



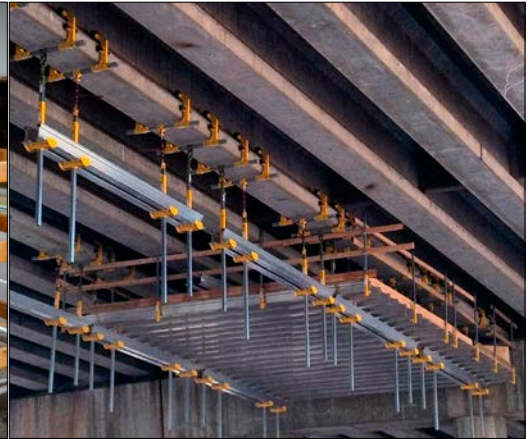
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Suspended Scaffold Specialists

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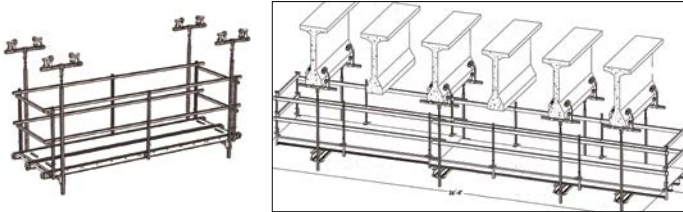
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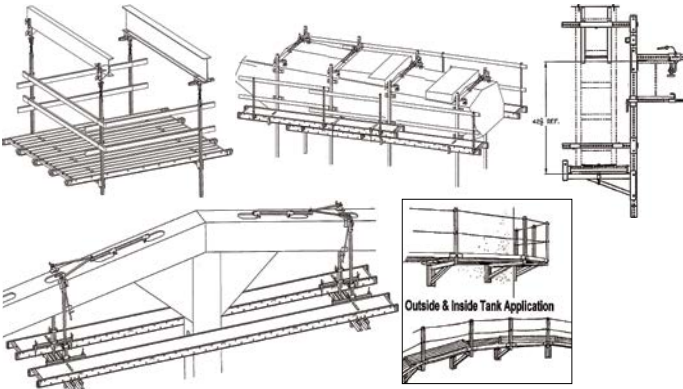
*Put your crew right where the work is... quicker, safer, more economically.*



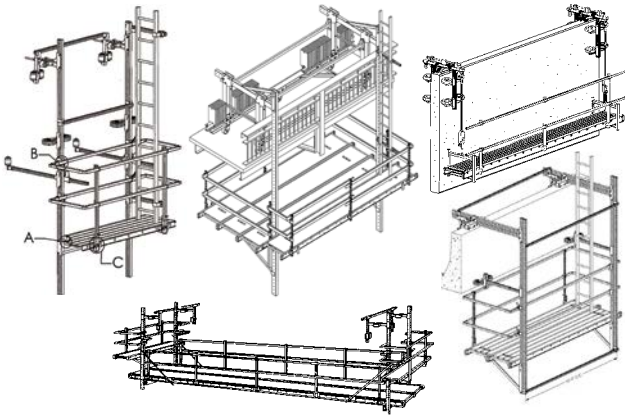
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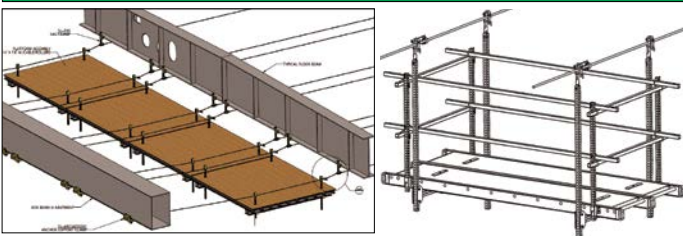
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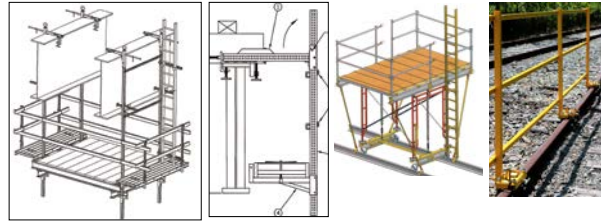
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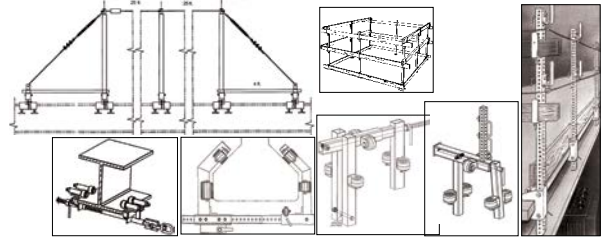
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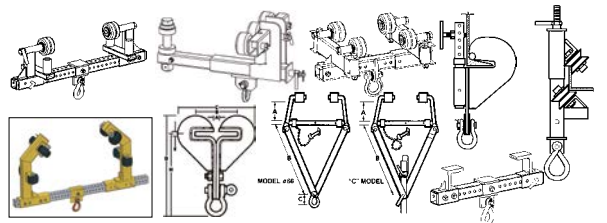
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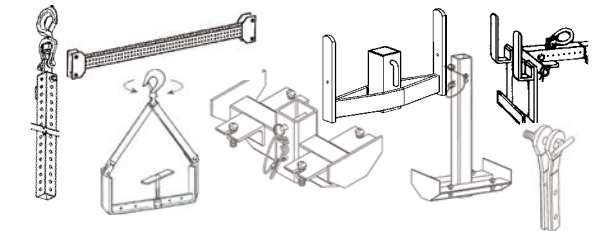
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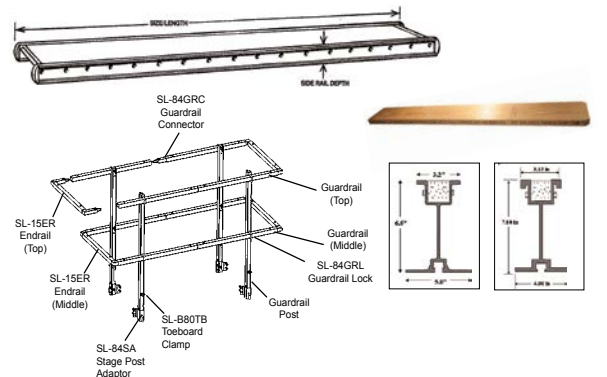
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Code of Safe Practices

Terms of Sale

Daily Inspection Checklists

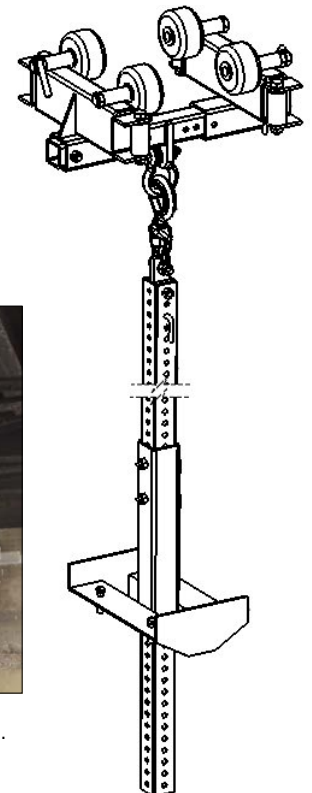
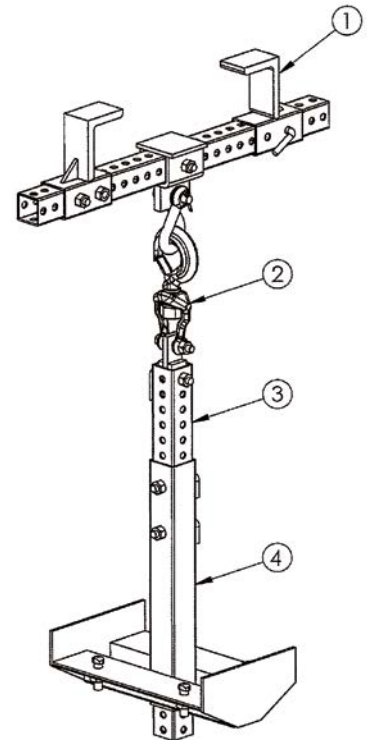
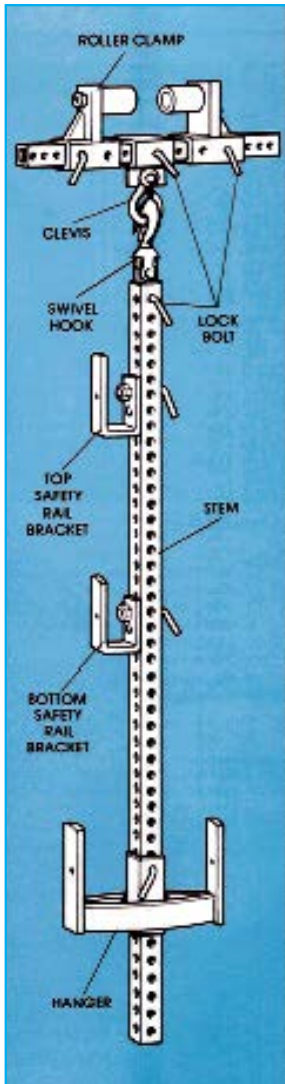


# A SIMPLE CONCEPT

Starting from the top is quicker and more economical than working up from the bottom. And, with Swing-Lo patented modular designs, scaffolding is easy to suspend and totally versatile. Suspension is as easy as:

- 1 START THE TOP** *Pgs 50-52*  
 Swing-Lo Girder Clamps clamp over the lower flanges of I-Beams. Many designs are available depending on your preference and use.
- 2 THEN ADD HANGER ASSEMBLY** *Pgs 53-55*  
 A working deck of almost any size can easily be suspended at any height by adding to Girder Clamps the Safety connectors, Stems, and Hangers. One complete assembly = 2000 lbs distributed safe working load with a safety factor of 4.
- 3 INSERT THE NEEDLE/ALUMINUM BEAMS**  
 4" X 6" needle beams or aluminum beams support the decking. When aluminum stages are used, insert the steel support Truss & Board Locks *Pg 54*.
- 4 ADD THE SAFETY RAILS AND TOEBOARDS** *Pg 58*  
 Safety Rail Brackets and Toeboards are easily added to any type of hanger and decking so that all personnel on the deck and those below are adequately protected.

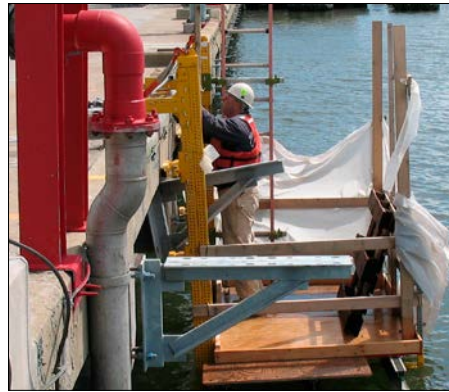
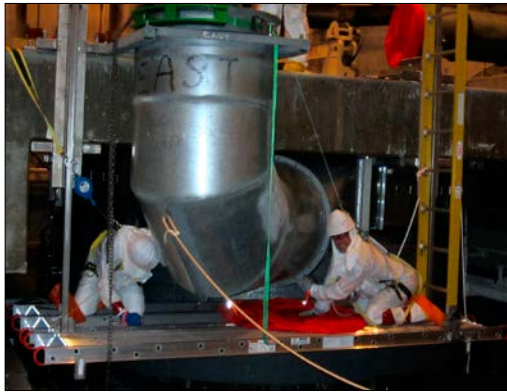
We have researched solutions to almost any application. Our sales representative will help you select the proper equipment to fit your requirements. Swing-Lo Suspended Scaffolding is available from dealers all over the United States and Canada.



- SIMPLE:** Practical, and uncomplicated engineered suspended scaffold system designed with the end-user in mind.
- SAFE:** Our scaffolding systems meet and exceed States and Federal regulations.
- STRONG:** Engineered to meet the load requirements of the customer, we have researched and developed a comprehensive line of suspended scaffolding through many years of field testing.



## stationary suspended scaffold - pages 20-21



### put your crew in a tight spot

Tight spots are no problem for Swing-Lo suspended scaffolding. More than a dozen clamp designs let you connect to channels, bar joists, girders, angles - even vertical columns - with equal ease, so you can get your skilled trades into those hard-to-reach places. And with multi-level platforms, several crews can work in the same area at one time.

Hundreds of modular configurations give you overhead access to areas from 4' x 8' to an entire football stadium. Rigid platforms provide solid footing, less fatigue and greater worker safety. And that means more productivity per man hour.

- Put your crew to work on both sides and under the bridge simultaneously.
- Swing-Lo suspended systems permit inspections and repairs that don't block activity above or below the bridge.
- Give your crew complete access to every inch of every bridge safely and economically.
- No tools needed to erect the systems. In fact, most systems can be assembled and erected in minutes.
- Systems can be installed permanently for periodic inspections and maintenance or disassembled and easily installed at another site.



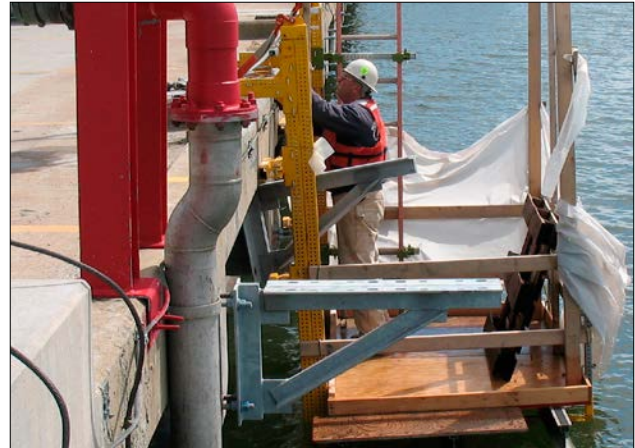
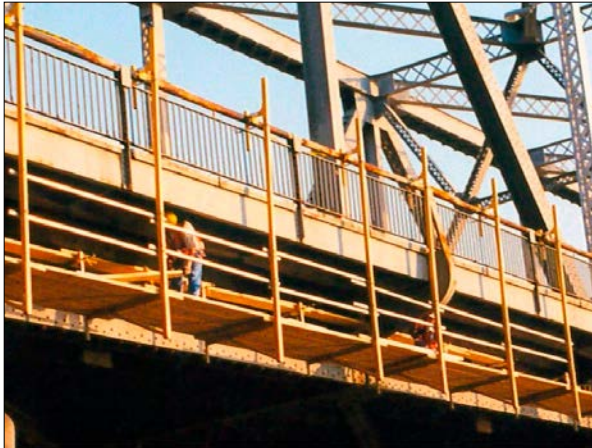
stationary suspended scaffold - pages 20-21



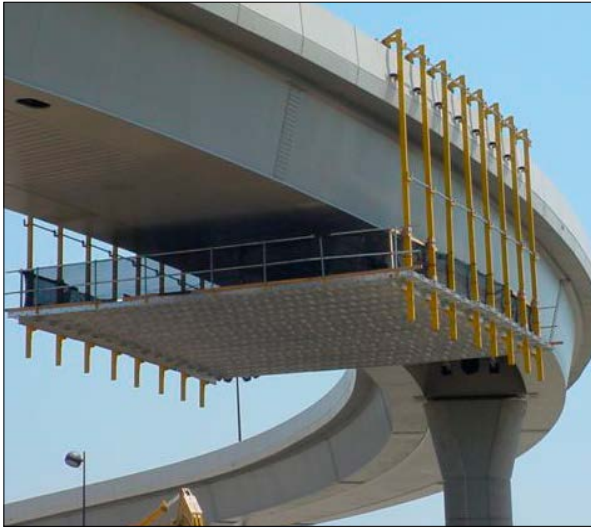
rolling suspended scaffold (steel girder)- pages 11-13



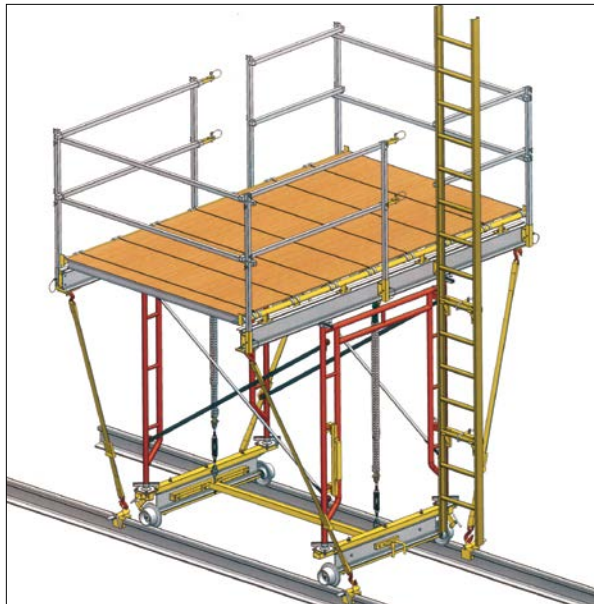
parapet scaffold - pages 28-35



parapet scaffold - pages 28-35

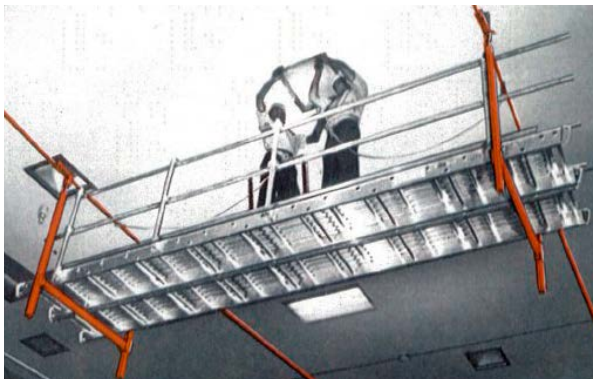


railroad scaffold - pages 42-47

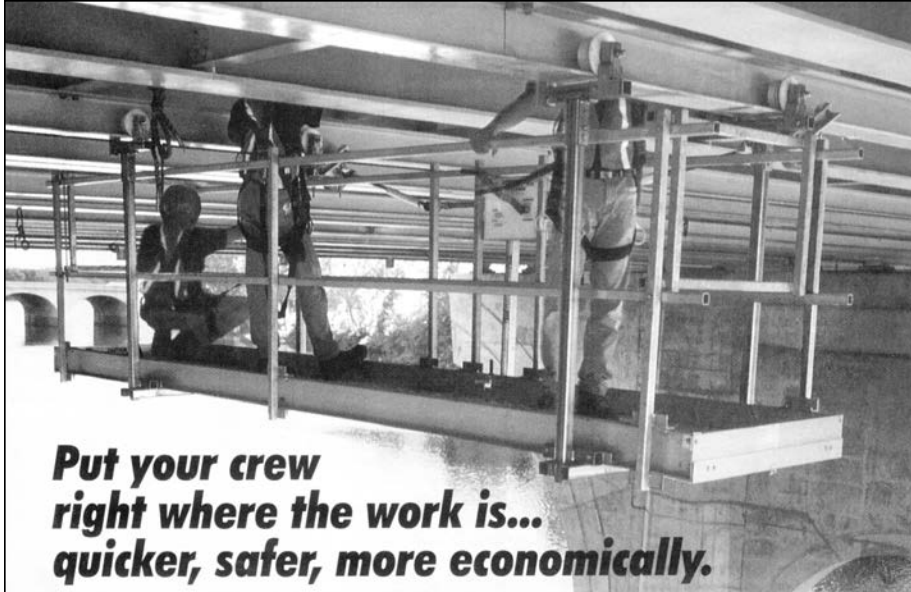




**cable scaffold - pages 36-41**



## Permanent Suspended Scaffold



***Put your crew  
right where the work is...  
quicker, safer, more economically.***

When a permanent solution is needed for new or existing bridge inspection or repair, Swing-Lo Suspended Scaffold can supply a flexible, versatile, and economical stainless and aluminum suspended scaffold. The platform is designed and engineered for the specific application. We consider every aspect of safety for the end-user, including access to the platform, ease of movement of the scaffold, and durability. We can supply a one-person, manually operated, gear driven or battery driven, motorized suspended scaffold.



Planning for the future by providing a built-in suspended scaffold in new and existing bridges will save time and money for any municipality. It just makes sense. Contact us, and we will provide a no-cost evaluation of your requirements, and then propose a solution that will meet your bridge inspection and maintenance suspended scaffold budget.



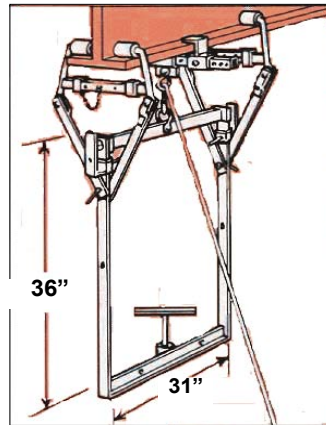
**scissor girder clamp & hanger**



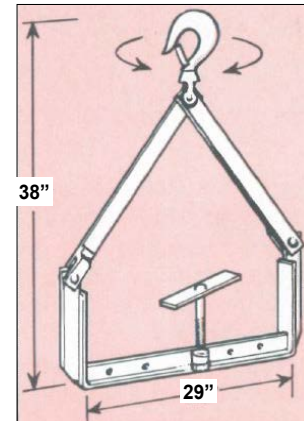
**CHD-140** Painters Special is designed for painters of highway bridges and overpasses. Easy erection and dismantling makes this unique scaffold system the scaffold of choice for the bridge painter.

**HD-801** assembly gives the option of creating a grid scaffold system where an overlapping series of catwalk scaffolds are connected in all directions. The quick-attach swivel hook allows rotation and alignment to the proper working elevation.

