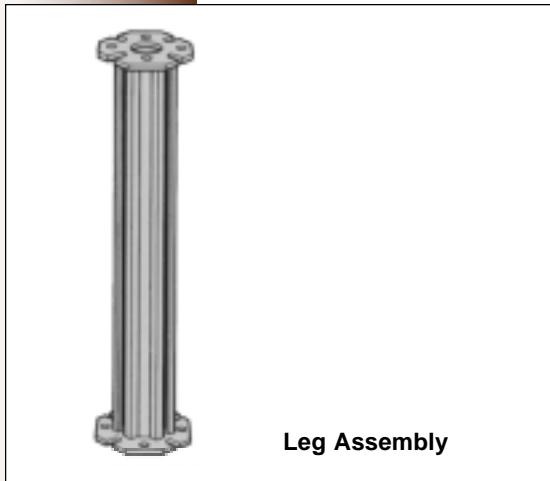


ShorFast™

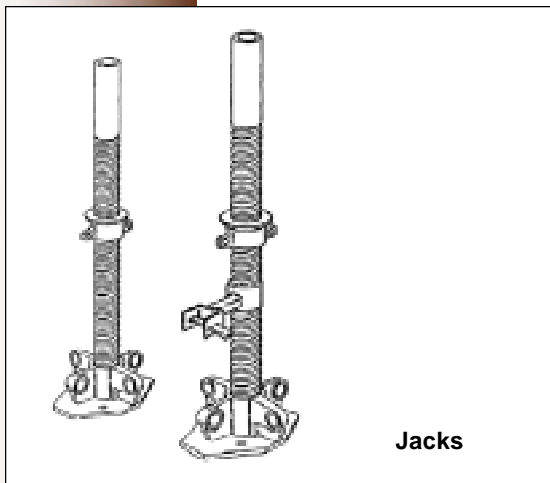
Components



ShorFast™ Leg Assembly

The ShorFast legs are manufactured entirely from aluminum. The body is extruded with four large keyways to accept ShorFast Frames and provides a positive rigid connection. The top and bottom plates are aluminum castings with four bolt holes to enable legs to be bolted together and a center hole to accept the ShorFast Jack.

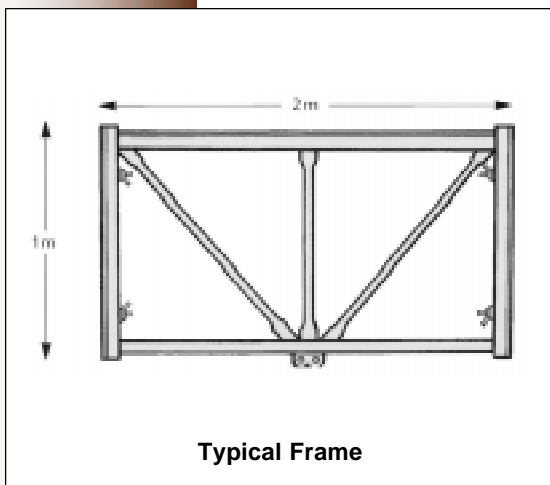
Size		Weight	
m	ft-in	kg	lbs
0.5	1'-8"	4	8.8
1.5	4'-11"	10	22.0
2.0	6'-7"	13	28.6
2.5	8'-2"	17	35.2



Jacks

The ShorFast Jacks are manufactured entirely from aluminum. The collar has a self cleaning thread to enable adjustment to be made easily. The base casting has location holes to accept Trigger Braces to be fitted to the ShorFast Frames where required.

Size		Weight		Range
m	in	kg	lbs	in
1.1	43"	8.0	17.6	5"-32"
1.6	63"	11.7	23.3	7"-52"



Frames

The ShorFast Frames are manufactured entirely from aluminum. The side members are extruded with a location key that fits neatly into the ShorFast Leg to give a positive and rigid connection. They are secured to the leg using four "T" nuts and hand tightened via a large cast collar. The top member is an Omega (Ω) shaped extrusion to enable suitable boards to set on top for access and edge beams.

