

Flex-Form®

FORMING SYSTEM



 **SYMONS**
BY DAYTON SUPERIOR

Features



System Features

The all-steel Flex-Form® system gives you all the strength and versatility you expect from Symons. Flex-Form has integral 4" deep vertical stiffeners with $\frac{3}{16}$ " steel skin plate to provide up to a 1,200 psf system that adapts to any radius 5' and over.

Factory-rolled steel ribs set the radius and bolt to the top and bottom of flexible panels to shape and securely hold the form in the required radius. Panels conform accurately to the radius of the ribs — this design assures the correct radius every time. By substituting a straight rib, you can use the Flex-Form system for straight walls when needed.



Excellent Concrete Finish

Because the steel skin plate flexes to form the desired arc, there's no "chording" effect evident in the poured concrete surface. Conventional panel systems produce form joint marks that require grinding and rubbing, but the Flex-Form system produces smooth concrete surfaces that require practically no finishing labor.

Fast and Simple Erection

Panels are typically delivered to the jobsite pre-assembled to the required radius. There are no expensive templates to build, no floppy panels to handle and no bolts to torque. You can start building the Flex-Form gang immediately.



If the job requires more than one radius, simply order extra rolled ribs for use with the same forms. Changeover is simple, done quickly by the forming crew on the site. The new rolled ribs set the forms to the new radius, speeding the gang assembly and further increasing productivity.

Stacking Panels

Panels can be stacked by bolting the top and bottom ribs of the adjacent forms with the $\frac{3}{4}$ " Speed Bolts and Nuts.

Void Panels

Rebar, pipe and other penetrations can be handled effectively with the interchangeable plywood-faced Void Panels.

Pour Door Panel

Concrete placement in large gangs can be controlled and consolidated by using the standard Pour Door Panel.

Walkway Brackets

Steel Walkway Brackets may also be bolted to the vertical stiffeners to provide workers safe access to the top of the forms.

Pipe Form Aligners

To provide vertical alignment, Pipe Form Aligners bolt directly to vertical stiffeners. Pipe Form Aligners have integral turnbuckles and telescoping extensions for lengths from 11'-1" to 20'-1".

Symons Soldier Beams

Available in 1'-6", 2', 3', 4', 8' and 12' lengths, Symons Soldier Beams can be used for alignment and bracing of Flex-Form gangs.

5" Steel Walers

Available in 4', 6', 8', 10', 12' and 16' lengths for vertical alignment and stability on extra high gangs.

50K She-Bolts or Taper Ties

High capacity ties provide maximum tie spacing to reduce setting and stripping time.

No Purchase Commitment

Every component in the Flex-Form forming system is rentable, including the fixed-radius ribs, ties and panels.





BY DAYTON SUPERIOR

2400 Arthur Avenue
Elk Grove Village, IL 60007 USA
847-298-3200 • FAX 847-635-9287
www.symons.com • info@symons.com

800-800-SYMONS

Adjustable Column Form — Form square or rectangular columns efficiently with a minimum number of steel panels.

Alisply™ — Clamp-type, metric-dimension system is quickly assembled and reconfigured for fast-paced gangforming.

Aluminum Beams and Joists — Lightweight beams/ joists from 4' to 30' (122cm to 914cm) for deck or gangform applications.

Box Culvert Traveler — Rolling steel framework is compatible with Steel-Ply, Versiform and Max-A-Form systems.

Chemicals — Liquid, cement, epoxy and other specialty products for concrete construction and repair.

DeckFast™ — A quick two-component system of modular panels and shores for creating flat concrete decks.

Flex-Form® — Specially designed steel-faced system for forming curved walls and round tanks with no surface “chording”.

Form Liner — More than 100 standard patterns, in four different materials, create unique concrete textures.

FrameFast™ — Provides 24,000 lb. (106kN) load capacity per shore frame with spacings from 3' to 15' (91.4cm to 457.2cm).

Garage Beam — A complete system to form an economical, poured-in-place concrete parking garage.

Max-A-Form® — A durable, all-steel forming system that is ideal for pier caps and self-spanning applications.

Rasto™ — The advantages of a clamp-type gangform, with the handset flexibility for details.

Resi-Ply™ — A low cost, 1½" (2.9cm) plywood forming system for residential construction, in 4-bar, 5-bar and 6-bar spacing.

Roller Deck — Column-mounted deck support system replaces conventional shoring, providing access for other trades.

Room Tunnel — One room per day, per form provides maximum forming productivity for repetitive room designs like hotels.

ShorFast™ — High capacity aluminum leg and jack shoring system can support up to 30 kips (133kN) per leg.

Steel-Ply® — The most recognized modular system, with more than 80 panel and filler sizes, for handsetting or gangforming.

Street Smart™ — Reusable steel forms for residential curb and gutters, industrial slabs and highway paving applications.

Symons Silver™ — A lightweight aluminum system that makes residential forming operations efficient and productive.

Symons Soldier™ — The “next generation” construction beam that can be used as a brace, strongback, waler or shore.

Truss — Crane handling of large aluminum tables increases deck forming productivity for repetitive bays.

Versiform® — Steel frame/plywood face gangforming system that provides a smooth concrete finish.

Printed in U.S.A.
© 2007, Symons
Product Code 99676