**CHD-101** Winch Frame Hanger Assembly offers flexibility in vertical and horizontal travel. This scaffold configuration allows for two separate platform widths: The primary winch lift scaffold (14" - 29") and the secondary scaffold (84" - 168"). Specify the length of the scaffold to finish the specifications.



CHD-140 Painter Special



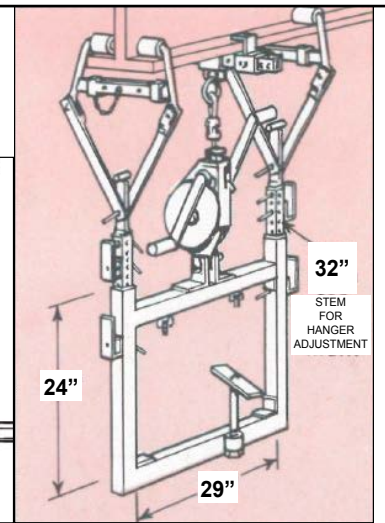
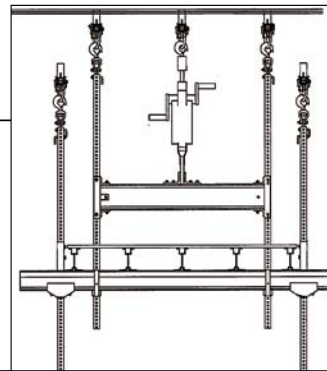
HD-801 Hanger

**winch frame hanger scaffold**

**CHD-101** Winch Frame Hanger System may be used at the piers with or without rolling on the beams. This system has a built in winch so that assembled scaffold can be raised to the desired working height. It is also ideal for working on the pier columns.

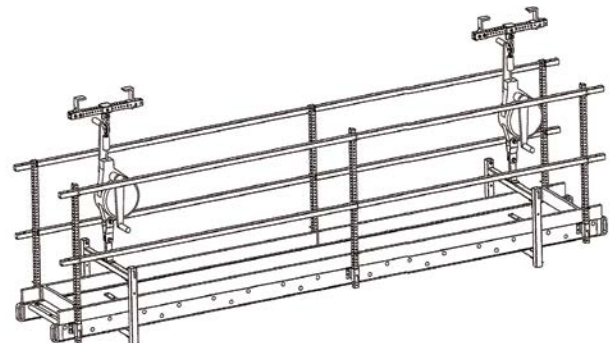
**Package includes:**

- 2 each **CHD-101** Hangers (29" Base, 36" high)
- 4 each **SL-71A32** 32" Vertical Stem
- 2 each **W-20** Drum Winch with 5/16 X 100' wire rope
- 2 each **SL-54C** 1000 lb SWL Beam Clamps
- 8 each **SL-35D** Safety Rail Bracket (Bolt-Type)
- 4 each **SL-65A** Scissor Insert Connector
- 4 each **Scissor** Girder Clamps (choose model from below)



Scissor Clamp	Exp (in)	Wght (lbs)	SWL (lbs)
CBHD	6 - 10	13	1000
CMHD	9 - 16	14	1000
CKHD	10 - 18	15	1000
CSHD	14 - 24	21	1000

Hanger (2 each)	Size (bXh) (in)	Wght (lbs)	SWL (lbs)
CHD-140	31 X 36	30	1000
HD-801	29 X 38	16	1000
CHD-101	29 X 36-60	31	1000



**rolling girder clamp & truss**

Easy movement with no tools required for erection. The width of the scaffold is fixed with the truss system. See page 54 for various truss widths. See page 56 for aluminum stage. Adjust your working elevation along the Vertical Stem. See pages 50-52 for girder clamps.



truss & aluminum stage set-up



Rolling Girder Clamp Girder Clamp Exp (in) Working Load (SWL) lbs Package includes:	SL-54F 5" - 18" 1000	SL-54F2 6" - 18" 2000
4 ea Beam Clamps	SL-54F	SL-54F2
4 ea Safety Hooks	SL-65C	SL-65CHD
4 ea Stems	SL-71A72	SL-71AA72
2 ea 4 Ft. Horizontal Truss	SL-70B	SL-70B
4 ea Stage Board Locks	SL-70L	SL-70L
<b>Packaged weight (lbs):</b>	<b>218</b>	<b>262</b>
<b>Scaffold Size (ft):</b>	<b>4 X to 32</b>	<b>4 X to 32</b>
<b>Distributed SWL (lbs):</b>	<b>750</b>	<b>1000</b>

**rolling girder clamp & hanger (aluminum beam)**



hanger, aluminum stringer & aluminum stage set-up

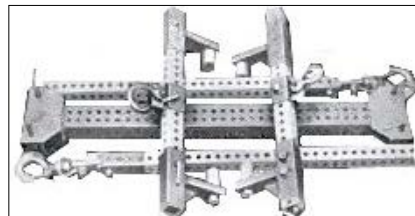
Below is the option to use aluminum beams as the scaffold support for aluminum stage. When greater capacity is needed, the aluminum stage is removed, and additional supporting aluminum beams are attached; then sheets of 3/4" plywood are used to finish the scaffold. The aluminum stringer offers adjustability in the width of the scaffold.

Girder Clamp Girder Clamp Expansion (in) Safe Working Load (SWL) lbs	SL-54F 5" - 18" 1000	SL-54F2 6" - 18" 2000
4 ea Beam Clamps	SL-54F	SL-54F2
4 ea Safety Hooks	SL-65C	SL-65CHD2
4 ea Vertical Perforated Stems	SL-71A72	SL-71C72
4 ea Hangers (for aluminum beams)	SLP-702TSA1	SLP-702TSB4
4 ea 6.5" X 114" Aluminum Beam	BM650X114	BM650X114
3 ea 5.5" X 252" Aluminum Beam	SL-550X252	SL-550X252
18 ea Aluminum Beam Locking Clips	SL-70ALL	SL-70ALL
3 ea 3/4" X 4' X 96" Plywood (Rough)*		
<b>Packaged Weight (lbs):</b>	<b>382</b>	<b>426</b>
<b>Packaged Scaffold Size (ft):</b>	<b>4 X 24</b>	<b>4 X 24</b>
<b>Distributed SWL (lbs):</b>	<b>750</b>	<b>1000</b>

**rolling girder clamp & hanger (4X6 wood)**



hanger, needle beam & scaffold plank set-up



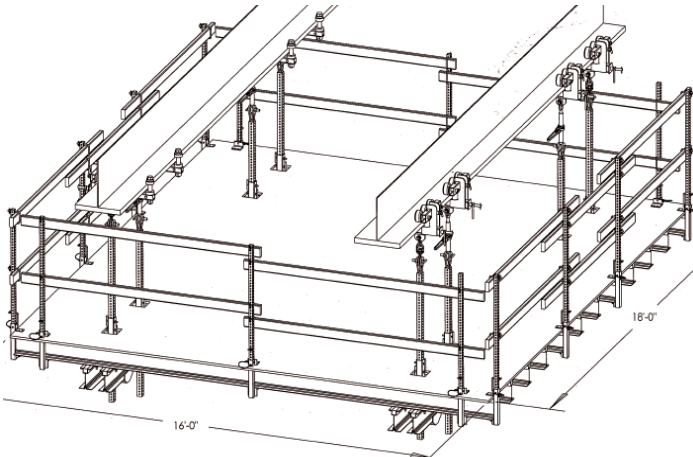
Budget limitations allow the contractor to proceed with the project with minimal suspended scaffolding. Consider the basic components without the "bells and whistles"; beam clamp without side rollers and brakes, and use southern pine wood (4" X 6") as the support base; all on an 8 ft. x 8 ft. deck configuration.

Rolling Girder Clamp Girder Clamp Expansion Safe Working Load (SWL) lbs	SL-54A 5" - 18" 1000
4 ea Beam Clamps	SL-54A
4 ea Safety Hooks	SL-65C
4 ea Vertical Perforated Stems	SL-71A72
4 ea Hangers (for 4" X 6" Wood)	SLP-702A
10 ea 2" X 10" X 10' Scaffold Plank	SL-210X10
16 ea Guardrail J-Lock (for 2x4)	SL-35D
<b>Packaged Weight (lbs):</b>	<b>246</b>
<b>Packaged Scaffold Size (ft):</b>	<b>8 X 8</b>
<b>Distributed SWL (lbs):</b>	<b>1000</b>

Wood guardrails not included



**rolling girder clamp & hanger (aluminum beam)**

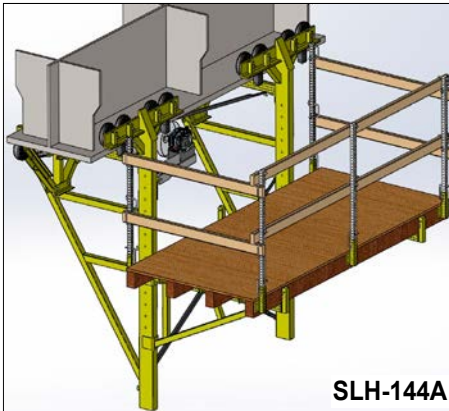


This platform setup provides movement along the bridge girders, even when stiffeners are present. The scaffolding is designed to be configured to accommodate various girder spacing, including deck size and load capacities.

Rolling Girder Clamp Girder Clamp Expansion Safe Working Load (SWL) lbs	SL-54XM6 12" - 18" 4000
Scaffold Packaged weight (lbs): 1354 Scaffold Size (ft): 16 X 18	SWL (LBS) 45/sq.ft

stiffner avoiding girder clamp, stem, hanger, aluminum stringer & plywood deck set-up

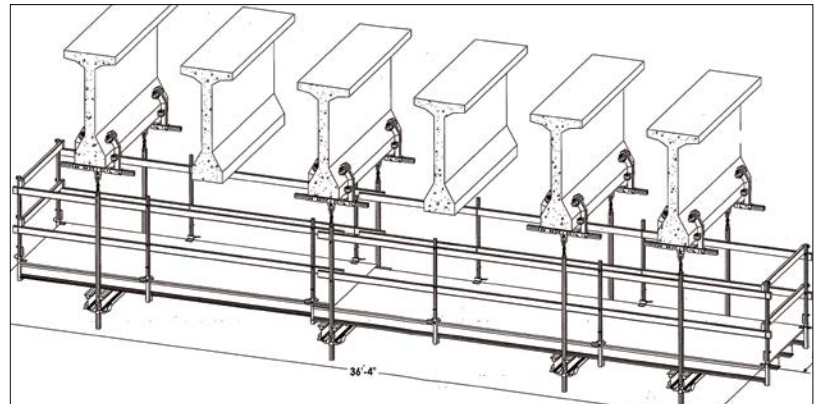
**girder edge scaffold**



The Girder Edge mobile scaffold is ideal for easy access to one side of a plate girder. The scaffold is moved along a girder with stiffeners, but with sufficient clearance to allow the scaffold to roll past the stiffeners. No special tools are required. Wood (4" X 6") or aluminum beams provide the base, covered with 3/4 inch (rough) plywood or Scaffold Plank decking. All wood, including 2" X 4" guardrails supplied by customer. An optional drive system is offered.

Rolling Girder Edge Scaffold Girder Expansion Safe Working Load (SWL) lbs	SLH-144A to 36" 800
Scaffold Packaged weight (lbs): 885 Scaffold Size (ft): 4.5 X 10	SWL (lbs): 800

**prestressed concrete girder scaffold**



hanger, aluminum stringer & plywood deck set-up

Rolling Prestressed Girder Clamp Girder Expansion (in) Safe Working Load (SWL) lbs	SL-74R45A 14 - 28 2000
Scaffold Packaged weight (lbs): 1670 Scaffold Size (ft): 5.5 X 36	SWL (lbs): 2000 distributed load

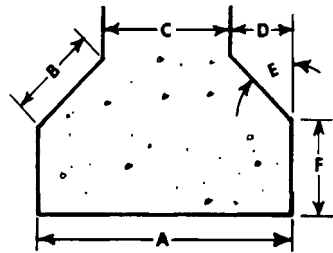
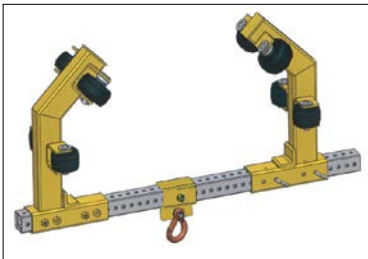


**concrete girder scaffold**

When a suspended scaffold (rolling or stationary) is needed on concrete girders, consider the Prestressed Concrete Girder Clamp System. Expand the deck in any direction by adding components. Just supply the dimensions or specify the girder type, and we will help with your requirements.



truss & aluminum stage set-up

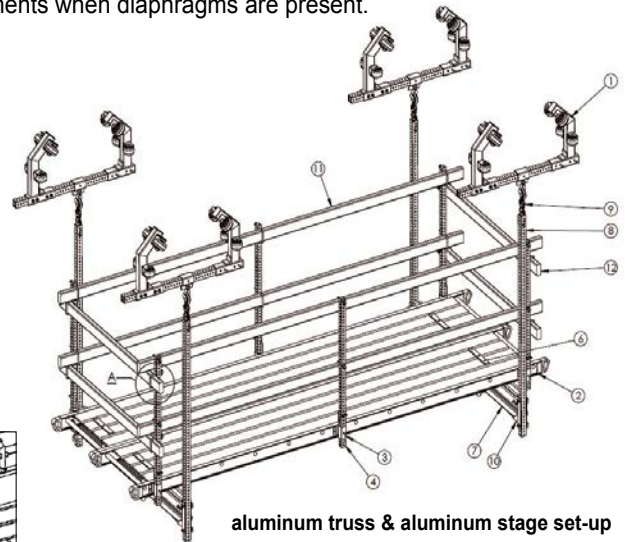
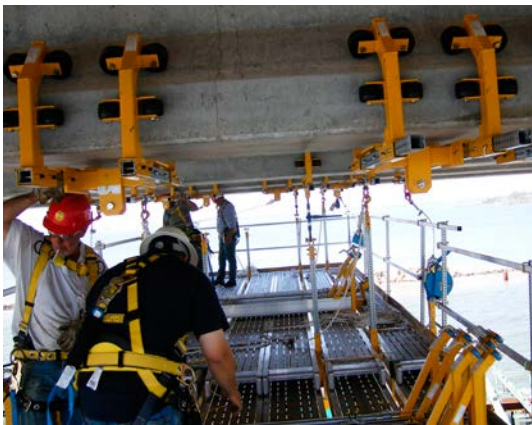


Dimensions	
A	
B	
C	
D	
E	
F	

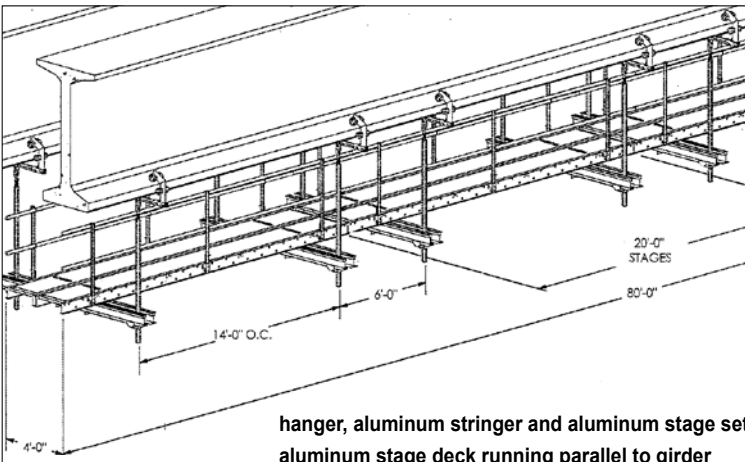
Rolling Concrete Girder Clamps					
MODEL	SWL (lbs)	EXPANSION (in)	WT (lbs)	E (deg)	F (in)
SL-74R45A	2000	14 - 28	72	45	9
SL-74R64A	2000	14 - 28	72	64	9
SL-74R45B	2000	26 - 32	74	45	9
SL-74R64B	2000	26 - 32	74	64	9
Stationary Concrete Girder Clamps					
MODEL	SWL (lbs)	EXPANSION (in)	WT (lbs)	E (deg)	F (in)
SL-74S45A	2000	14 - 28	78	45	9
SL-74S64A	2000	14 - 28	78	64	9
SL-74S45B	2000	26 - 32	80	45	9
SL-74S64B	2000	26 - 32	80	64	9

**concrete girder scaffold**

The Prestressed Girder Clamp System is ideal for installing and removing concrete forms. It is a fully adjustable platform along the Vertical Stem. When fully assembled, it provides a mobile platform that can be expanded to include By-Pass attachments when diaphragms are present.



aluminum truss & aluminum stage set-up



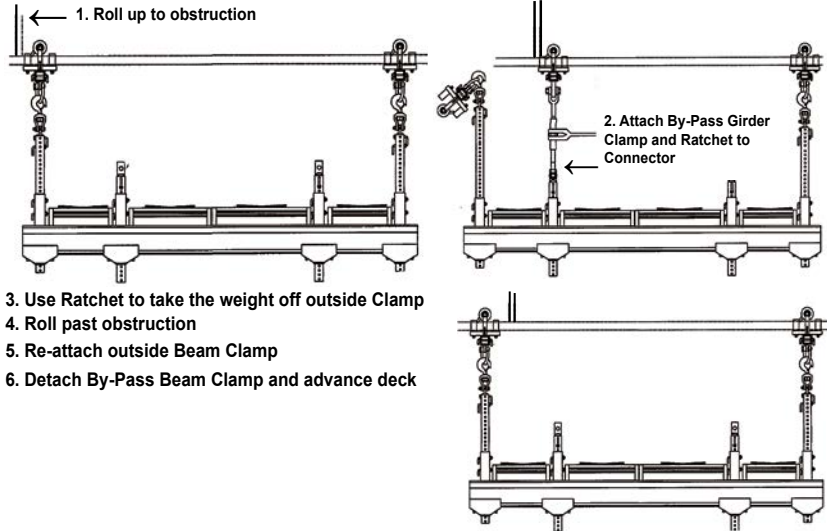
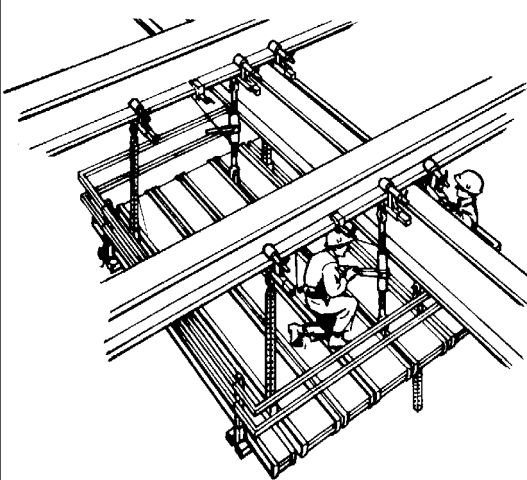
hanger, aluminum stringer and aluminum stage set-up  
aluminum stage deck running parallel to girder

Rolling Concrete Girder Clamp Girder Expansion (in) Safe Working Load (SWL) lbs	SL-74R45A 14 - 28 2000
Scaffold Packaged weight (lbs): 632 Scaffold Size (ft): 4 X 12	SWL (lbs): 1000 distributed load

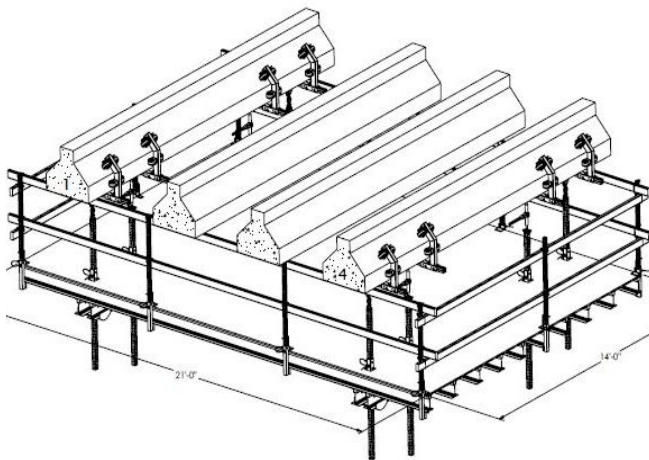


**by-pass scaffold system**

The By-Pass System is part of a revolutionary concept in scaffold engineering. Instead of using ground scaffolding, working decks are elevated by using clamp and hanger assemblies suspended from existing structural beams. This allows the contractor to perform jobs over water, utility lines, highways, rugged terrains, and railroads without interrupting traffic and work operations below. No special tools needed to erect and disassemble. The By-Pass System is designed to get around obstructions, allowing work to progress without dismantling the scaffold.



**by-pass scaffold system**



By using aluminum stringers and finishing the scaffold deck with 3/4" plywood, the user can increase the scaffold load capacity. It will help configure the scaffold based on the load requirements.

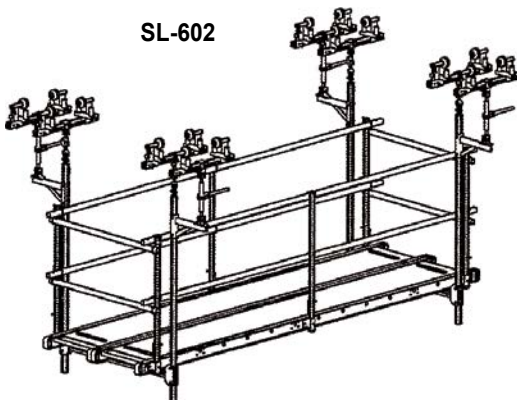
hanger, aluminum stringer and plywood deck set-up for concrete girder; simply substitute steel girder rollers for steel I-Beam application

Rolling Concrete Girder Clamp Girder Expansion (in) Safe Working Load (SWL) lbs	SL-74R45A 14 - 28 27 lbs/sq.ft.
Scaffold Packaged weight (lbs): 862 Scaffold Size (ft): 14 X 21	SWL (lbs): 27/sq.ft. distributed load

\* plywood & wood guardrails not included

**small by-pass scaffold**

SL-602



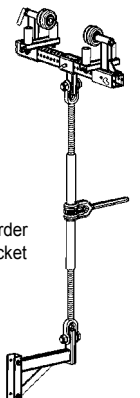
The Small By-Pass Scaffold System is a mobile platform equipped with four suspension points and four transfer points. The Vertical Stems come with triangular By-Pass Brackets that allow for going around Diaphragms, Stiffeners, and Lateral Braces. The standard packaged platform is four feet wide by the desired length of the platform.

