



## SureCurve™ RC Forming System





*The SureCurve panels can be assembled into a gang, including all the connecting hardware and accessories, while safely on the ground.*



*Connecting clamps and stacking plate span the joint between two SureCurve panels.*

## ***Concrete tanks and curved walls quickly take shape with the SureCurve™ RC forming system***

Each SureCurve panel has a series of turnbuckles that flex the form to a desired radius. Panels can then be joined and stacked to create large gangs.

The large SureCurve gangs are assembled with a lever-actuated connecting clamp. This reduces assembly time and simplifies any reconfiguration.

The connecting clamp, in combination with three different SureCurve panel sizes, can be used to form a radius dimension as small as 10'.

Properly spaced taper ties are typically used to maximize the 1,250 psf allowable pressure rating of the SureCurve forming system.

A waler assembly is pinned to the horizontal tube struts. This assembly distributes the taper tie load to the panel components.

The same waler assembly has holes along the channel. These holes provide tie-off points for fall protection and a place to store taper ties.

Safe working access for concrete placement is provided when walkway brackets are properly spaced, bolted and decked with each gang.

Small dimensions between SureCurve panels or gangs are completed with a lumber filler and adjustable connecting clamp.

Assembled SureCurve gangs are moved by crane, then braced in position. A brace shoe attachment plate provides for connection.





*Bracing can travel with each SureCurve gang using the shoe attachment plate.*



*Walkway brackets bolt to panels to provide support for work platforms.*



*Adjoining gangs and lumber fillers can be captured with adjustable clamps.*



*A site-assembled SureCurve gang, including "open" panels for sacrificial plywood with rebar penetrations, is moved into position.*

Part No	Description
SBSCRCE88	SureCurve Exterior Panel 8'hx8'w
SBSCRCE48	SureCurve Exterior Panel 4'hx8'w
SBSCRCE28	SureCurve Exterior Panel 2'hx8'w
SBSCRCI88	SureCurve Interior Panel 8'hx 7'-8"w
SBSCRCI48	SureCurve Interior Panel 4'hx7'-8"w
SBSCRCI28	SureCurve Interior Panel 2'hx7'-8"w
SBSCRCW	SureCurve Waler Assembly
SBSCRC25	SureCurve Waler Pin and Clip
SBSCRC23	SureCurve Stacking Plate

**Bar Support** – Wire slab bolsters and high chairs, with optional epoxy-coat, plastic-dip, plastic-tip or plate, to meet almost any slab requirement.

**Bridge Deck** – Overhang brackets and hangers provide an efficient deck forming solution for precast concrete or steel I-beam bridge structures.

**Coil Ties** – 2-Strut and 4-Strut designs, in standard and heavy-duty capacities, with optional cones, waterseals or custom combination, for job-built forming.

**Dowels** – Plates, sleeves, baskets and joint nosings for high-performance concrete floors.

**Euro Rod** – 15mm and 20mm taper ties, she-bolts, inner ties, washers and wing nuts compatible with European-brand forming systems.

**Metal Rib** – Leave-in-place, expanded galvanized mesh to form footings, bulkheads, grade beams, pier caps and blindside walls.

**Pipe Braces** – Contractor-preferred braces, with rated capacities and lengths ranging from 7'6" to 62'6", for almost any forming application.

**Precast** – Inserts, anchors, connectors and lifting systems for efficient precast concrete production.

**Self-Riser** – Integrated hydraulic system for multi-story building cores that virtually eliminates crane time.

**Shoring** – A conventional 12K load/leg system, with base plates, cross braces, screw jacks and U-heads, for productive deck support.

**Snap Ties** – Ties and brackets, with ¾" plywood and 2x4 lumber, create a simple and effective plywood forming system.

**Staybox** – A pre-engineered and pre-assembled rebar keyway that simplifies forming at wall and deck intersections.

**Stud Rail** – A reinforced column-to-deck connection that reduces shearing, transfers load further into the slab and eliminates column capitals.

**SureCurve™ RC** – Concrete tanks and curved walls quickly take shape with this flexible gangform system.

**SurePly™** – An industry-recognized handset system, with more than 80 standard panel and filler sizes, for almost any forming application.

**Tilt-Up** – A start-to-finish system of lifting inserts, plates and hardware for tilt-up panel construction.

**Walers** – Double channel walers align panels, carry taper tie loads and maximize the surface area of almost any gang.