Size		Weight	
m	ft-in	kg	lbs
1.0	3'-3"	9.0	19.8
2.0	6'-7"	13.0	28.6
3.0	9'-10"	15.5	34.1

Deck Platform

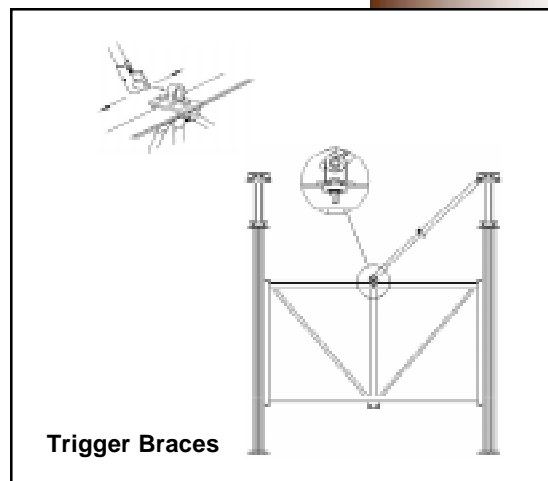
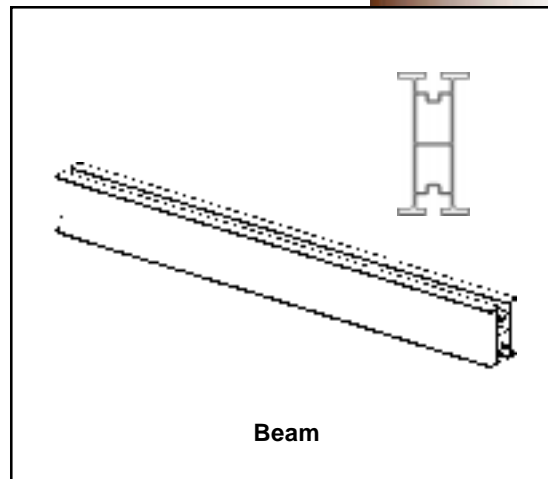
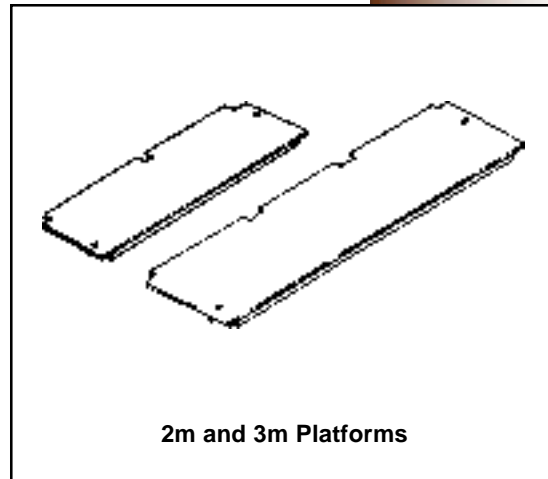
Deck Platforms provide a secure working platform. They are available in 2m and 3m lengths. Each platform has spring-loaded hooks to secure them to the ShorFast Frames. Fixing Brackets secure 1.90 O.D. pipe to the ShorFast legs to provide guardrail protection.

ShorFast Beam

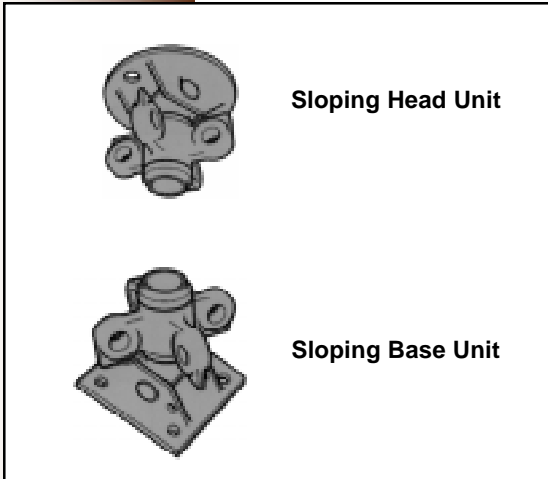
The ShorFast Beam is a 22.5cm (8⁷/₈") deep extruded aluminum stringer. The beam weighs 6.4kg/m (4.27lbs/ft). Beams are secured to the legs of jacks with a light beam clip that connects in the groove of the beam. The light weight and high capacity of the beam further enhances the productivity of this system.