Small By-pass Suspended Scaffold			
Model	Aluminum Stages	Width (in)	Length (ft)
SL-602	2	24/28	*
SL-603	3	24/28	*
SL-604	4	24/28	*

steel truss & aluminum stage set-up

SL-54BPA

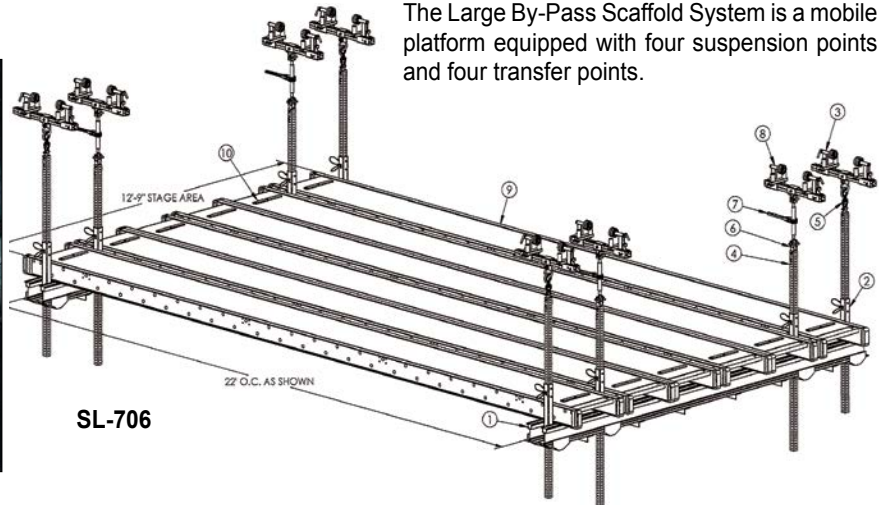
by-pass assembly includes girder clamp, transfer ratchet, & bracket



**large by-pass scaffold**



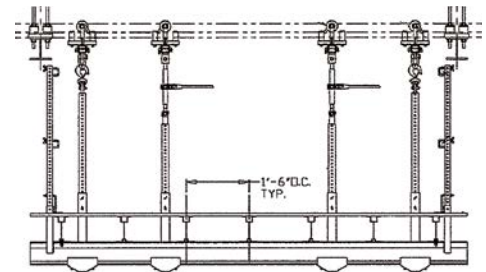
hanger, aluminum stringer & aluminum stage set-up



SL-706

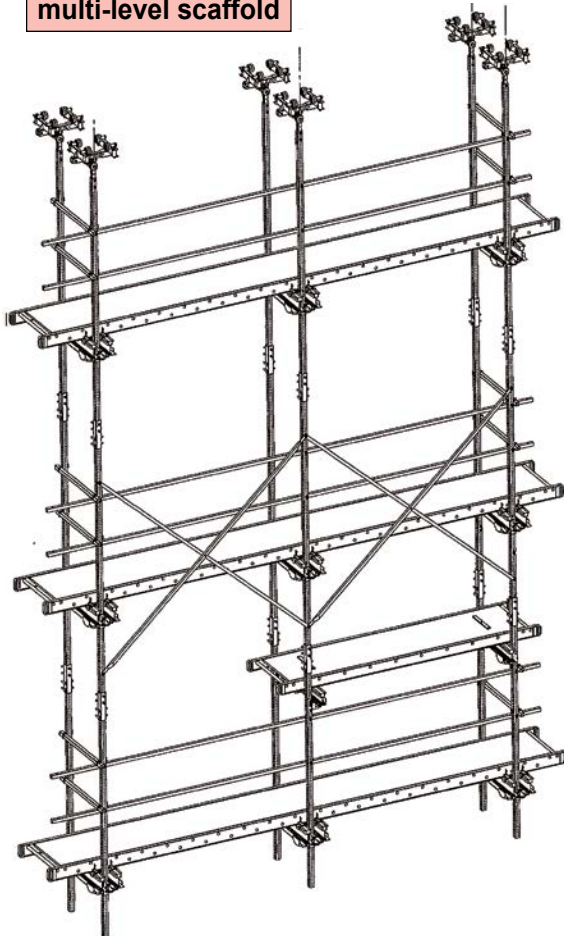
The Large By-Pass Scaffold System is a mobile platform equipped with four suspension points and four transfer points.

Large By-pass Suspended Scaffold			
Model	Aluminum Stages	Width (in)	Length (ft)
SL-704	4	24/28	*
SL-705	5	24/28	*
SL-706	6	24/28	*



hanger, aluminum stringer & plywood set-up

**multi-level scaffold**



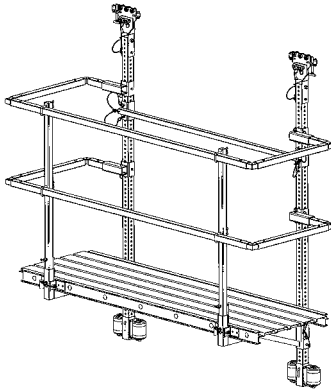
The Mobile Multi-Level Scaffold offers adjustability, functionality, and mobility. The workman can reach areas at various elevations.

rolling multi-level suspended scaffold		
Part	Description	Qty
SL-54X	4k RL Girder Clamp6-12\"/>	





**trolley scaffold**



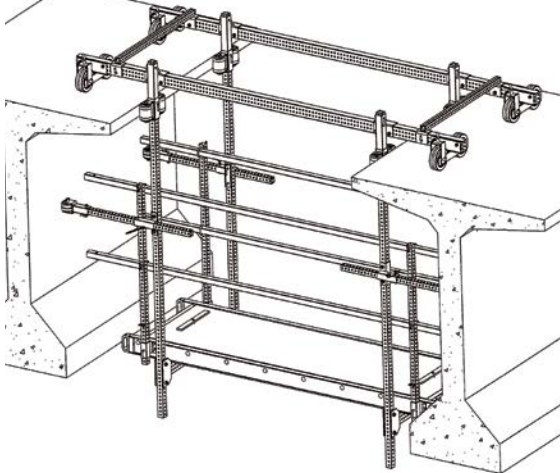
The Trolley Scaffold is designed for existing window tracks; where none exists, we can install the track system to accommodate the rollers.

<b>Rolling Trolley Scaffold</b>	<b>SL-207TSS</b>
Scaffold Packaged weight (lbs): 136 Scaffold Size (ft): 2 X 7	SWL (lbs): 500 distributed load

**SL-207TSS**



**drop thru cart scaffold**

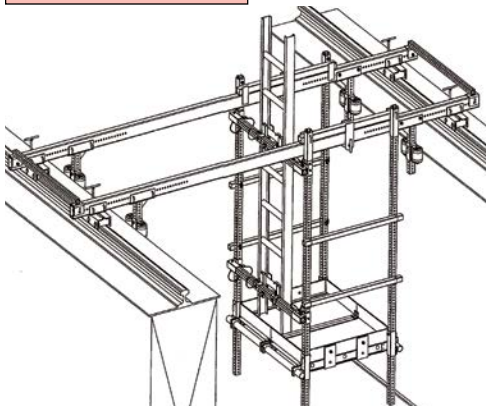


The mobile drop thru cart is designed for rolling on girder top flange (concrete and steel). It offers a platform that is adjustable, requiring no tools to erect. This modular platform is ideal when deep girders present an access problem in reaching the underside of the roadway. The scaffold is perfect for working between two bridge roadways. Easy erection, easy take down. Adjustable to 10 ft. girder depth.

<b>Drop-Thru Rolling Cart Scaffold</b>	<b>SL-810DTC</b>
Scaffold Packaged weight (lbs): 363 Scaffold Size (ft): 2.33 X 8	SWL (lbs): 750 distributed load

**SL-810DTC**

**traveller scaffold**

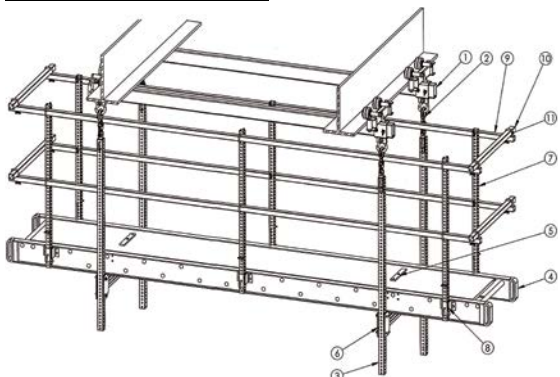


The traveller scaffold is designed to provide access to the crane rail. The scaffold can be made to specification. The scaffold runs on a fourteen-foot track which, in turn, rolls on the crane rail.

<b>Rolling Traveller Suspended Scaffold</b>	<b>SL-514CRA</b>
Scaffold Packaged weight (lbs): 381 Scaffold Size (ft): 3 X 3	SWL (lbs): 500 distributed load

**SL-514CRA**

**spreader scaffold**



The rolling spreader scaffold provides a single expansion bar and two Roller Beam Clamp jaws, used in situations where there are stiffeners on one side of the girder, preventing movement of the rollers on a standard roller beam clamp. Specify suspension points up to twenty feet on center.

<b>Rolling Spreader Suspended Scaffold</b>	<b>SL-56X15</b>
Scaffold Packaged weight (lbs): 428 Scaffold Size (ft): 2 X 16	SWL (lbs): 750 distributed load

**SL-56X15**



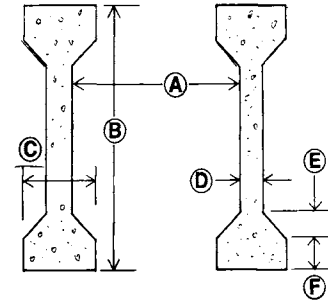
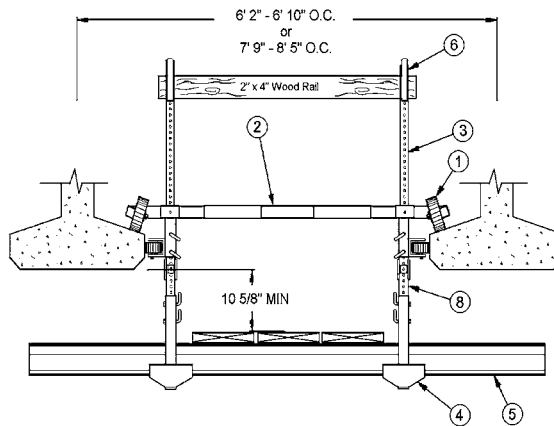
**suspended stripping scaffold**

The rolling suspended stripping scaffold is designed to roll along prestressed concrete girder flanges. Adjustable expansion bars expand from beam to beam with the wheel assemblies attached at both ends. The scaffold is equipped with side rollers and brakes to help maintain stability; and is adjustable horizontally and vertically.



**SL-6285PSC**  
suspended application

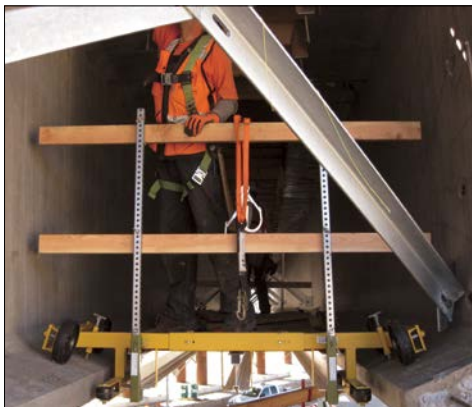
<b>Rolling Suspended Stripping Scaffold</b>	<b>SL-6285PSC</b>
<b>Scaffold Packaged weight (lbs): 520</b>	<b>SWL (lbs): 1000</b>
<b>Scaffold Size (ft): 4 - 6 X 16</b>	<b>distributed load</b>



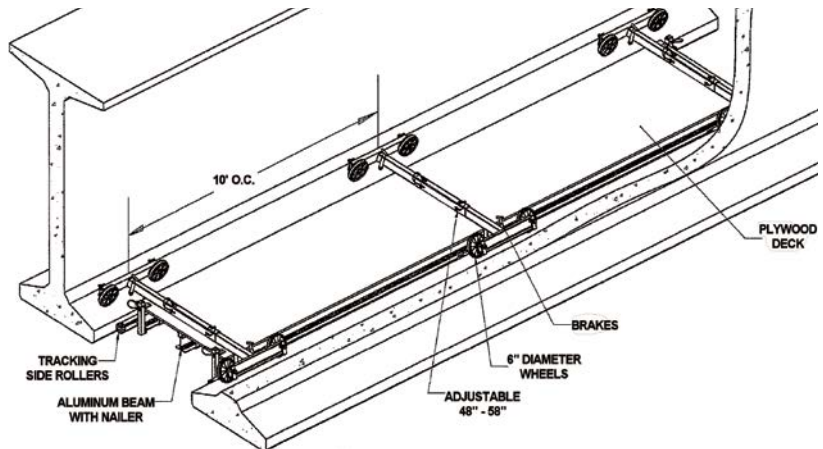
Dimensions	
A	
B	
C	
D	
E	
F	

**rolling stripping scaffold**

This application allows the worker to get closer to the bottom of the roadway. Collapsible endrails allow the platform to evade diaphragms and/or diagonal braces. Ideal for installing and removing forms. Specify the width and length.



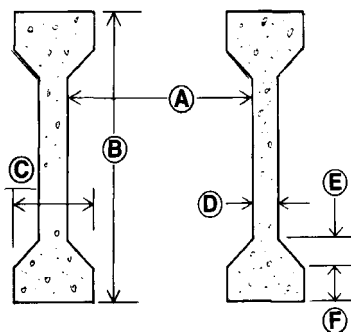
**SL-9320PSC**  
between girders application



\* plywood and wood guardrails not included

<b>Rolling Stripping Cart Scaffold</b>	<b>SL-9320PSC</b>
<b>Scaffold Packaged weight (lbs): 411</b>	<b>SWL (lbs): 1000</b>
<b>Scaffold Size (ft): 4 - 5 X 21</b>	<b>distributed load</b>

Dimensions	
A	
B	
C	
D	
E	
F	



**girder top flange scaffold**



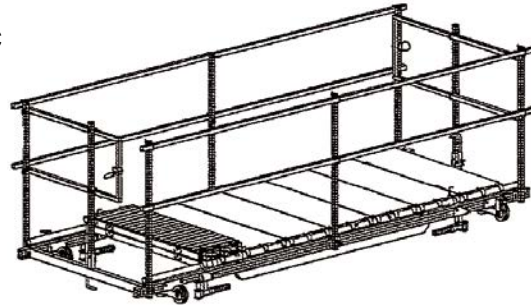
steel girder application



concrete girder application

The girder top flange scaffold is designed to fit types A, AA, and generic railroad bridges. The platform includes access hatch openings at each end, allowing the worker to step onto the girder for advancing the platform. Sliding gates allow for entry and exit. Foot brakes, anti-tip, adjustable locks, guardrails (top and mid) on all sides. The inside lower bumper wheels track the girder.

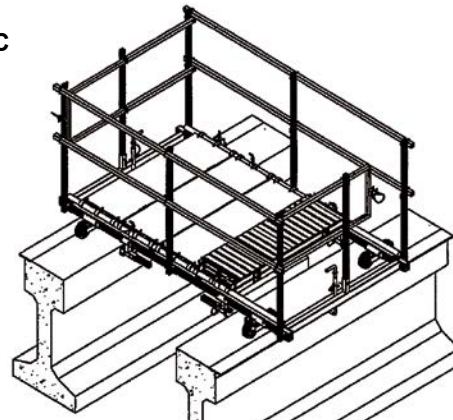
**SL-614PGC**



Rolling Girder Top Flange Scaffold (steel)	SL-614PGC
Scaffold Packaged weight (lbs): 300	SWL (lbs): 500 distributed load
Scaffold Size (ft): 5 X 14	

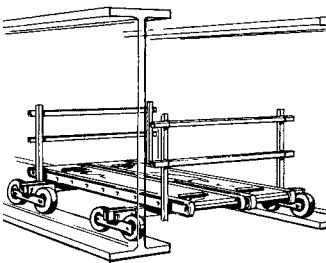
Rolling Girder Top Flange Scaffold (concrete)	SL-610CGC
Scaffold Packaged weight (lbs): 270	SWL (lbs): 500 distributed load
Scaffold Size (ft): 5.5 X 10	

**SL-610PGC**



**girder bottom flange scaffold (steel)**

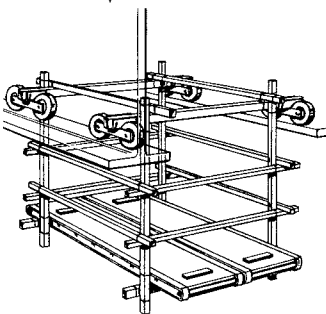
A rolling platform designed for easy access and mobility between two girders. Adjustable to girder width. Standard models span forty-eight inches between girders and designed to use twelve foot stages. This system is not suitable for bridges with stiffeners.



**SL-512BFR**

between girders application

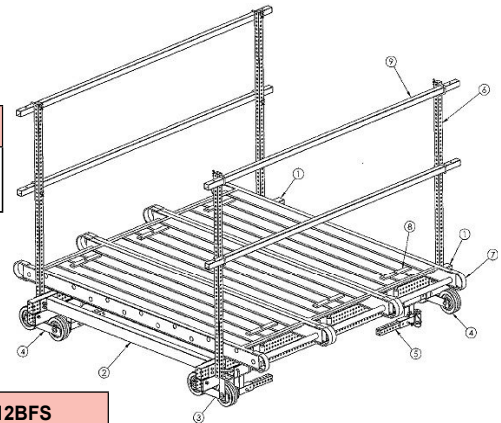
Rolling girder bottom flange Scaffold	SL-512BFR
Scaffold Packaged weight (lbs): 288	SWL (lbs): 500 distributed load
Scaffold Size (ft): 4 X 12	



**SL-512BFS**

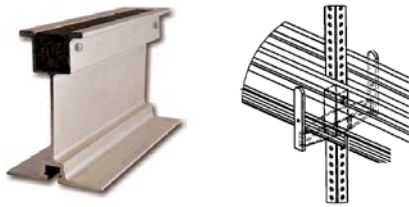
suspended application

Rolling girder bottom flange Suspended Scaffold	SL-512BFS
Scaffold Packaged weight (lbs): 315	SWL (lbs): 500 distributed load
Scaffold Size (ft): 4 X 12	



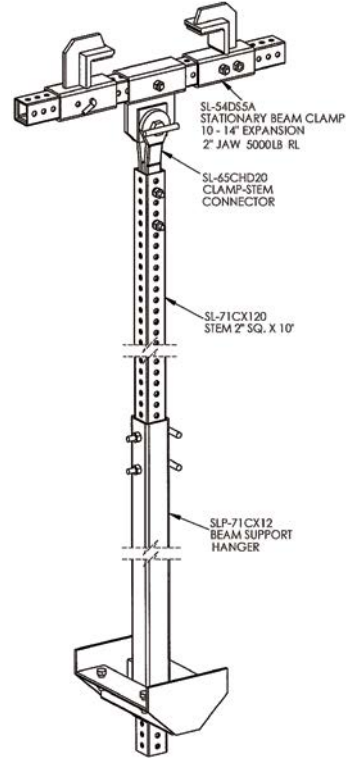
**grid scaffold**

When a large area suspended work platform is required for over-head construction or maintenance, Swing-Lo beam clamp, stem, and hanger assemblies have proven to be a safe and economical solution. This grid and modular system can be expanded to any size platform. Rated live load can range from twenty-five pounds per square foot to fifty or more pounds per square foot.

