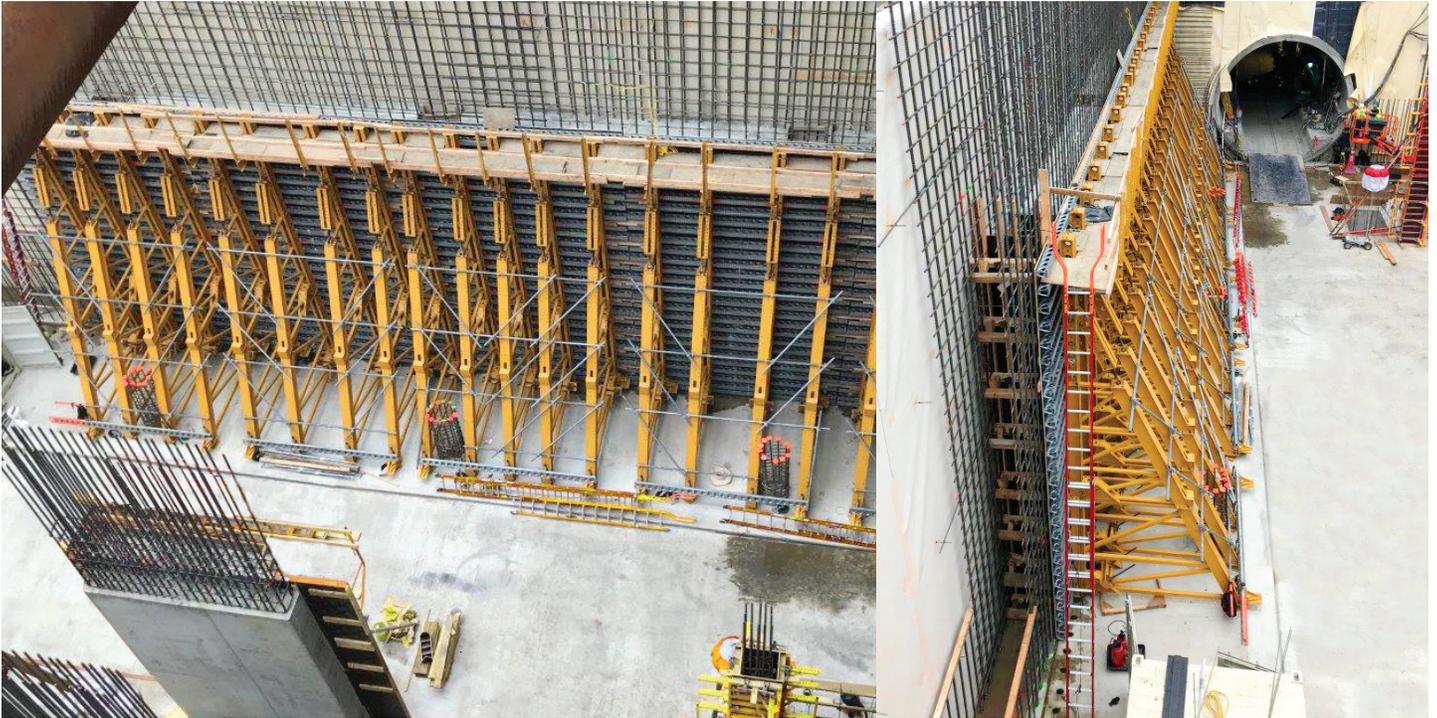
Gangs can be maneuvered in any direction between pours on four heavy duty steel swivel wheels.



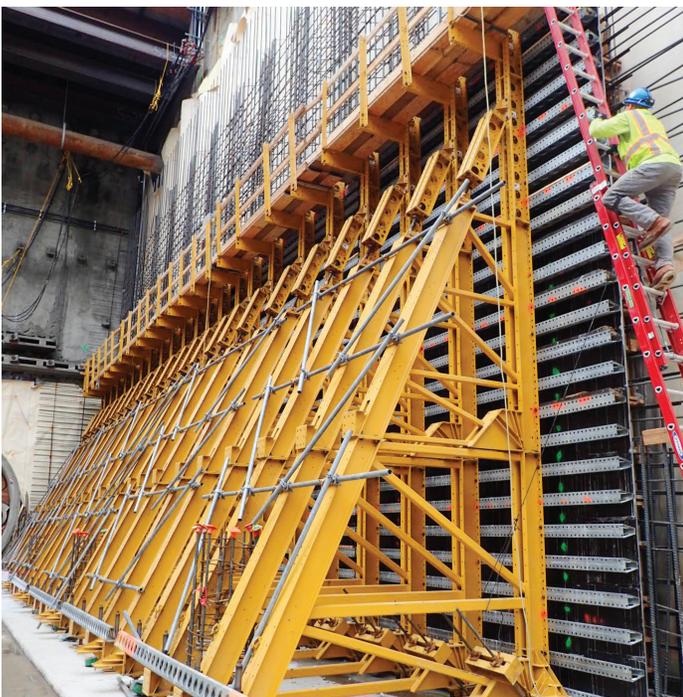
The knuckle is versatile so you can use 45° tie down anchors or a vertical tie down anchor system.



# APPLICATIONS



The new Single-Sided Wall Truss is EFCO's solution when you need to form tall one sided wall pours.



The top frame is 12' tall with (3) additional 8' frames that can be bolted below. Add a SUPER STUD to the top frame and walls up to 40' tall can be poured.



Gangs can be rolled around between pours on four swivel wheels.



Gangs of SSWT frames are assembled before moving into place.