Trigger Braces

Trigger Braces decrease the effective lengths of the legs and therefore increase their safe load carrying capacity. The trigger locking mechanism allows them to be attached or removed quickly, without the need for loose bolts and nuts.



Components and Capacities

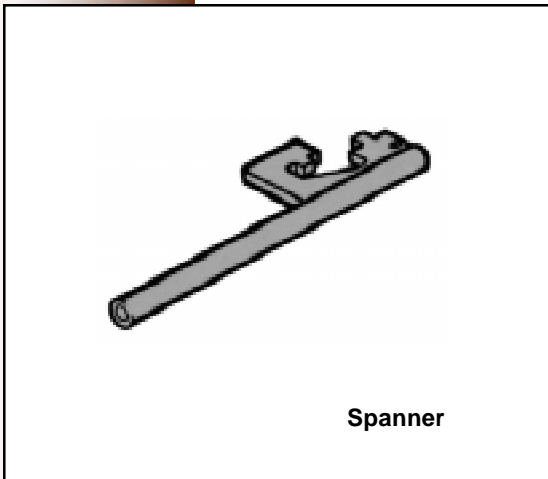


Sloping Adapter Units

Two sloping units are available for the ShorFast system; the Sloping Head Unit and the Sloping Base Unit. Each of these units can accommodate a sloped surface up to 30° from horizontal without the need for wood wedges.

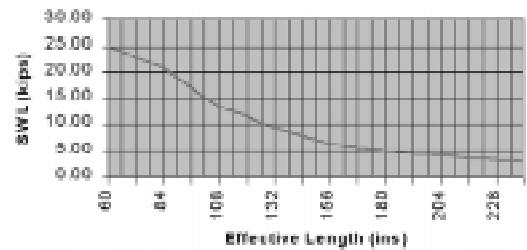
Spanner

The ShorFast Spanner facilitates easy release of the Screw Jacks. The spanner can be used as it is up to 97kN (22kips). From 97kN (22kips) to 133kN (30kips), a 90cm (3ft) length of pipe can be slipped over the spanner handle.

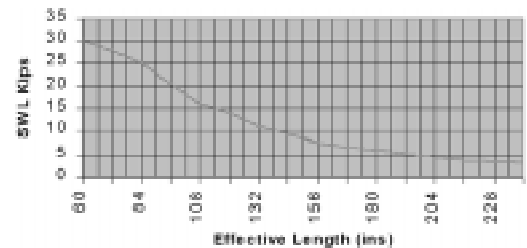


Capacity

When used as a stand-alone post shore, ShorFast legs have a maximum capacity of 111kN (25kips) at a 3:1 safety factor.



When used in tower configurations with ShorFast Frames and Trigger Braces, a 133kN (30kip) capacity at a 2.5:1 safety factor can be achieved.



ShorFast Tables

ShorFast Rolling Tables

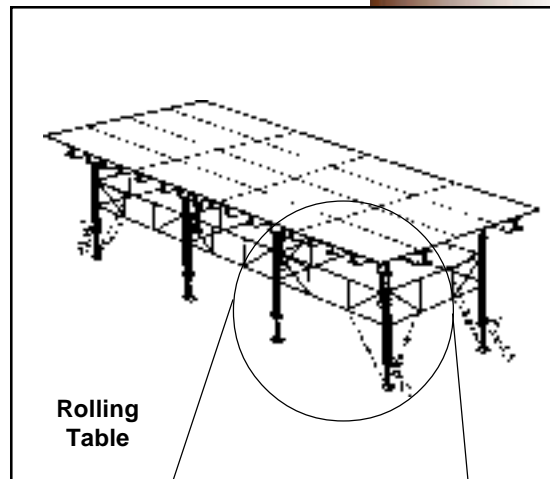
ShorFast tables can easily be flown or rolled from pour to pour. High capacity aluminum legs and jacks provide efficient support spacings. Wheel assemblies may remain in place or move easily from table to table.

Wheel Assemblies

The Wheel Assemblies are available in two sizes to match the 1.1m or 1.6m jacks. The top of each assembly is connected to the ShorFast leg with the attached T-nut collar assembly. The bottom is quickly connected to the jack with a pin and clip.

Jack Retainer

The Jack Retainer keeps the jack from slipping out of the leg. It is quickly and easily attached or removed by pulling the spring-loaded locking pin.