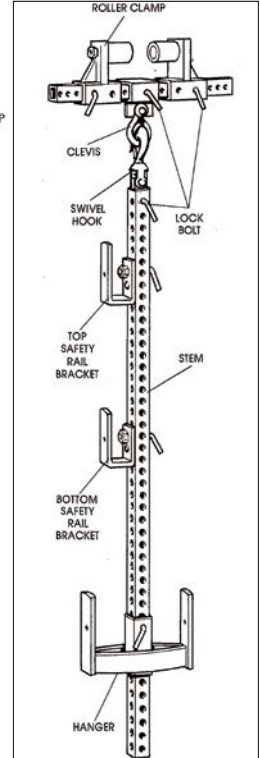


Pages 51-52 for beam clamp choices  
 Pages 53-55 for stem and hanger choices  
 Page 56 for Aluminum Beams & Scaffold Plank

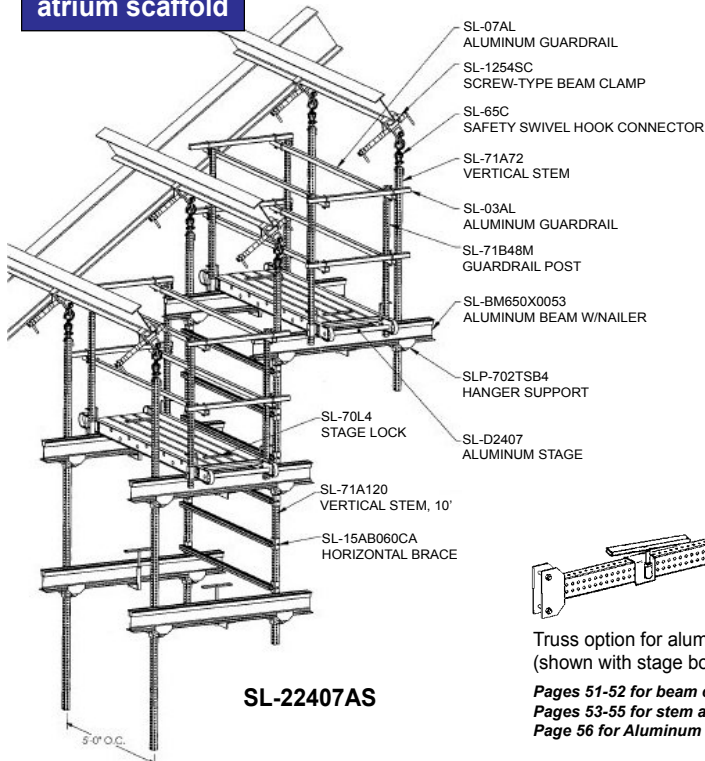
**5000 lb SWL Assembly**



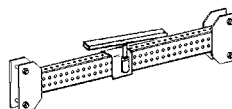
**1000 lb SWL Assembly**



**atrium scaffold**



**SL-22407AS**

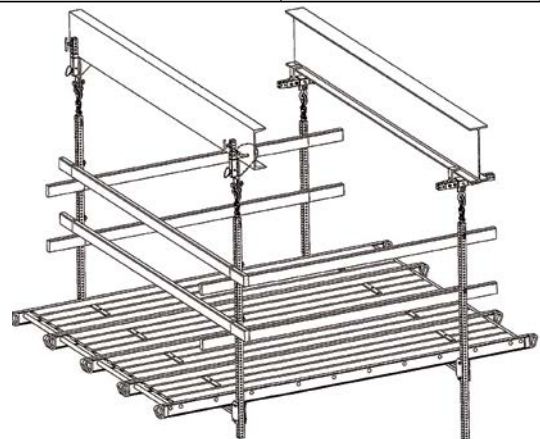


Truss option for aluminum stage (shown with stage board lock)

Pages 51-52 for beam clamp choices  
 Pages 53-55 for stem and hanger choices  
 Page 56 for Aluminum Beams & Scaffold Plank

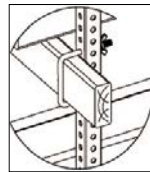
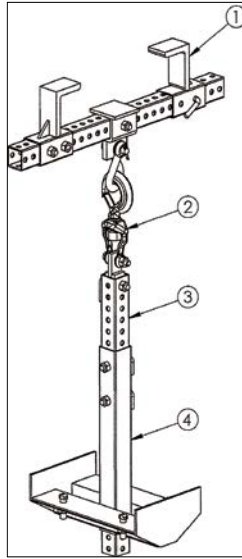
The atrium scaffold provides a flexible, multi-level suspended scaffold for sloped I-beams. Expand the system by adding components for additional levels. Each level is rated at five hundred pounds.

Atrium Scaffold	SL-22407AS
Scaffold Packaged weight (lbs): 567	SWL (lbs): 500/elevation distributed load
Scaffold Size (ft): 2 X 7 (3 ea.)	



**girder clamp & hanger scaffold**

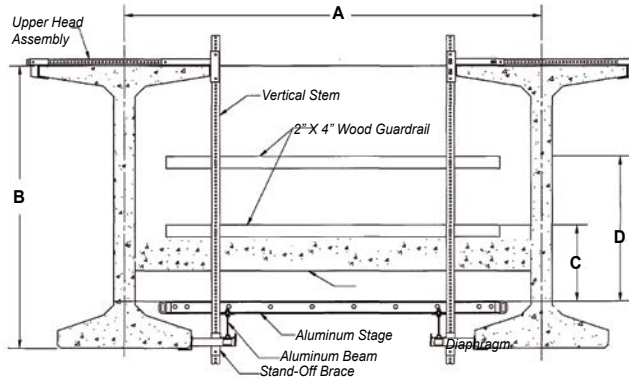
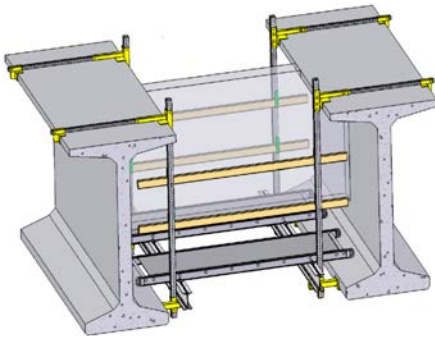
This stationary system uses aluminum beams or scaffold grade wood to support the working deck. 3/4" plywood is used to finish the deck. Swing-Lo technicians will help in configuring your suspended scaffold requirements based on platform size and load.



stationary suspended scaffold		
	DESCRIPTION	CAT. PAGE
1	girder clamp	51-52
2	safety swivel hook connector	53
3	vertical perforated stem	53
4	hanger	55
5	safety rail bolt lock	58

**concrete girder drop thru scaffold**

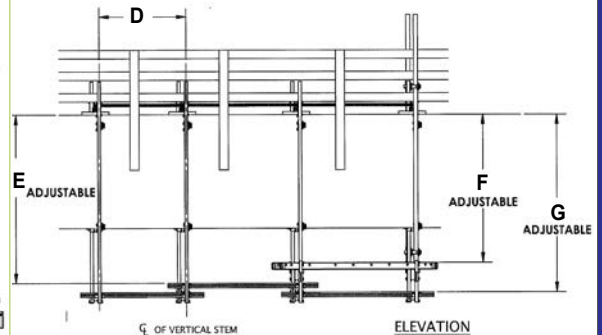
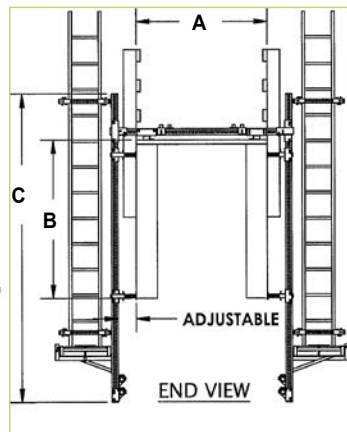
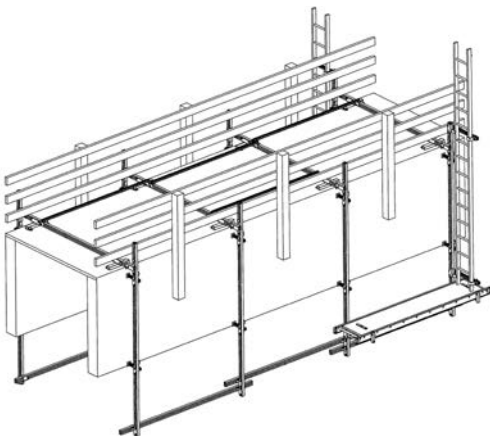
This system provides a fast and safe method of accessing the interior portions of the bridge. It can be configured to any length. Specify the dimensions requested below, and our technicians will configure the platform for you. Rolling? **Page 17**



<b>Concrete Girder Drop-Thru Scaffold</b>	
<b>Scaffold Packaged weight (lbs): 411</b>	<b>SWL (lbs): 750 distributed load</b>
<b>Scaffold Size (ft): 4 - 5 X 10-12</b>	

**pedestrian bridge scaffold**

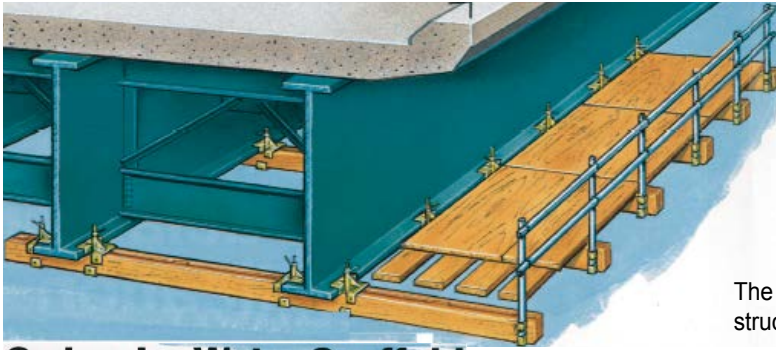
Easy set-up and dismantling. The Pedestrian Bridge Scaffold provides access to all sides of the bridge with up to three workers per side.



<b>Pedestrian Bridge Scaffold</b>	
<b>Weight (lbs): 733</b>	<b>SWL (lbs): 750/side distributed load</b>
<b>Scaffold Size (ft): 8 X 24</b>	

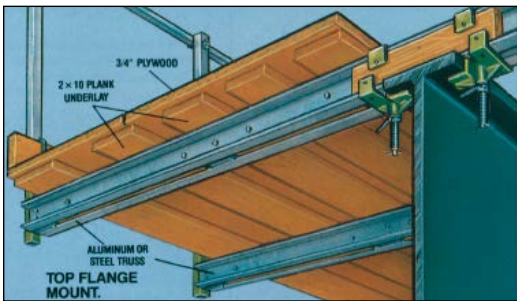


**waler girder scaffold**



Waler girder clamps, when used in pairs, provide an effective and efficient scaffold. The Walers are used with 2" x 6", 8", 10", or 12" wood beams. Aluminum Channel Trusses (two 2" x 6" spaced back-to-back) or two Steel Channel Trusses are similarly attached to create a cantilevered scaffold.

**Swing-Lo Waler Scaffold for faster forming and stripping!**



FB-C6S Weight (lbs): 35 each

**Safe Working Load Specifications:**

The Waler Girder Clamp is designed to support a pair of structural members as a cantilever.

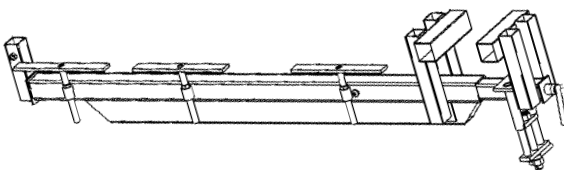
Determination of the decking support should be performed by a Licensed Engineer. The choice of structural members must consider the following:

1. Safety Factor of 4 based on desired distributed live load.
2. End point concentrated load not more than 500 pounds with a minimum safety factor of 4.
3. Maximum deflection when fully loaded.

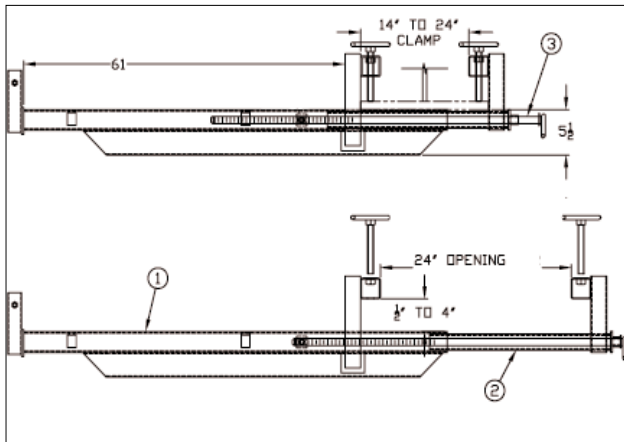
Total load shall not exceed Waler Girder Clamp's rated load/safe working load of 2000 lbs, based on the square area of the support members.

**Total load shall not exceed Waler rated load of 2000 lbs, based on the square area of the support members.**

**waler fascia girder scaffold**



SL-05FBW



The Waler Bracket is used as a temporary catwalk support. The system provides a solid base for aluminum stages or planking and plywood decks. The Waler assembly includes guardrail post. See example below for obtaining proper spacing of the Waler Brackets.

Waler Fascia Girder Bracket			
MODEL	SIZE (ft)	GIRDER WIDTH (inches)	GIRDER THICKNESS (inches)
SL-03FBWA	3	8 - 18	3/4 - 4
SL-03FBWB	3	14 - 24	3/4 - 4
SL-04FBWA	4	8 - 18	3/4 - 4
SL-04FBWB	4	14 - 24	3/4 - 4
SL-05FBWA	5	8 - 18	3/4 - 4
SL-05FBWB	5	14 - 24	3/4 - 4

**Safe Working Load Limits:**

All Waler Fascia Beam Brackets are designed to support 250 lbs per foot with a safety factor of 4. Spacing and working loads are determined as follow:

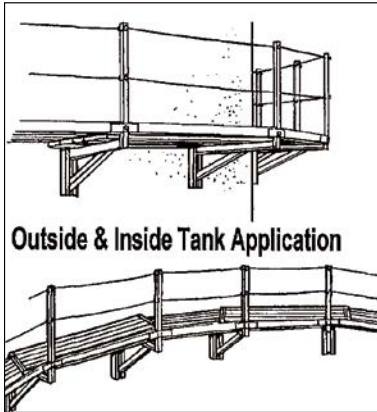
EX: 4 ft. Waler Bracket = 4ft. X 250 Lbs. = 1000 lbs.

1000 lbs divided by desired working load of 25 lbs./sq./ft =

$$\frac{1000 \text{ lbs.}}{25 \text{ lbs./sq./ft.}} = 40 \text{ sq. ft.} = \frac{40 \text{ sq. ft.}}{4 \text{ ft. Bracket}} = 10 \text{ ft. spacing}$$

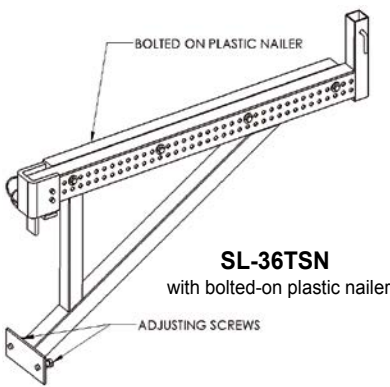


**tank scaffold (stationary)**

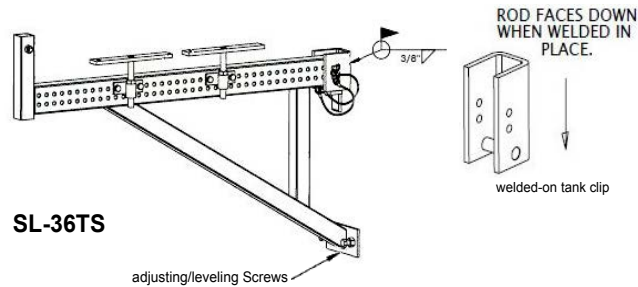


The Tank Bracket Scaffold Assembly is designed to be used with one clip (carbon steel or stainless steel) welded on the inside or outside of the tank surface. The Tank Bracket also includes Board Locks to be used with Scaffold Planks or Aluminum Stages. Models with an **(N) extension** include a nylon base attachment for screwing on wood scaffold planks. Perforated pre-galvanized guardrail post facilitates wire rope guardrails. The Tank Bracket comes in three sizes.

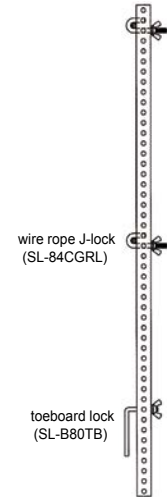
Tank Scaffold 750 lbs point load; 1000 lbs uniform load		
Model	Description	Wt (lbs)
SL-24TS	2 ft. Bracket w/1 Locking Clip	31
SL-36TS	3 ft. Bracket w/1 Locking Clip	46
SL-48TS	4 ft. Bracket w/1 Locking Clip	58
SL-18RGB	1.5 ft. Bracket for Ring Girder	28
SL-71B48GC	4 ft. Perforated Guardrail Post PG	8



**SL-36TSN**  
with bolted-on plastic nailer



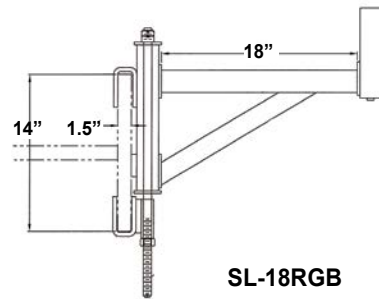
**SL-36TS**



**SL-71B48GC**  
Guardrail Post  
(wire rope)

**tank scaffold (ring girder)**

The Tank Bracket for Ring Girder is used where a steel ribbon is welded to the circumference of a steel tank, providing a stable platform for the worker. The bracket is adjustable for various sizes in width and height.

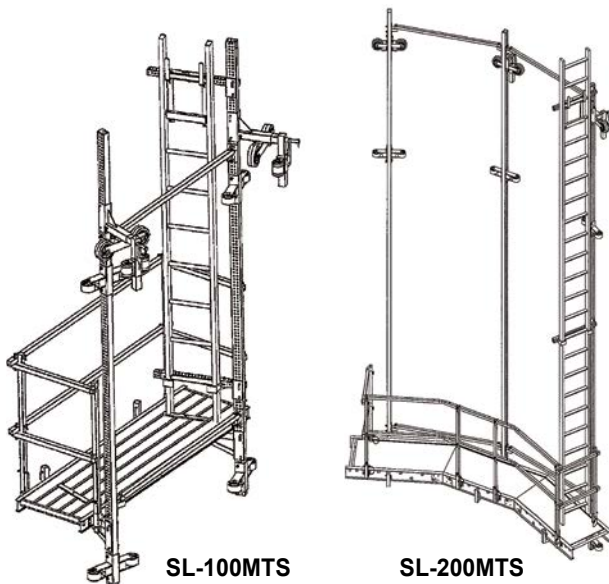


**SL-18RGB**

**Figuring the number of Tank Brackets needed:**

- 1) Multiply the diameter of the tank by 3.14
- 2) Divide the result by 8
- 3) Add 1 Tank Bracket to
- 4) Obtain total Tank Brackets needed

**tank scaffold (rolling)**



**SL-100MTS**

**SL-200MTS**

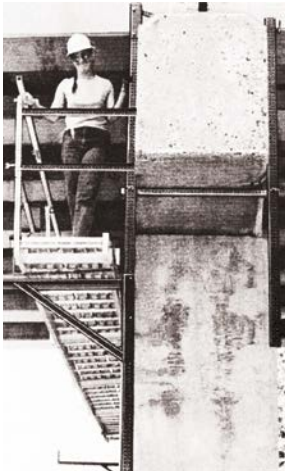
A rolling platform on the inside or outside of a tank wall is provided. The platform can be adjusted along the vertical stem. The scaffold comes complete with aluminum stage deck and guardrails. The ladder clamp can accommodate any standard ladder (not included in the package). The rolling Tank Scaffold is ideal for cleaning, re-lining, and re-surfacing steel or concrete tanks.

Tank Scaffold (rolling)				
Model	Stem Length (ft)	Width (in)	Scaffold Length (ft)	SWL (lbs)
SL-100MTS	to 24	24/28	7 OR 12	500
SL-200MTS	VARIABLES	VARIABLES	MODULAR	750

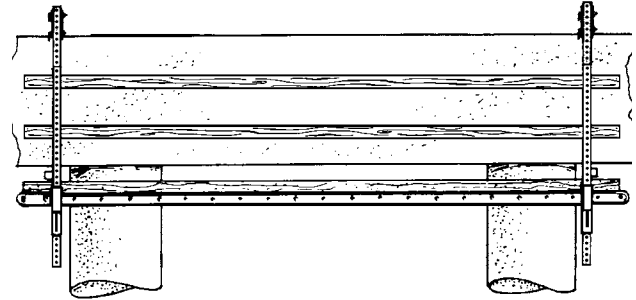
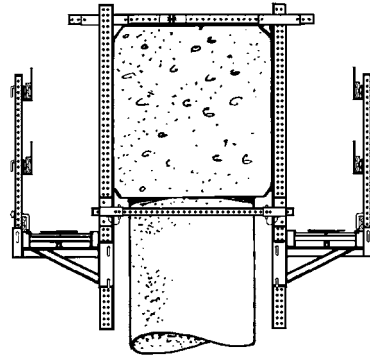


**pier cap scaffold**

The Pier Cap Scaffold is designed to straddle pier caps at two points or more. Access is provided to all sides of the pier.



**SL-20PSE**

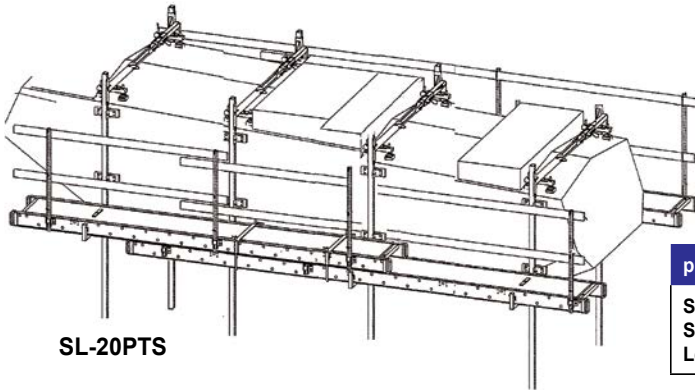


**FEATURES:**

- \* Adjusts from 24" - 48"
- \* 8 ft. Vertical Stem
- \* 2 ft. wide platform
- \* 500 lbs SWL/side; simple span

<b>pie cap Scaffold (saddle style)</b>	<b>SL-20PSE (2 ft. - 4 ft. expansion)</b>
<b>Scaffold Packaged weight (lbs): 346</b>	<b>SWL (lbs): 500/scaffold distributed load</b>
<b>Scaffold Size (ft): 2 X to 32</b>	
<b>Length of Vertical Stem (ft): 8</b>	

**pier cap scaffold**



**SL-20PTS**

The SL-20PTS Pier Scaffold is designed to straddle pier caps at two points or more. Access to all sides is available. Working decks are adjustable for width and length. This model adapts to slopes of eighty-five degrees on the pier cap. The length of the Platform can be increased using the SL-49B Stage Binder to connect and lengthen the aluminum stages.

