SYMONS SOLDIER
CONSTRUCTION BEAMS
CONCRETE
CONSTRUCTION SOLUTIONS

BROCHURE
The Symons Soldier system is a lightweight, yet extremely strong, construction beam system with virtually unlimited application possibilities.

Symons developed a unique hole pattern which makes the Symons Soldier adaptable to almost any forming or shoring configuration with standard components and accessories.

**Versatility**
The unique hole pattern and a complete line of accessories give the Soldier the versatility you expect from Symons. The Soldier system complements the advantages of standard Symons forming systems. No other form supplier can offer such a wide range of product combinations to handle a diversity of applications.

**Simplicity**
The ability to bolt to all the flanges adds to the efficiency of Soldier. When bolted end-to-end as a continuous beam, the connection develops the full strength of the Soldier.

**Rentable**
Symons Soldier beams and accessories are a rentable system, providing cost savings compared to high-priced lumber components. With Symons Soldiers, unusual requirements can be satisfied with standard components.

**Durability**
Symons Soldiers are fabricated with high-strength steel to provide high load capacity and long service life. They have a robust strength to weight ratio, resulting in reduced crane capacity requirements.

**Practicality**
Your next forming or construction dilemma could be solved efficiently with Symons Soldier. Use them as braces, walers, strongbacks, shoring, aligners, trusses or whatever the situation demands.

### Symons Soldier Properties

<table>
<thead>
<tr>
<th>Part</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>38900</td>
<td>1'-6&quot; 457.2 mm</td>
<td>45 lbs. 20.41 kg</td>
</tr>
<tr>
<td>38903</td>
<td>2'-0&quot; 609.6 mm</td>
<td>52 lbs. 23.59 kg</td>
</tr>
<tr>
<td>38917</td>
<td>3'-0&quot; 914.4 mm</td>
<td>67 lbs. 30.39 kg</td>
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<tr>
<td>38901</td>
<td>4'-0&quot; 1219.2 mm</td>
<td>83 lbs. 37.65 kg</td>
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<tr>
<td>38902</td>
<td>8'-0&quot; 2438.4 mm</td>
<td>148 lbs. 67.13 kg</td>
</tr>
<tr>
<td>38904</td>
<td>12'-0&quot; 3657.6 mm</td>
<td>212 lbs. 96.16 kg</td>
</tr>
</tbody>
</table>
Bracing
Symons Soldiers are ideally suited for diagonal bracing and plumbing. The ability to bolt end-to-end can create bracing lengths to fit your specific project requirement.

One-Sided Forming
Symons Soldier and Symons standard forming systems are used to create tieless one-sided wall forming schemes, providing substantial savings in time and labor costs.

Shoring
Symons Soldier and standard accessories can be combined to make towers that fit the most demanding shoring and deck support applications.

Alignment
Symons Soldier and accessories are designed for use with other Symons forming systems. Symons Soldier and Symons total product capability offers unlimited possibilities for any aligning and support application.

Walers
Symons Soldier beams are ideally suited for any waler application. When bolted to any Symons steel form system, the Symons Soldier has the capacity to handle the tallest gangs.
One-Sided Bracket
Used in conjunction with the Wedge and Shear Plates in one-sided wall forming applications, the One-Sided Bracket connects the Soldier beams together at the base of the forms and provides the anchor position.

Shore Jack
The jack provides 8" of adjustment in Symons Soldier reshore applications.

45° Bracket
The fixed 45° bracket can be used for diagonal bracing and truss configurations.

Adapter/Spacer
Bolt the 10" swivel wheel for traveling applications or use as a 3" spacer.

Riser Bracket
Swivel ability coupled with vertical adjustment meets most stair and seating riser conditions.

Tie Washer Plate
Plate provides bearing surface for ties and nuts in forming applications.

Attachment Angles
Bolt Soldier beams to Max-A-Form® or Versiform® gangs.

Pivot Bracket
When bolted to the end of the Soldier Beam, the Pivot Bracket provides the connection between the Soldier beam brace and forming system.

Strut Jack with Jack Base
The free-turning nut allows up to 16" adjustment, and the Jack Base pivots.

Jack Bracket
Bracket is used in one-sided applications for aligning and leveling the support frame and form gang.

Lap Splice Plate
Splice from beam-to-beam in truss applications.
Typical Applications

Contact Customer Service for additional details or assistance.