Rolling Table

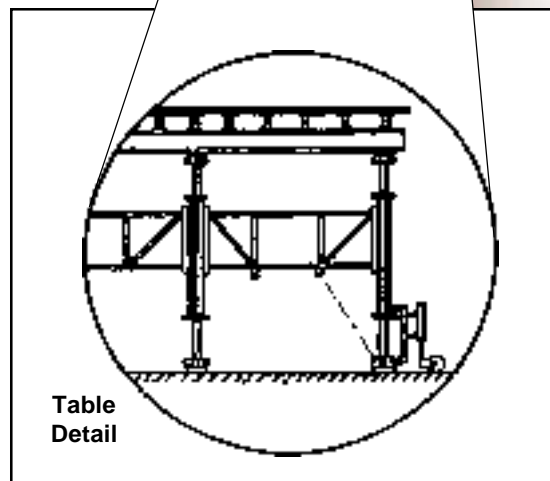
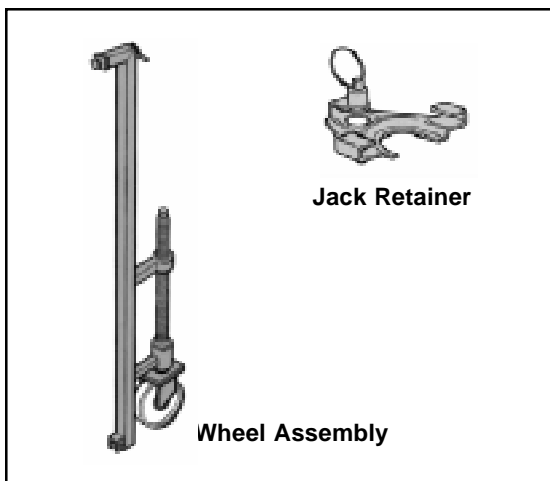