<b>pie cap Scaffold (saddle style)</b>	<b>SL-20PTS (6 ft. - 8.50 ft. expansion)</b>
<b>Scaffold Packaged weight (lbs): 346</b>	<b>SWL (lbs): 750/scaffold distributed load</b>
<b>Scaffold Size (ft): 2 X to 32</b>	
<b>Length of Vertical Stem (ft): 12</b>	

**heavy duty pier scaffold**

The Heavy Duty Pier Cap Scaffold is designed for Pier/Pier Cap/Pier Column repairs. The system may be configured in a single or double elevation, and maybe fully enclosed, providing a safe and comfortable work environment. The spacing and number of hangers are based on the load requirements.

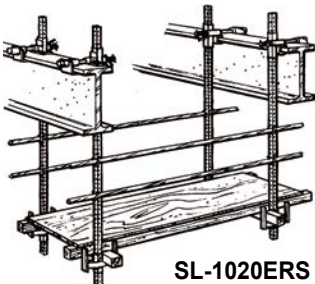


**SL-30PSS**

<b>Heavy Duty Pier Cap Scaffold SL-30PSS</b>		
	<b>DESCRIPTION</b>	<b>CAT. PAGE</b>
1	girder clamp	51-52
2	safety swivel hook connector	53
3	vertical perforated stem	53
4	hanger & truss	54-55
5	safety rail bolt lock	58
6	decking, guardrails & accessories	56-58

**elevated rail scaffold**

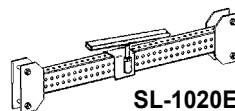
Clamp onto the top flange of bridge girders and create a working deck. An alternate configuration available using aluminum stage. Specify width of desired platform.



**SL-1020ERS**

Option with hanger for 4" X 6" wood support and plywood decking or aluminum stage.

<b>Elevated Rail Scaffold</b>	<b>SL-1020ERS/SL-1020ERST</b>
<b>Scaffold Packaged weight (lbs): 138</b>	<b>SWL (lbs): 500 distributed load</b>
<b>Scaffold Size (ft): 8 X 8</b>	
<b>Length of Vertical Stem (ft): 6</b>	



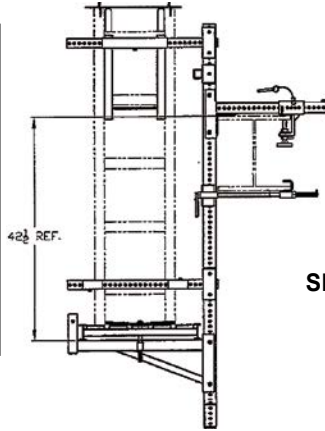
**SL-1020ERST**

Truss option for aluminum stage (shown with stage board lock)





**single side girder scaffold**



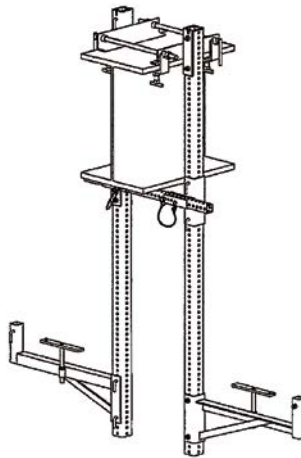
The Single-Side Beam Scaffold is easily placed and removed where it is needed. It is used for splicing and bolting girder sections. Guardrails provided when requested. The platform deck is adjustable along the vertical stem. Optional Wheels on the base of the Vertical Stems allow the platform to be erected below and rolled into place.

**SL-1015B1**

Single Side Girder Scaffold	SL-1015B1
Girder Size (in): 6 - 18 Scaffold Packaged weight (lbs): 226 Scaffold Size (ft): 2 X 7/12 Vertical Stem Size (ft): 2.50 X 8 Side-Mounted Ladder Clamp	SWL (lbs): 500 distributed load

\* Ladder not included

**saddle scaffold**



**SL-20PSG**

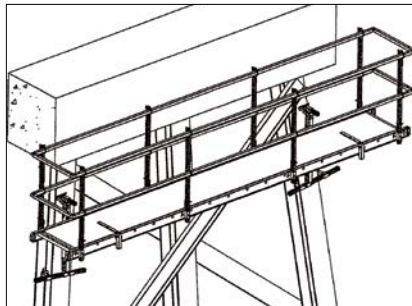
The Fixed Beam Saddle Scaffold provides access to both sides of the girder. The deck is adjustable along the length of the vertical stem. A simple span platform ranges from seven feet to thirty-two feet. Specify the length of the aluminum stage (quoted separately) to be used.

Saddle Scaffold	SL-20PSG
Girder Size (in): 8 - 24 Scaffold Packaged weight (lbs): 405 Scaffold Size (ft): 2 X 7 or 2 X 12 Vertical Stem Size (ft): 2.50 X 8 Side-Mounted Ladder Clamp	SWL (lbs): 500/side distributed load

\* Ladder not included

**pile scaffold (steel)**

This assembly clamps onto the steel girder piles, providing a work platform. Configured specifically to the needs of the user, the width (24", 28") and length (up to 40 ft.) are specified, including the Safe Working Load (500 lbs or 750 lbs).

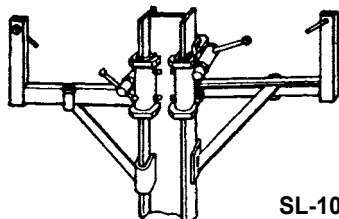


Pile Scaffold (steel) SL-4618PSS			
Model	Description	Wt (lbs)	SWL (lbs)*
SL-3618PSS	Pile Bracket - 36"	41	750
SL-4818PSS	Pile Bracket - 48"	55	750

\*sold in pairs; (SWL simple span)

**SL-4618PSS**

**girder column scaffold**



**SL-100CC**

The Girder Column Scaffold comprises four Column Clamps, and when properly erected, supports fourteen-inch wide aluminum stages, up to forty feet long on each side of the column. No tools required.

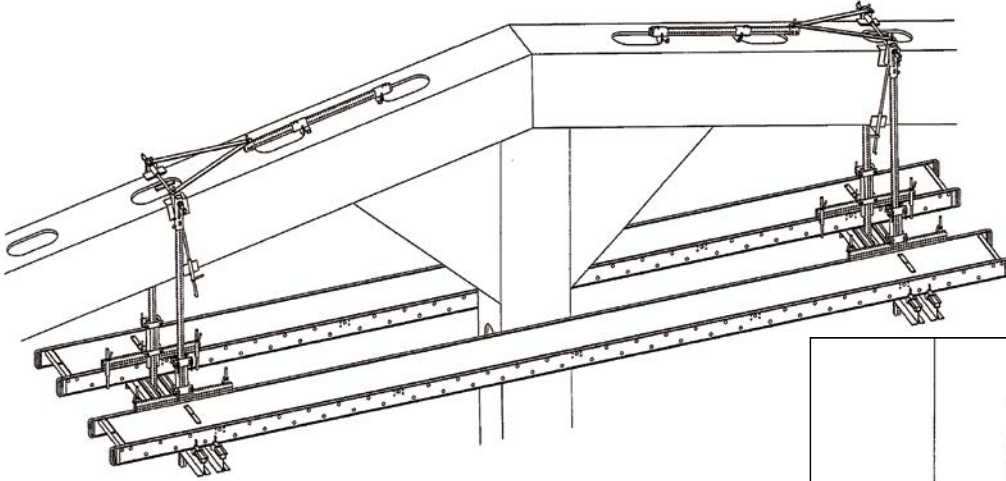
Girder Column Scaffold			
Model	Size (in)	Wt (lbs)	SWL (lbs)
SL-100CC	6 - 10	20	500
SL-160CC	12 - 16	35	500

\*sold in pairs; (SWL simple span)



**box chord scaffold**

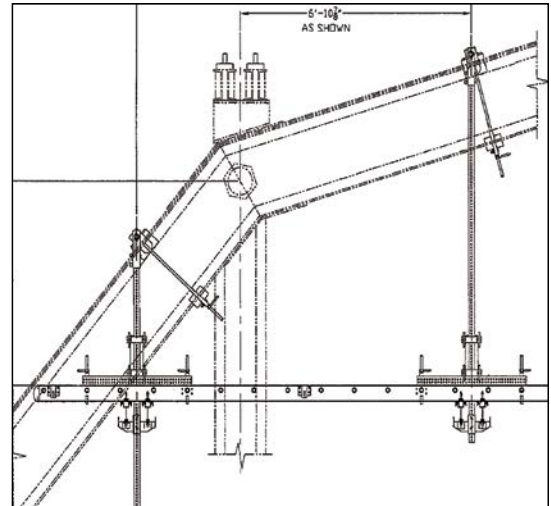
The Swing-Lo Box Chord Scaffold Model SL-54BCC10 is designed to lock onto bridge box chords, providing two suspended platforms (twenty-four or twenty-eight inch wide) and up to forty feet in length. Stabilizers limit swaying. Safe Working Loads of 500 or 750 pounds available. Increase the Safe Working Load by adding more deck supports.



**When considering the suspended scaffolding, please include the following:** 1) width of the platform needed, 2) length of the platform needed, 3) height from the top of the platform to the bottom of the chord, 4) load requirement, and 5) number of platforms needed. Also, please specify the chord type and chord dimensions, including width and depth.

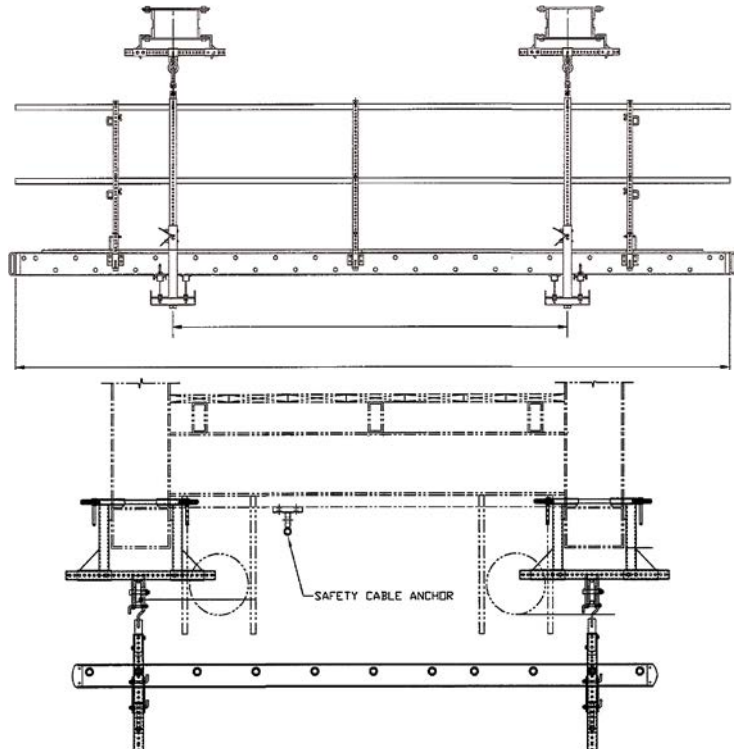
Box Chord Scaffold	SL-54BCC10
Chord Size (in): 12 - 36	SWL (lbs): 750/side distributed load
Scaffold Packaged weight (lbs): 535	
Scaffold Size (ft): 2 X to 32	
Vertical Stem Size (ft): 2.50 X 8	

**SL-54BCC10**



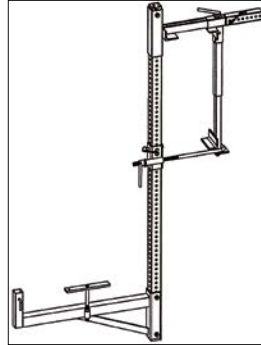
**box chord scaffold**

The Box Chord Scaffold comes in a variety of configurations designed to provide a safe and secure suspended scaffolding system to any and all sides of the chord.

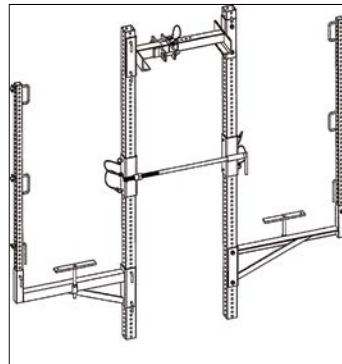


**box chord scaffold**

Standard Chord access includes Single Side, Double Side, and All Sides access. Add more stirrups to expand the scaffold length.

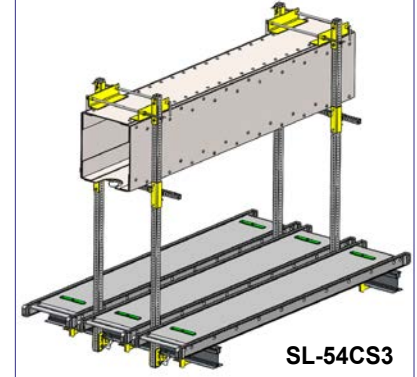


SL-54CS1



SL-54CS2

All Access Box Chord includes the middle/center area



SL-54CS3

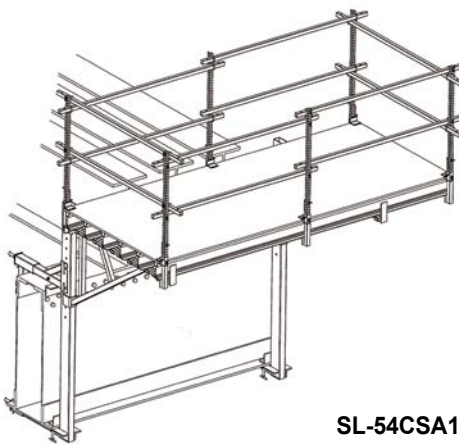
If access to the center platform/scaffold **only** is required, decrease the length of the aluminum beam, and request only one aluminum stage; the model number would then change to **SL-54CS3A**

Box Chord Scaffold		Wt	SWL/side
Model	Description	(lbs)	(lbs)
SL-54CS1S	Single-Side	160	500
SL-54CS2S	Double-Side	322	500
SL-54CS3S	All-Access	367	500

Guardrails and Toeboards not shown for clarity

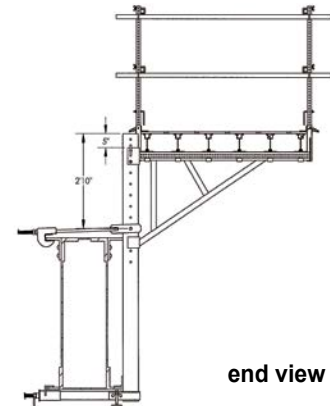
**box chord cantilever scaffold**

Box Chord Cantilever Scaffold offers access without limiting the size of the working platform. No tools are needed to erect this adjustable and modular platform. The deck may be expanded up to seven feet wide, and up to the desired length; simply include additional components.



SL-54CSA1

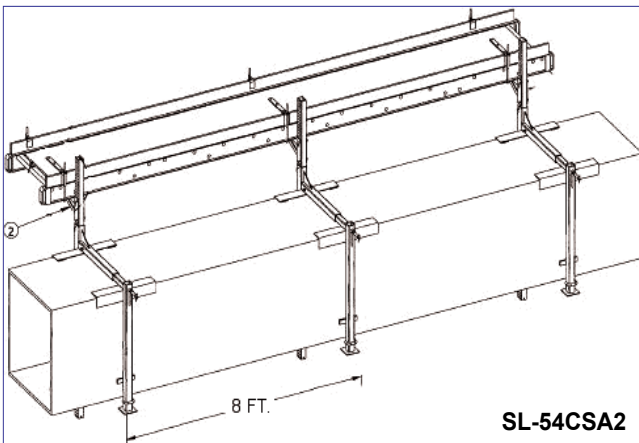
Box Chord Scaffold			
Model	Size (ft)	Wt (lbs)	SWL (lbs)
SL-54CSA1	66 X 12.50	349	750



end view

**box chord cantilever scaffold**

Build a cantilever catwalk scaffold along a box chord. The scaffold is adjustable on the vertical stem, above or below the box chord.

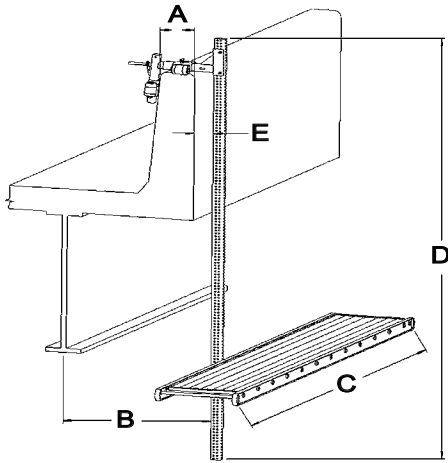


SL-54CSA2

SL-54BCSA2 Box Chord Scaffold		
Model	Description	Wt (lbs)
SL-54CC36	Box Chord Clamp	102
SL-7008	96" Stems	32
SL-28SBR	28" Stage Bracket	18
SL-080TB	Reg. Toeboard Clamp	1
SL-70L	Board Locks	9
<b>WT: 162 lbs per Bracket</b>		<b>SWL (lbs): 750</b>



**parapet scaffold considerations**

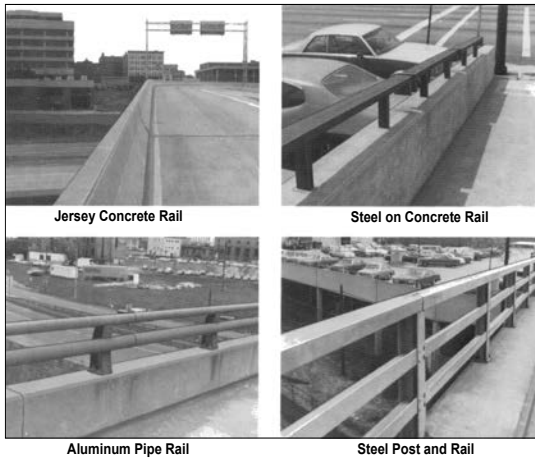


When considering a Parapet Scaffold application, dimensions A, B, C, D, and E are critical in determining the appropriate model.

The Parapet Scaffold is adaptable to most bridge rail or parapet. The standard Upper Head Assembly will fit up to a fourteen and one-half inch concrete parapet **A** and up to thirty-six inches and more on other models. The Upper Head Assembly can also adapt to a four-inch diameter and larger pipe rail. As in every case, a competent person must determine whether the structure is sufficiently strong to carry the live and dead loads.

The Horizontal Bumper allows for up to five feet horizontal support **B**. The Horizontal Bumper allows for two types of support. The first application is to support the platform and the vertical stem at the web of the girder. The second application allows for multiple platforms when the horizontal support is attached to the bottom flange of the girder.

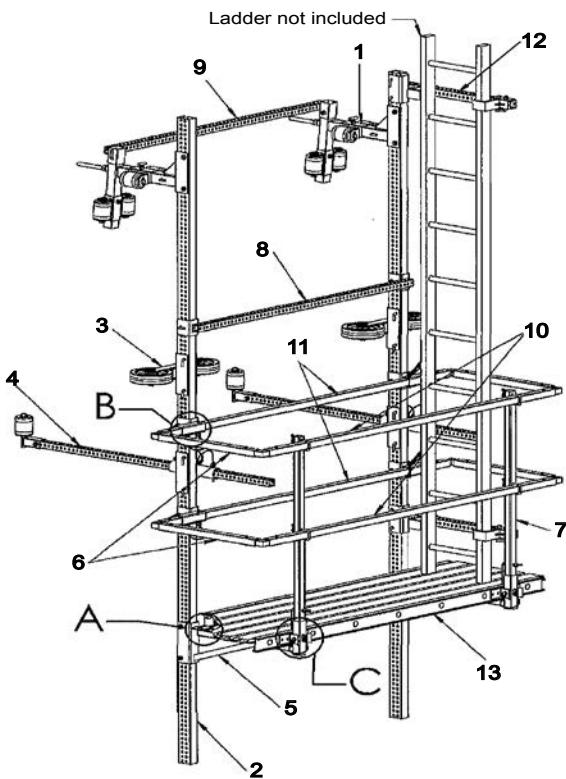
**typical rails and parapet designs**



The platform lengths **C** are seven feet and twelve feet. Only twenty-four inch width is provided. At the time of determining the number of decks required, please indicate how far under the sidewalk you would need to access.

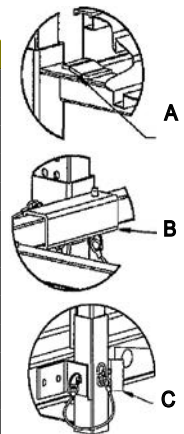
Letter **D** specifies the length of the vertical stems. When considering the length of the vertical stem, you must determine the deck elevation. Typically, two to four feet is subtracted from the vertical length, because of the stage bracket. The length of the vertical stem is provided in 10, 12, and 16 ft. options; however, stems are available to 24 ft.

Finally, consideration should be given to any obstruction such as, water pipe lines, cable lines, etc. along the bottom face of the parapet **E**. In cases where these obstructions exist, a different Upper Head Assembly may be specified, along with a Stand-off pad for the Lower Wheel Assembly (SL-15LAS).

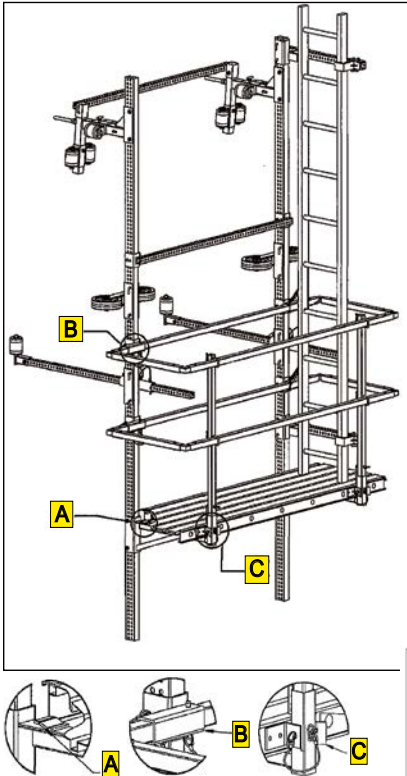


The SL-15 series Parapet Scaffold comes in two sizes: 7 ft. and 12 ft. both offer a two foot-wide aluminum platform; however, several configurations are available. The perforated vertical stem provides adjustment of the deck height. Electro-plated steel upper assembly locks into position on most types of rails. Rollers allow you to move the scaffold along the parapet or rail with ease.

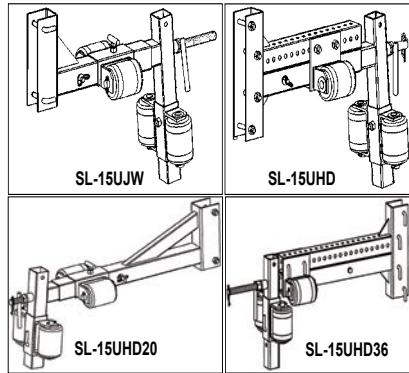
legend	
1	Upper Head Wheel Assembly
2	Vertical Stem
3	Adjustable Mid Wheel Assembly
4	Horizontal Brace w/Rotating Vertical Rollers
5	Stage Bracket w/Board Lock/Locking Clip (DETAIL A)
6	Aluminum Endrails w/connectors (DETAIL B)
7	Aluminum Guardrail Post w/post connector (DETAIL C)
8	Channel Brace
9	Tubing Brace
10	Aluminum Guardrail
11	Aluminum Guardrail (access to interior)
12	Ladder Clamp
13	Aluminum Stage



**parapet scaffold components**



**upper head assemblies**



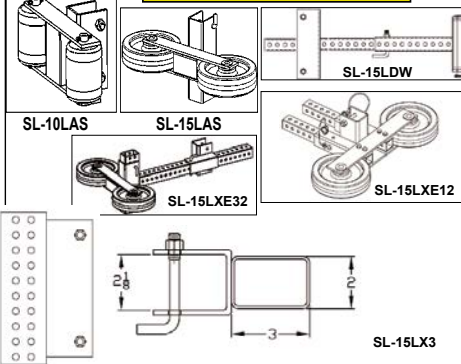
SL-15UJW

SL-15UHD

SL-15UHD20

SL-15UHD36

**adjustable mid-wheel assemblies**



SL-10LAS

SL-16LAS

SL-15LXE32

SL-15LXE12

SL-15LDW

SL-15LX3

**upper head assemblies**

SL-15UJW	Standard Upper Head Assembly w/wheels - 14 1/2"
SL-15UHD	Heavy Duty Upper Head Assembly w/wheels - 17 1/2"
SL-15UHD20	Heavy Duty Upper Head Assembly w/wheels - 20"
SL-15UHD36	Heavy Duty Upper Head Assembly w/wheels - 36"

**adjustable mid-wheel assemblies**

SL-10LAS	3 1/4" x 4" Double Mid Wheel Assembly
SL-15LAS	2" x 8" Double Mid Wheel Assembly
SL-15LDW	2" x 6" Double Mid Wheel Assembly
SL-15LXE12	2" X 8" Adjustable (6"-12") HD Double Mid-Wheel Assem
SL-15LXE32	2" x 8" Adjustable (6"-32") Double Mid-Wheel Assembly
SL-15LX3	3" Single Mid-Wheel Extension
SL-15LX7	2" x 8" Adjustable (6"-32") Double Mid-Wheel Assembly

**perforated vertical stems**

SL-7012	2" X 3" Vertical Perforated Stem 12'
SL-7016	2" X 3" Vertical Perforated Stem 16'
SL-7512	2" X 6" Vertical Perforated Stem 12'
SL-7516	2" X 6" Vertical Perforated Stem 16'

**horizontal braces**

SL-15AB059T	1 1/2" Sq. x 5' Tubing Brace
SL-15AB059C	1 1/2" Sq. x 5' Channel Brace
SL-15AB120T	1 1/2" Sq. x 10' Tubing Brace
SL-15AB120C	1 1/2" Sq. x 10' Channel Brace

**horizontal bumper supports**

SL-15CVR	Support with 2 each 3 1/4" x 4" V-Rollers, 5' Stem
SL-15CVS	Support with 2 each 3 1/4" x 4" V-Rollers, 6' Stem

**aluminum stages**

SL-D2407	2 Ft. x 7 Ft. Aluminum Stage (2 Man)
SL-D2412	2 Ft. x 12 Ft. Aluminum Stage (2 Man)

**stage brackets**

SL-24SB	2 Ft. Stage Bracket
SL-24SBB	2 Ft. Stage Bracket w/Clip Lock
SL-48SB	4 Ft. Stage Bracket
SL-72SB	6 Ft. Stage Bracket

**guardrails**

SL-GR0800	1 1/2" Sq. X 80" Aluminum Guardrail
SL-GR0610B	1 1/2" Sq. X 61" Aluminum Guardrail
SL-GR1410	1 1/2" Sq. X 141" Aluminum Guardrail
SL-GR1220B	1 1/2" Sq. X 122" Aluminum Guardrail

**endrails**

SL-24ERL	Endrail 2 Ft., W/15ERL6
SL-48ERL	Endrail 4 Ft., W/15ERL6
SL-72ERL	Endrail 6 Ft., W/15ERL6

**guardrail posts**

SL-15GRP	1 1/2" Sq. X 48" Aluminum Guardrail Post
SL-71B48M	1 1/2" Sq. X 48" Perf. Steel Guardrail Post
SL-15GRPA	1 1/2" Sq. X 48" Aluminum Guardrail Post

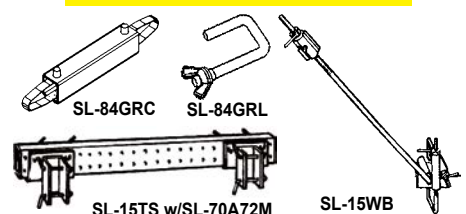
**ladder clamps**

SL-64A	Pipe Ladder Clamp
SL-64D	Side-Mounted Ladder Clamp
SL-64LC	Concrete Parapet Ladder Clamp

**wrap-around parapet scaffold components**

SL-15TS	Vertical Stem to Truss Connector
SL-70A72M	2" X 3" X 72" Wrap-Around Truss
SL-15WB	Wrap-Around Scaffold Diagonal Brace

**wrap-around parapet scaffold components**



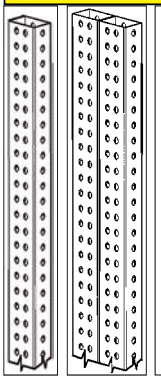
SL-84GRC

SL-84GRL

SL-15TS w/SL-70A72M

SL-15WB

**vertical stems**

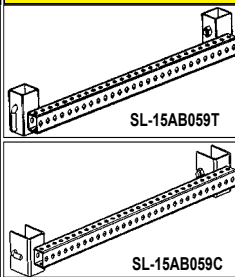


SL-70 SERIES (2X3)

SL-75 SERIES (2X6)

SL-76 SERIES (3X6)

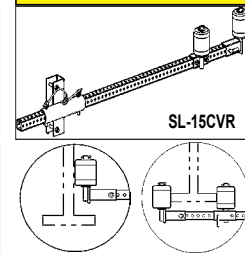
**horizontal braces**



SL-15AB059T

SL-15AB059C

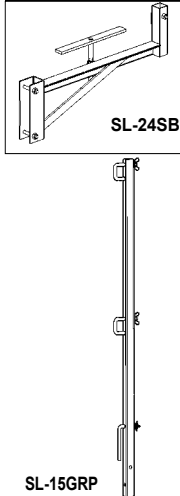
**horizontal bumper supports**



SL-15CVR

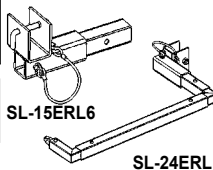
SL-D2412

**stage brackets**



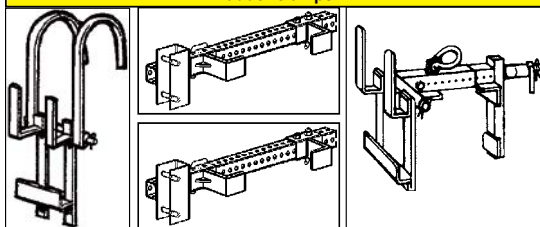
SL-24SB

SL-15GRP



SL-24ERL

**ladder clamps**



SL-64A

SL-64D

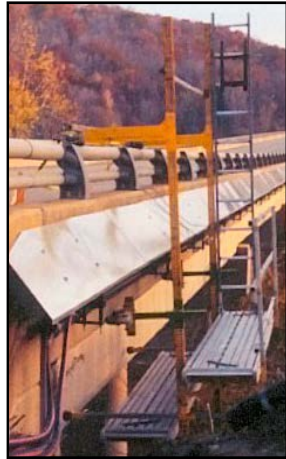
SL-64LC



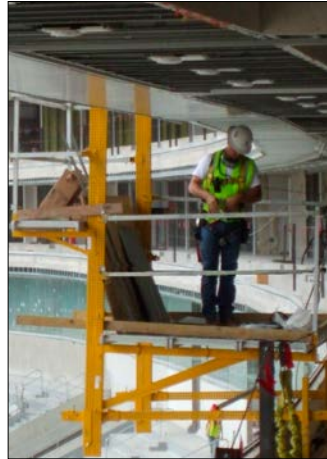
**parapet scaffold models**



SL-15A12D20



SL-15AA12D22



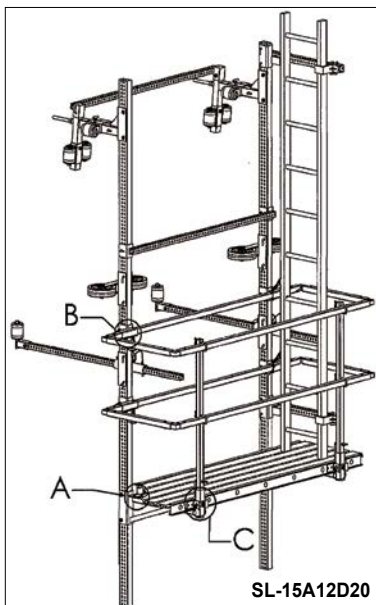
SLH-15A16D24



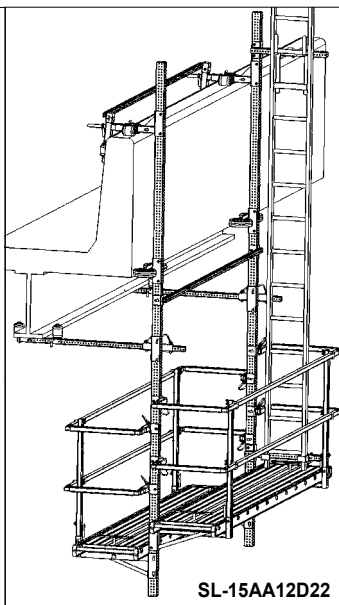
SLH-15X12D20

**Parapet Scaffold Models**

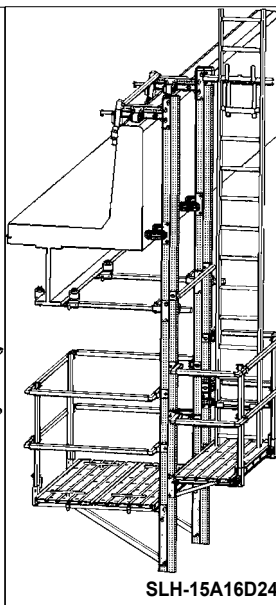
Model	Number of Decks	Scaffold Size (ft)	Stem Size (in)	Stem length (ft)	Wt (lbs)	SWL (lbs)
SL-15A12D20	1	2 X 7	2 X 3	12	350	500
SL-15AA12D20	1	2 X 12	2 X 3	12	402	500
SL-15A12D22	2	2 X 7	2 X 3	12	450	500
SL-15AA12D22	2	2 X 12	2 X 3	12	500	500
SLH-15A16D24	2	(1 ea. 2 X 7); (1 ea. 4 X 7)	2 X 6	16	600	750
SLH-15AA16D24	2	(1 ea. 2 X 12); (1 ea. 4 X 12)	2 X 6	16	650	750
SLH-15A20D26	2	(1 ea. 2 X 7); (1 ea. 6 X 7)	3 X 6	20	903	800
SLH-15AA20D26	2	(1 ea. 2 X 12); (1 ea. 6 X 12)	3 X 6	20	1013	800
SLH-15X12D20*	1	2 X UP TO 40	2 X 6	12	410	750



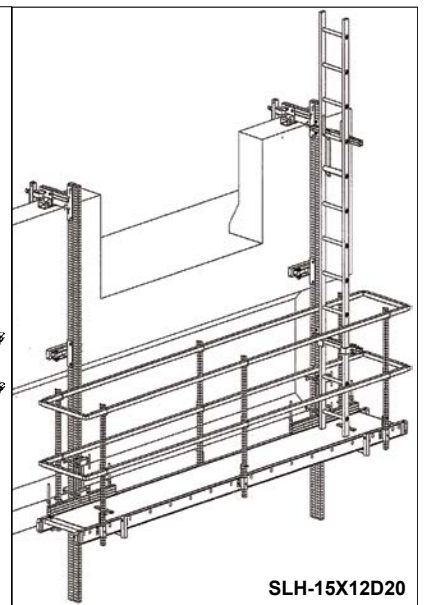
SL-15A12D20



SL-15AA12D22



SLH-15A16D24



SLH-15X12D20

all models equipped with rollers unless stated otherwise  
 \* stationary parapet scaffold; wheels are optional  
 \*\* ladder not included on any model

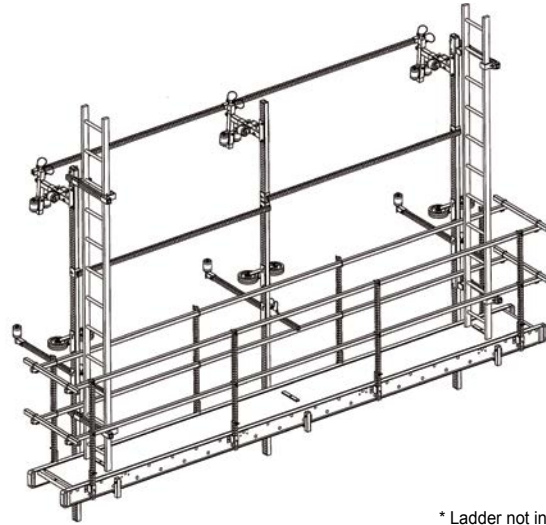


**expanded parapet scaffold**



The Expanded Parapet Scaffold allows for a longer platform by adding a middle Vertical Stem and replacing the stages with one longer one; in this case, increasing the deck size to twenty feet. Decks may be expanded up to forty feet on three Vertical Stems.

SL-15X320



\* Ladder not included

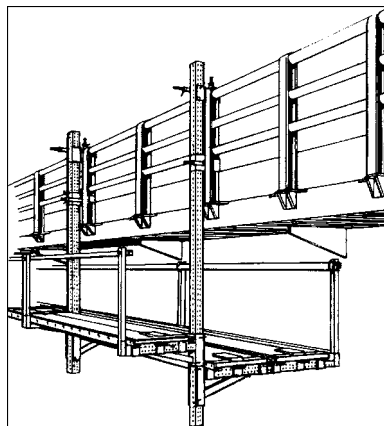
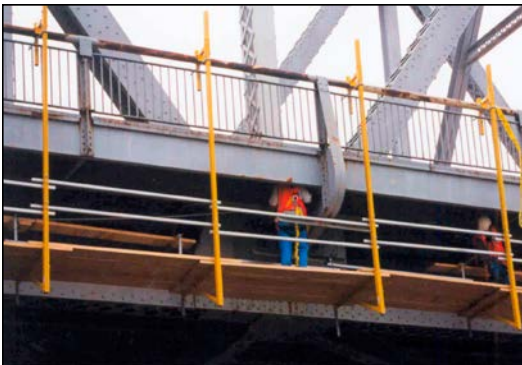
Expanded Parapet Scaffold		Wt	SWL
Model	Description	(lbs)	(lbs)
SL-15X320	2 ft. X 20 ft. Expanded Parapet Scaffold	980	750

**stationary catwalk parapet scaffold**

The SL-35AA assembly below is designed as a catwalk system, and is adaptable to most structural bridge rail designs.



SL-35AA



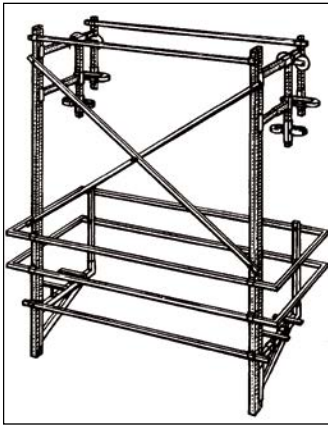
Stationary Bridge Rail Scaffold	
Part	Description
SL-35BRC	Stationary Upper Head Assembly
SL-7016	2" x 3" x 16' V-Stem
SL-24SB	24" Stage Bracket w/Board Locks
SL-48SB	48" Stage Bracket w/Board Locks

\* Ladder not included

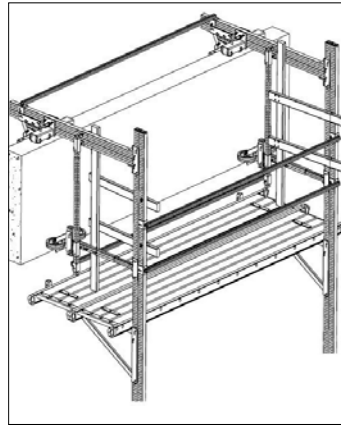


**extended parapet scaffold**

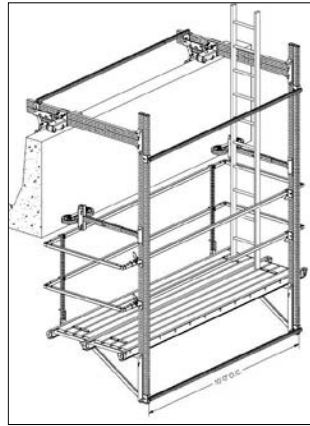
Cut the cost of stripping, sandblasting, and maintenance on bridges designed with overhangs. Swing-Lo's Extended Parapet Scaffold models are ideal for removing forms. The Upper Head Assembly extends the scaffold up to forty-eight inches away from the parapet, positioning the platform right where the work needs to be done without interfering with traffic below. Adaptable to most bridge rails or parapets. No special tools needed for erection.



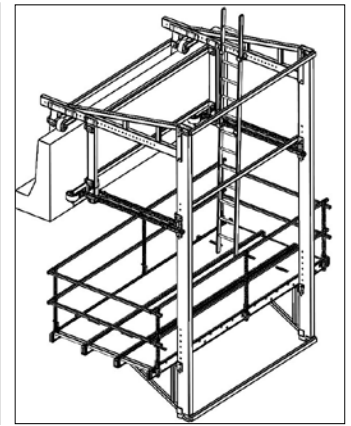
SL-25AA



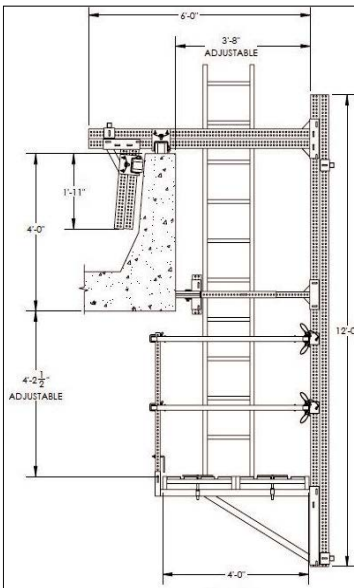
SLH-45AA



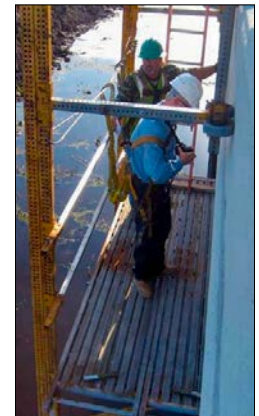
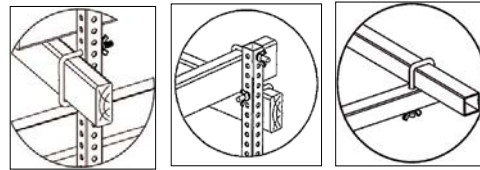
SLH-45AA2



SLH-55AA



Extended Parapet Scaffold					
Model	Size (ft)	Arm (in)	Stem (ft)	Wt (lbs)	SWL (lbs)
SL-25AA	4 X 12	36	16	882	500
SLH-45AA	4 X 12	44	8	783	750
SLH-45AA2	4 X 12	44	16	1120	750
SLH-55AA	7 X 16	48	20	1320	800

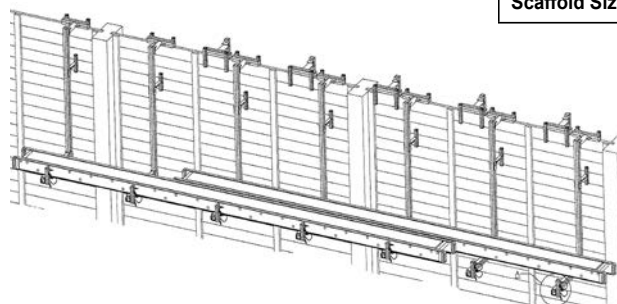


**noise barrier wall scaffold**

The Noise Barrier Scaffold offers multi-elevations and choice of rolling and non-rolling. The system is designed for fourteen-inch aluminum stages with lengths up to thirty-two feet. Safe Working Loads of up to seven hundred and fifty pounds.