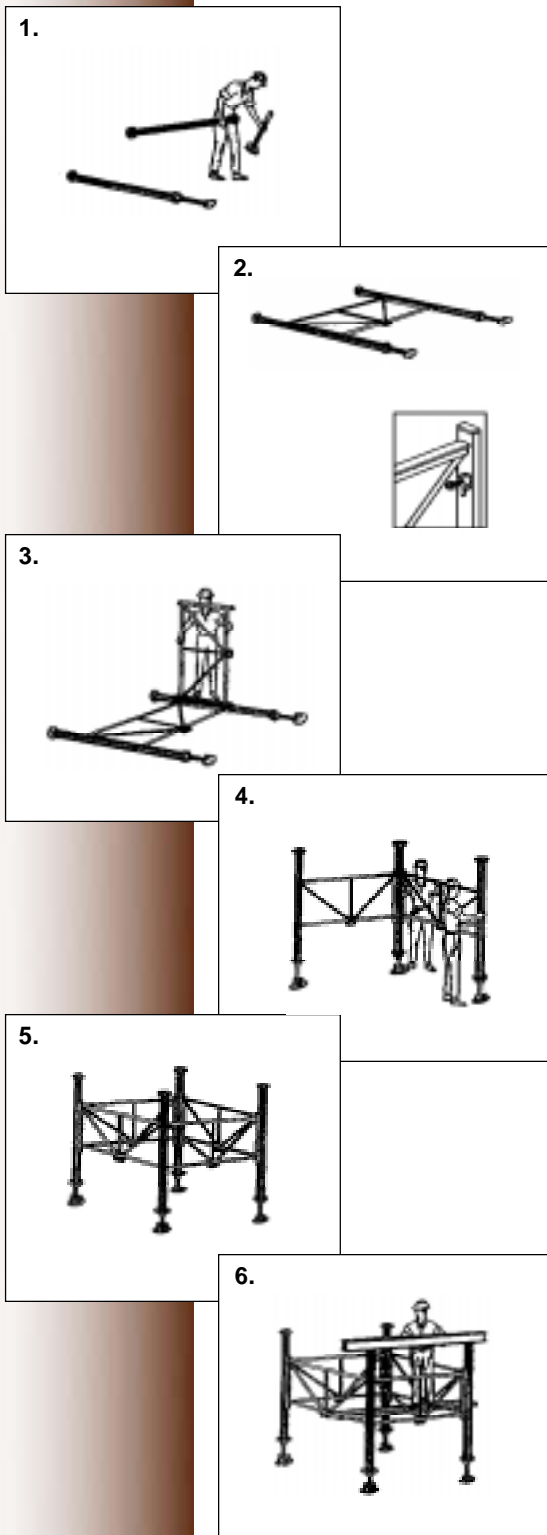
Table Detail



Jack Retainer

Wheel Assembly

Erection Procedure



ShorFast Erection Guide

1. Two operators place pre-adjusted ShorFast Jacks into two ShorFast Legs lying on the ground.
2. A ShorFast Frame is then attached to the ShorFast Legs while they are still on the ground.

Note the secure fixing of the ShorFast Frames to the ShorFast Legs is confirmed by the horizontal orientation of the split ring on the end of each Fixing Bolt.

3. A second ShorFast Frame is then attached to one of the ShorFast Legs, at right angles to the first frame, checking the fixings as noted above.
4. The assembly is then stood up and held by one of the operators.

A third ShorFast Leg and Jack are then connected to the free end of the second ShorFast Frame.

5. The fourth ShorFast Jack and Leg and the remaining two ShorFast Frames are then assembled to complete a ShorFast Tower.

Further ShorFast Frames and Legs are then added until the required make-up has been achieved.

6. At this point, access must be provided for erecting the remainder of the support system. There are various options available for providing a working platform with the ShorFast system and materials for the most suitable can be supplied on request.

ShorFast stringers are then placed on top of ShorFast Legs, Jacks or Frames, and must be immediately fixed in place using ShorFast light beam Clips.

The Exchange Program

Buy any standard Symons forming system for wall, deck or column construction and exchange the system, dollar-for-dollar, with any other standard Symons equipment.

Take delivery from the nearest Symons location, any time during the next five years and always have the most productive Symons forming equipment, no matter what the project!

The flexibility of rental equipment...

you choose the best forming system for each job without storing and managing costly inventory.

The advantage of system ownership...

you have access to your exchange program inventory when and where you need it most.

The convenience of a single contact...

you coordinate all of your inventory and exchange program services with one Symons representative.

The inventory tracking summary...

you get a detailed statement of all your exchange program inventory by project location each month.

The control of maintenance costs...

you limit handling and cleaning charges to just 5% of your exchange program shipments.

The chance to earn credit on idle forms...

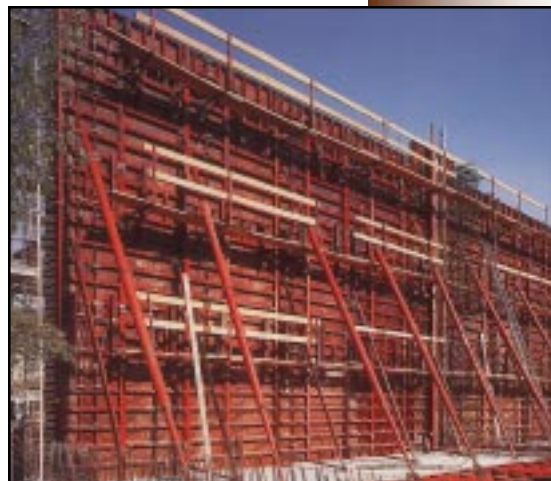
you receive rental credit for idle exchange program inventory maintained and stored in our yard.

The option to add even more equipment...

you receive two years of price protection for other purchases added to a current exchange program contract.

The security of a national agreement...

you decide to return the equipment at favorable rates or renew the contract at the end of the five year term.



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

Alispoly™ — 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 and epoxy products for concrete construction and repair.

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

Form Liner — More than 30 standard patterns, in four different materials, create unique concrete textures.

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

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

Logo™ — The quick-clamping metric system for gangforming. (Logo is a trademark of PASCHAL-Werk G. Maier GmbH.)

Max-A-Form® — A durable, all-steel forming system that requires no walers. Ideal for pier caps and self-spanning applications.

Resi-Ply™ — A low cost, 1 1/8" (2.9cm) plywood forming system for residential construction. Available in 4-bar, 5-bar and 6-bar.

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

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

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

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

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 very efficient and productive.

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



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