SL-85NBS



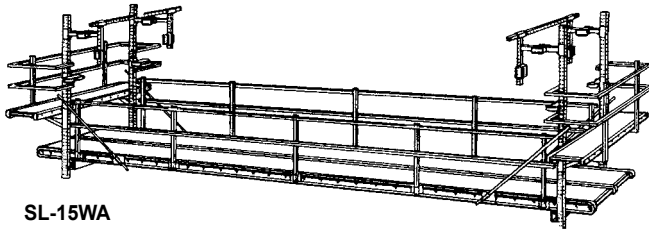
Noise Barrier Wall Scaffold (rolling/non-rolling)	SL-85NBS SWL (lbs)
Barrier Size (in): 8 - 15 Scaffold Packaged weight (lbs): 371 Scaffold Size: 14" X 32' (2)	750/elevation distributed load





**wrap-around parapet scaffold**

The SL-15WA Wrap-Around Parapet Scaffold lets you maximize the efficiency of your work force. Wrap-Around design lets you simultaneously work along both sides of the bridge AND underneath it. Roller Clamps let you reposition the scaffold as work progresses.



SL-15WA

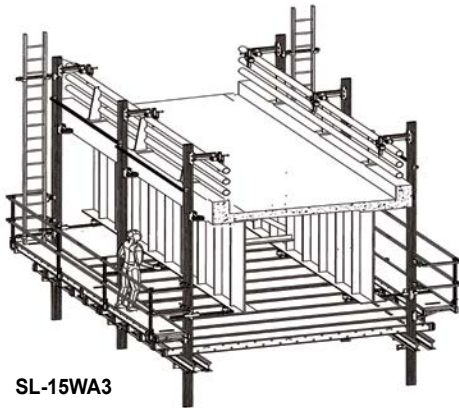
**wrap-around parapet scaffold**

Model	Access deck size (ft)	Deck width (ft)	Stem size (in)	Stem length (ft)	Wt (lbs)	SWL (lbs)
SL-15WA	2 X 7	to 40	2 X 3	16	900	750

\* Ladder not included

**expanded wrap-around parapet scaffold**

The size of the working area can be significantly increased by adding more components to the Expanded Wrap-Around Parapet Scaffold. Another benefit is to increase the distributed Safe Working Load. This system is truly versatile.



SL-15WA3

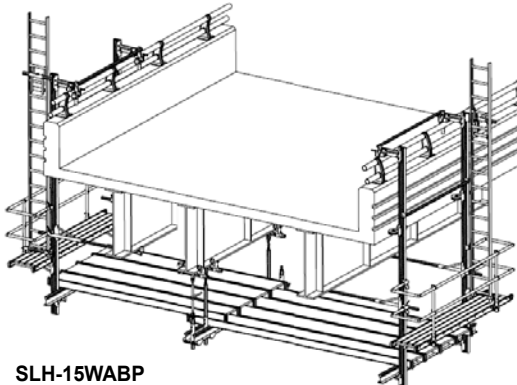
**wrap-around parapet scaffold (three vertical stems)**

Model	Access deck size (ft)	Deck width (ft)	Stem size (in)	Stem length (ft)	Wt (lbs)	SWL (lbs)
SL-15WA3	2 X 24	to 40	2 X 6	16	1380	750+

\* Ladder not included

**heavy duty wrap-around parapet scaffold w/connecting by-pass scaffold**

When the width of the bridge prevents you from using the standard wrap-around Parapet Scaffold (SL-15WA), just add the intermediate rolling system. When there are floor beams, diaphragms, or other obstructions, include the By-Pass attachments. This system offers strength and flexibility.



SLH-15WABP

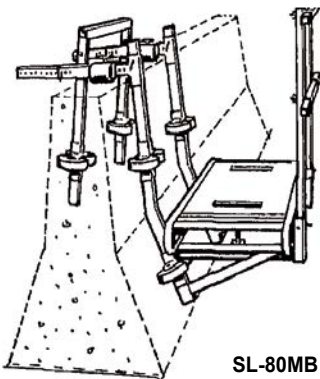
**wrap-around parapet scaffold w/connecting by-pass system**

Model	Access deck size (ft)	Deck width (ft)	Stem size (in)	Stem length (ft)	Wt (lbs)	SWL (lbs)
SLH-15WABP	2 X 12	40	2 X 6	16	1273	750+

\* Ladder not included

**median barrier scaffold**

The Median Barrier Scaffold provides a rolling platform on the median Jersey barrier from which the worker has access to finishing details on fresh concrete road surfaces. It helps in reducing worker fatigue from hanging over the barrier. The scaffold places the worker approximately 12" to 18" above the roadway.



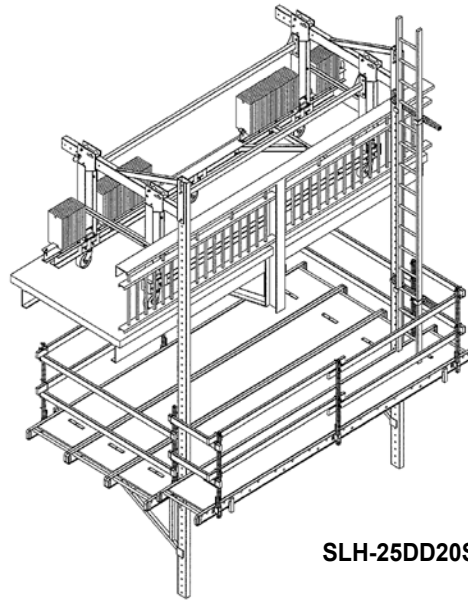
SL-80MB

Median Barrier Scaffold	SL-80MB
Barrier Size (in): 8 - 15 Scaffold Packaged weight (lbs): 160 Scaffold Size (ft): 2 X 7	SWL (lbs): 500 distributed load

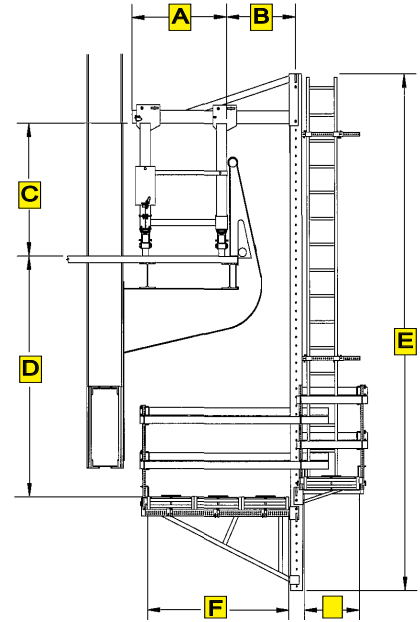


**counterweight over-hang scaffold**

The Counter-weight Overhang Scaffold is ideal for accessing areas up to seven feet under the bridge from the bridge fascia. A two foot access platform is included.



SLH-25DD20S4

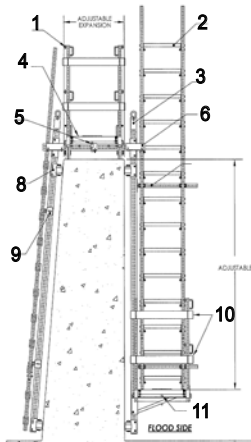
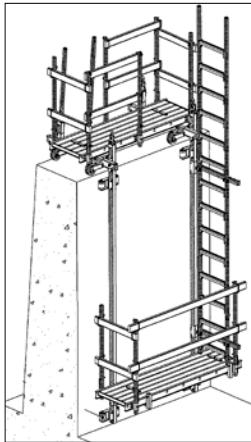


\* counterweights not included

counterweight overhang cart scaffold all dimensions (in)										SWL
Model	A	B	C	D	E	F	G	Lgt	Wt*	(lbs)
SL-25DD10S2	55.50	24	63	72	192	24	24	120	2430	500
SL-25DD10S3	55.50	24	63	72	192	72	24	120	2595	500
SL-25DD16S3	50.50	24	62	72	240	56	29	192	2789	800
SLH-25DD20S4	81.00	36	96	72	240	85.5	29	192	3333	800

**retaining wall scaffold**

The Retaining Wall Scaffold allows for access to the top of the wall and both sides of the wall. Specify the width and length of all decks.



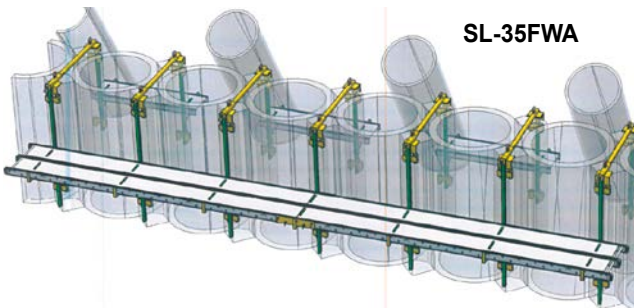
retaining wall						
Model	Scaffold Size (ft)	no.	Stem Size (in)	Stem Lgth (ft)	Wt (lbs)	SWL (lbs)
SL-712RWS	2 X 7	2	2 X 3	16	322	500

SL-712RWS

legend	
1	Guardrail Post
2	Ladder
3	Stem w/lifting eye
4	Aluminum Stage
5	Stage Lock
6	Upper Head w/rollers
7	Ladder Clamp
8	Side-Roller Assembly
9	Channel Brace
10	Wood Guardrail
11	Stage Bracket

**flood wall access scaffold**

Access modular support brackets on both sides of floodwall cylinder piles for final steelwork and concrete pours. A series of pre-assembled scaffolds, configured for single leapfrog lifts, facilitates increased productivity for final steel rebar placements and intermediate sealing work between piles. The system includes anti-rocking pads, and is adjustable vertically. A single tightening mechanism is included to virtually eliminate what little sway exists in the assembled scaffolds. Standard platform widths are two feet and four feet, with aluminum stage lengths that can match pile center lines. The scaffolds can be engineered to support the contractor's load requirements. Guardrails are included.



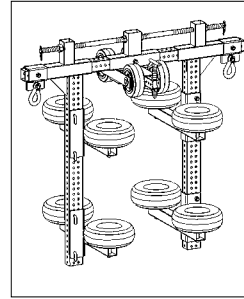
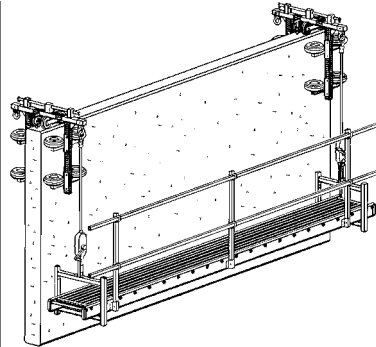
SL-35FWA

flood wall access scaffold				
Model	Scaffold size (ft)	Stem size (in)	Stem Lgth (ft)	wt (lbs)
SL-35FWA	4 X 40	2 X 3	12	868

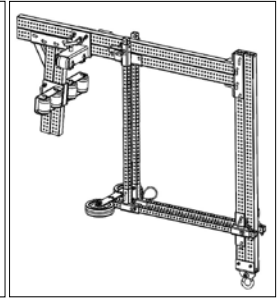


**barrier wall scaffold**

The rolling Barrier Wall Clamp models are used with other components to create a stable and effective work platform. Add the CHD-101 Stage Hangers, an aluminum stage, guardrail system, and winches to complete the package.

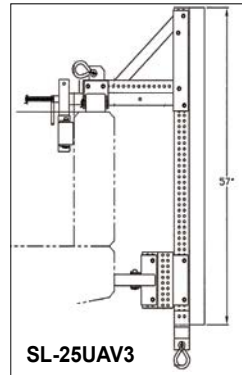


SL-80DHV2



SL-25UAV

Rolling Barrier Wall		Expansion	Width	Weight	SWL
Model	Description	(in)	(in)	(lbs)	(lbs)
SL-80DHV2	Winch Dbl-side Clamp	14 - 24	8.5 - 18	245	1000
SL-25UAV	Extended Parapet Clamp	12 - 36	6 - 18	260	1000
SL-25UAV3	Extended Parapet Clamp	12 - 24	12 - 24	174	1000
SLH-25UAV4	Material Lift Parapet Clamp	24 - 36	12 - 15	581	5000



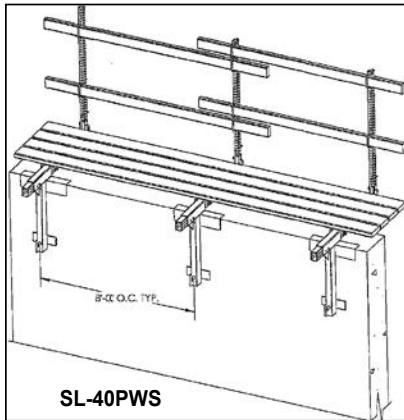
SL-25UAV3



SLH-25UAV4

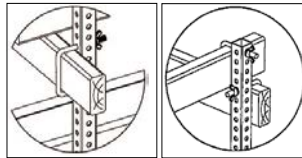
**parapet walkway system**

The Parapet Walkway System provides a twenty-four inch wide walkway on the top of the concrete parapet. Space the brackets 8 ft. on center, and then used aluminum stages or Scaffold Grade Planks to create a safe and effective platform for the worker.

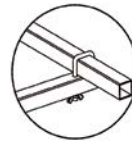


SL-40PWS

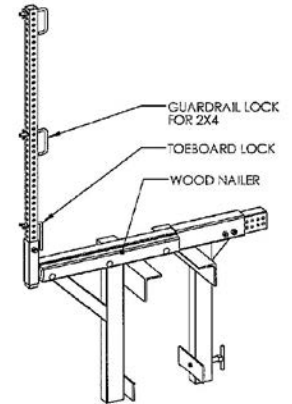
Parapet Walkway System	
Model	Description
SL-40PWS	1 each Parapet Walkway Bracket with Guardrail Post and wood rail locks (2 ea.)
<b>Wt (lbs): 44</b>	<b>Spacing: 8 ft. on center</b>



Wood guardrail (2" X 4") option  
Using SL-35D rail lock (for 2 X 4 wood rail)

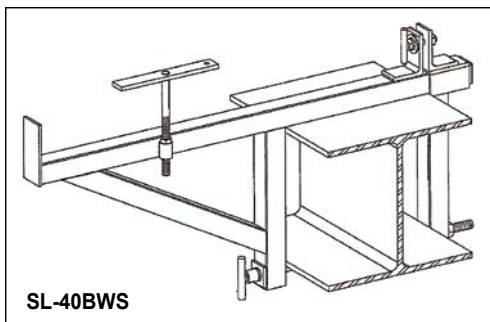


Aluminum guardrail (1.50" sq.) option  
Using SL-84GRL3 endrail lock



**girder walkway system**

The Girder Walkway is adaptable to most structures, including I-beams, chords, and Trusses. Each bracket is spaced 8 ft. on center, with a twenty-four inch wide aluminum stage as the deck. Guardrails are attached to the aluminum walk board.



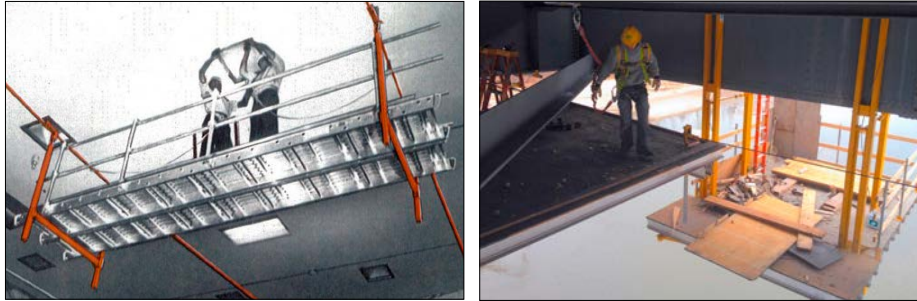
SL-40BWS

Girder Walkway System	
Model	Description
SL-40BWS	1 each Girder Walkway Bracket with Board Lock
<b>Wt (lbs): 36</b>	<b>Spacing: 8 ft. on center</b>



**cable scaffold**

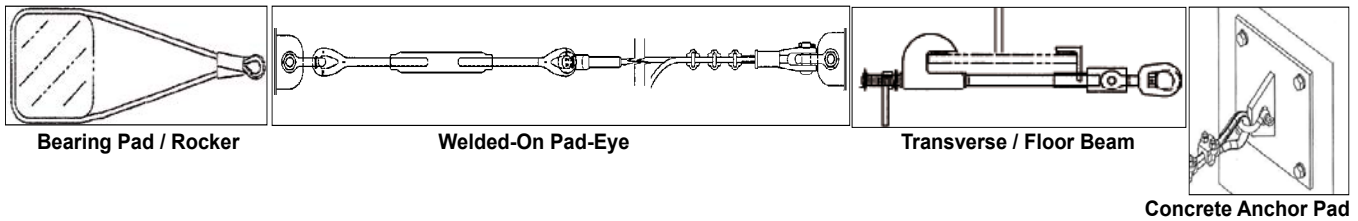
The Cable Scaffold System is the most versatile scaffold system on the market today. When obstructions prevent continuous horizontal travel of the suspended scaffold, the suspended Cable Scaffold System is the solution. There is no limit to the length of the wire rope that can be used. Swing-Lo supplies all engineering data relating to the safe installation and use of this system. We also help in configuring the scaffold based upon the customer's requirements.



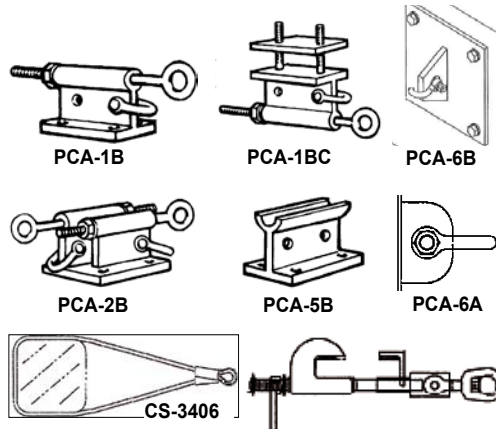
**STEP 1**

**After determining your suspended scaffold size (width, length, height) and safe working load (SWL) needed, choose one of four methods of anchoring the wire rope**

It is the client's responsibility in determining the anchor point adequacy. The wire rope anchor connection must not damage or weaken the structure it is attached to. Also, the wire rope must be in excellent condition and not frayed or kinked.



**anchors**



Anchors		
Model	Description	Wt (lbs)
PCA-1B	Single Barrel Anchor Clamp	40
PCA-1BC	Girder/Chord Anchor Clamp	49
PCA-2B	Double Barrel Anchor Clamp	55
PCA-5B	Half Barrel Anchor Clamp	38
PCA-6A	Steel Welded Pad-Eye	32
PCA-6B	Concrete Anchor Plate	38
CS-3406	3/4" diameter x 6' Sling w/swaging	10
SP-12M	Anchor Beam Clamp (10"-24") expansion	40



**STEP 2**

**Choose size and length of wire rope (yoke swaged on one end)**

Wire Rope Class 6 X 19 or 6 X 26 IWRC		
Size Ø	Breaking Strength (lbs)	wt/ft
1/2"	29,200	.42
9/16"	37,000	.59
5/8"	45,400	.72

The wire rope is tensioned from one end ( non-swaged end) only. Typically, the size of the wire rope used is based upon the rated capacity of the suspended scaffold and the overall use of the system. For example, use 1/2" - 9/16" wire rope when a light-duty suspended scaffold is needed, and larger wire rope size when a medium to heavy-duty scaffold is required.

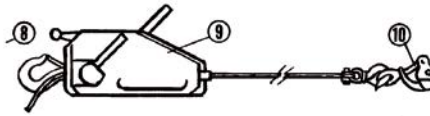


**STEP 3**

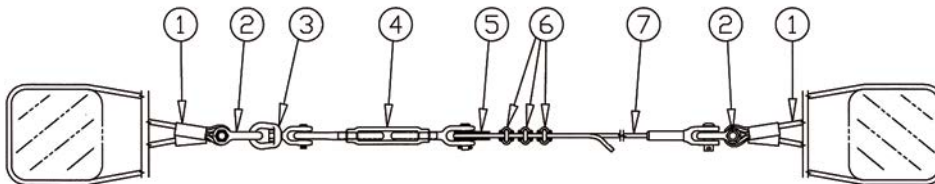
**Install and tension wire rope**

Start with the swaged end of the wire rope; attach to the anchor, and unspool from the roadway, weaving around obstructions with the un-swaged end of the wire rope as necessary. It is important to maintain control of the wire rope at all times. Ensure the wire rope is cradled in the Sag Clamp channel. At the anchor point of the non-swaged end, loop the wire rope through the wedge socket (4), place the wire rope puller/cable grip on the wire rope, and attach the tensioning device. Tension the wire rope to specification.

**WIRE ROPE INSTALLATION**

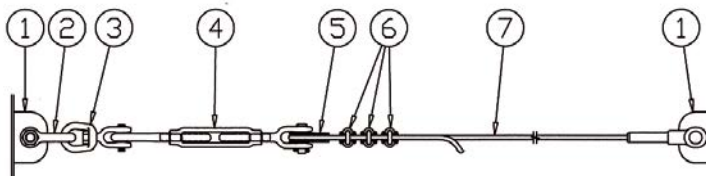


**wire rope choker anchor installation**



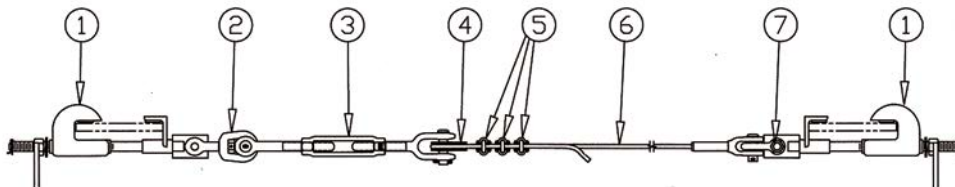
Choker Anchor	
1	Wire Rope Choker Anchor
2	Anchor Shackle
3	Swivel Jaw
4	Residual Slack Tensioning Turnbuckle
5	Solid Wire Rope Thimble
6	Wire Rope Clamps
7	Wire Rope

**steel pad-eye anchor installation**



Pad-Eye Anchor	
1	Steel Pad-Eye Anchor
2	Anchor Shackle
3	Swivel Jaw
4	Residual Slack Tensioning Turnbuckle
5	Solid Wire Rope Thimble
6	Wire Rope Clamps
7	Wire Rope

**steel girder anchor installation**



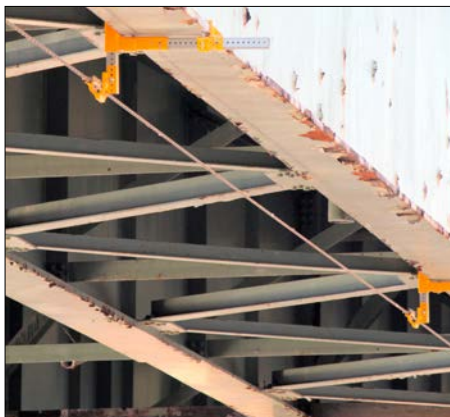
Steel Girder anchor	
1	Steel Girder Anchor Clamp
2	Swivel Jaw
3	Residual Slack Tensioning Turnbuckle
4	Solid Wire Rope Thimble
5	Wire Rope Clamps
6	Wire Rope
7	Anchor Shackle

**STEP 4**

**Choose and install Sag Clamp**

Install the Sag Clamps every 60 to 70 feet, starting from the anchor point. It is important to place the sag clamp in the same plane as the wire rope, since they will support the wire rope from sagging beyond the acceptable range.

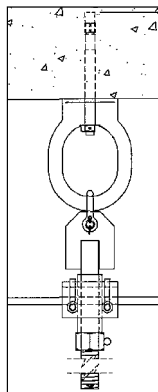
The SL-59S Cable Sag Clamp allows the SL-59CI and SL-69CI rollers to travel through the sag device without by-passing, jumping, or removing the device; saving time and money for the contractor.



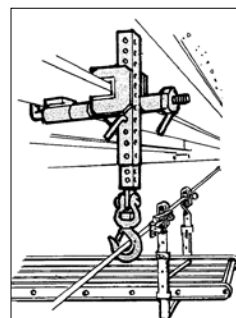
**Sag Clamps**

Model	Description	Wt (lbs)
SL-39S	Concrete Insert Sag Clamp	38
SL-49S	I-Beam Sag Clamp	29
SL-59S	HD Pass-Thru Sag Clamp	47

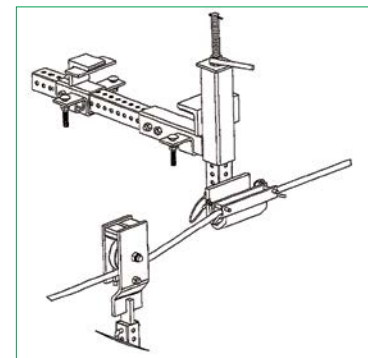
**sag clamps**



SL-39S



SL-49S



SL-59S



**cable scaffold components**

**wire rope installation and tensioning components**

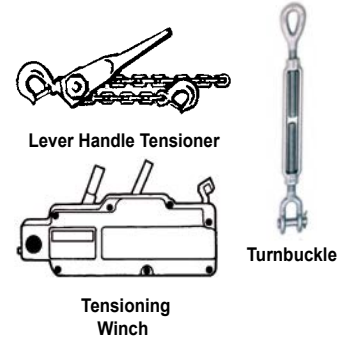


**wire rope installation components**



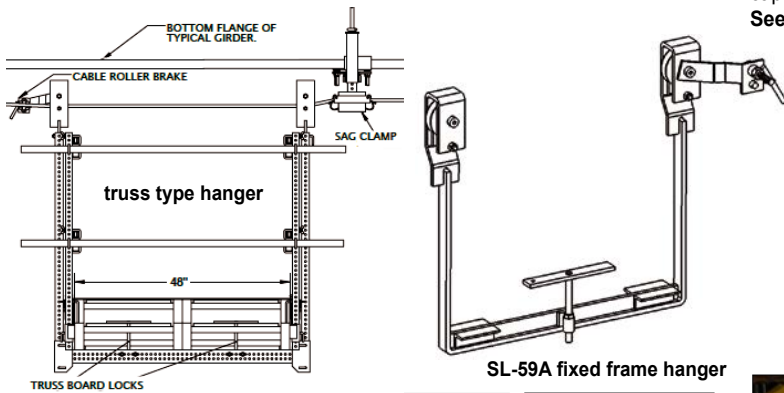
Wire Rope Installation Components		
Model	Description	Wt (lbs)
CL-46	1" Bolt-Type Anchor Shackle*	6
SJ-34	Jaw End Swivel	4
FG-12	Fist Grip® Clip - 7/16-1/2"	.62
FG-58	Fist Grip® Clip - 9/16-5/8"	1.03
WS-12	Wedge Socket - 1/2" w/Terminator	1.74
WS-58	Wedge Socket - 9/16-5/8" w/trmtr	2.94
KT-4600	.30" - .80" Wire Pulling Grip, 10k	7
ST-12	Solid Wire Rope Thimble - 1/2"	.61
ST-58	Solid Wire Rope Thimble - 9/16-5/8"	2.21
TM-800	9/16" - 3/4" for 19 strand	18
SL-092152	Tnbckle 1.25" X 24" J&E Galv.	29
Wire Rope Tensioning Components		
SL-3TLOH	3T Lever Handle Tensioner	55
SL-6TLOH	6T Lever Handle Tensioner	83
SL-092152	Turnbuckle, 1.25" X 24" J&E Galv.	29
SL-532	8k Winch w/30' Wire Rope	77

**tensioning components**



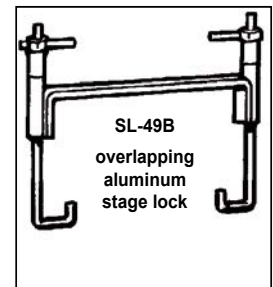
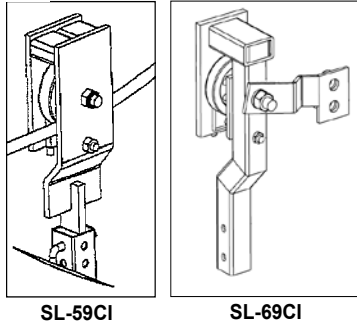
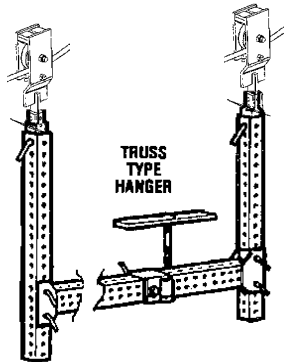
**STEP 5 install the rolling cable suspended scaffold**

The Cable Scaffold System comes in various hanger types and load capacities - from 500 lb Safe Working Load to 2000 lbs or more: See pages 53-56 for components.



- The adjustable Stem and Truss scaffold for aluminum stage
- The Fixed Frame Hanger for aluminum stage
- The adjustable Stem and Hanger scaffold for aluminum beam and stage

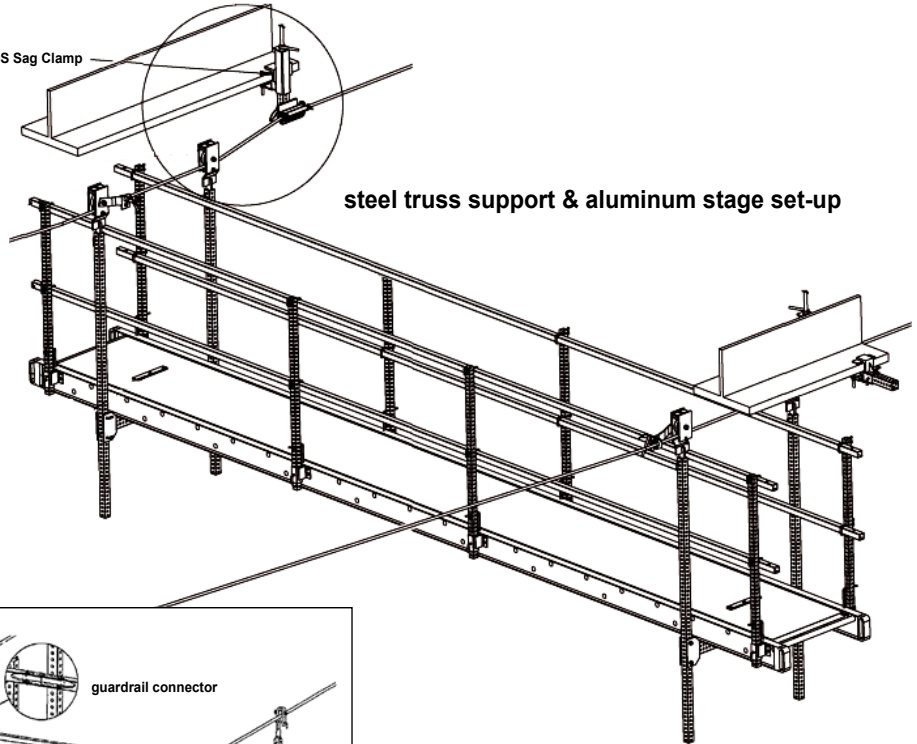
Cable Scaffold Hangers		SWL	Wt
Model	Description	(lbs)	(lbs)
SL-59A	29" Base x 22" Fixed Hanger	1k	33
SL-59CI	Assembly, 2 w/Brake	1k	50
SL-69CI	HD Assembly, 2 w/Brake	2k	55



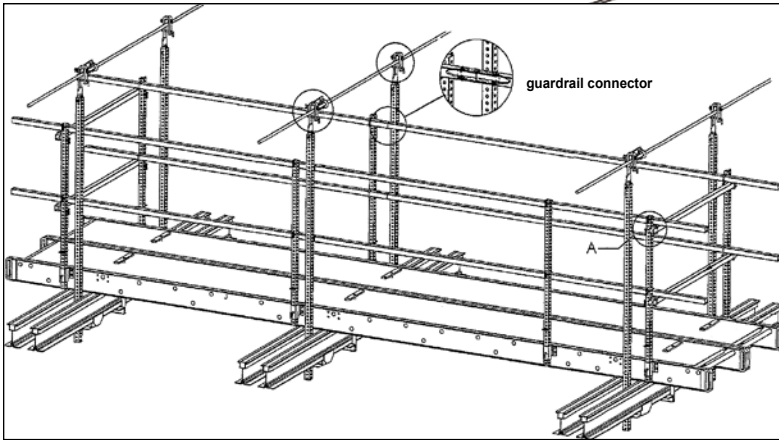
**cable scaffold assembly**



SL-59S Sag Clamp



steel truss support & aluminum stage set-up

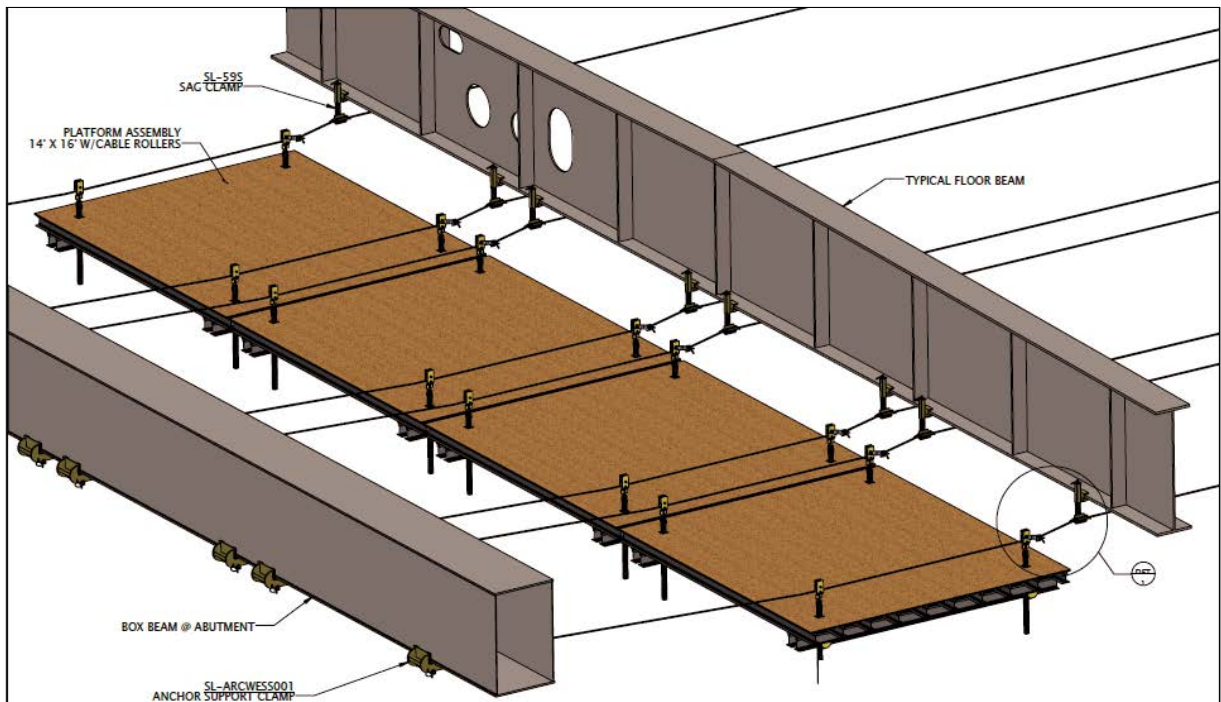


guardrail connector

aluminum beam support & aluminum stage set-up

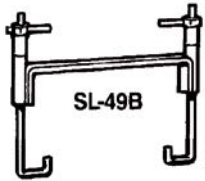
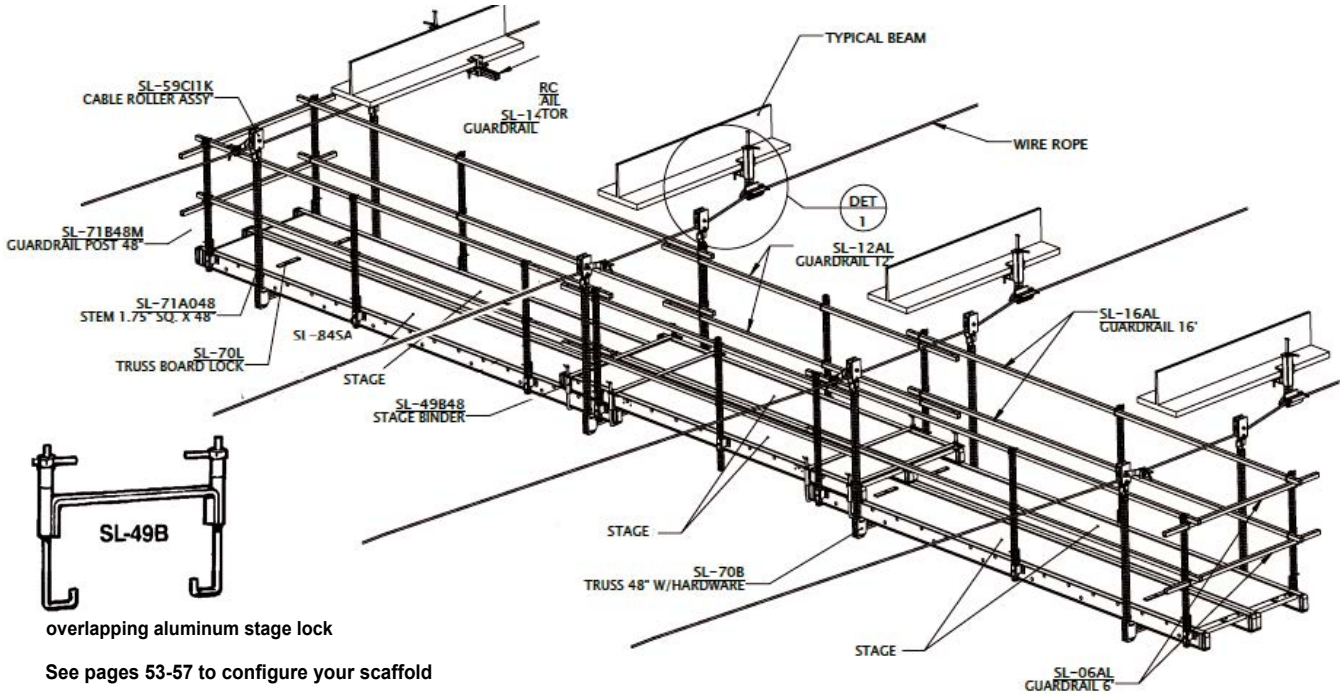
<b>Rolling Cable Suspended Scaffold</b>	<b>SL-59C11k</b>
Scaffold Packaged weight (lbs): 688	SWL (lbs): 750
Scaffold Size (ft): 2.33 X 32	distributed load

<b>Rolling Cable Suspended Scaffold</b>	<b>SL-59C11k</b>
Scaffold Packaged weight (lbs): 860	SWL (lbs): 1000
Scaffold Size (ft): 4 X 32	distributed load



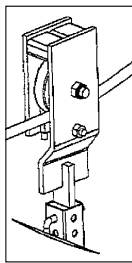
**cable scaffold assembly**

The cable scaffold can be used in many situations, including access to hard-to-reach skylights or atriums without tying up floor space below. On highways, work can proceed without affecting traffic.

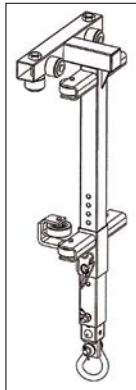


overlapping aluminum stage lock

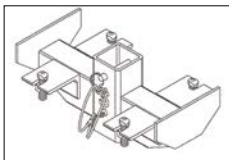
See pages 53-57 to configure your scaffold



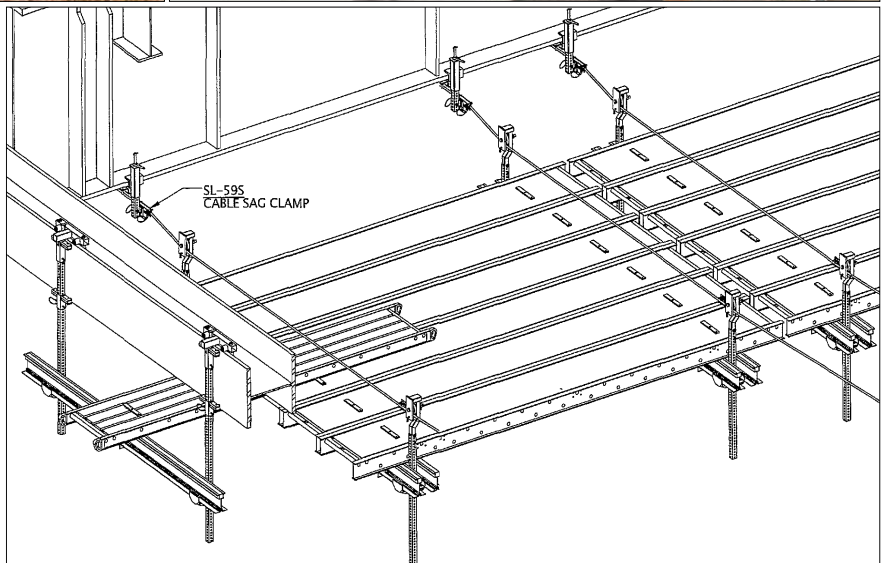
SL-59C1



SL-BCR48B



SLP-702TSB4



rolling cable scaffold (12 ft. X 20 ft.) with connecting scaffold to outside chord

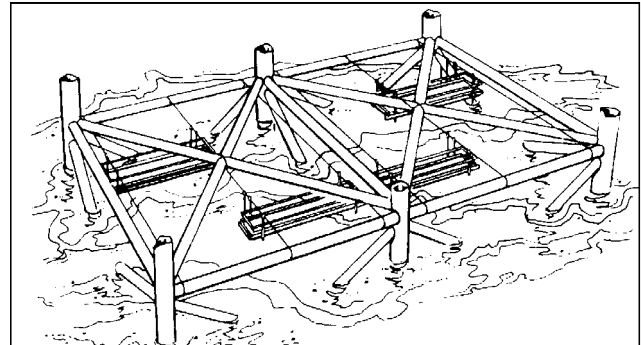




**rig scaffold systems**

Temporary or permanent suspended scaffold decks can be erected with attention given to a type of scaffold system best suited for a particular area. We will custom design and fabricate to meet a specific scaffold need

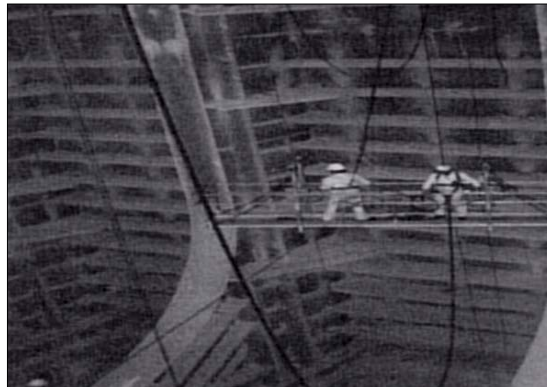
inspect and maintain all underside areas of an oil rig



Swing-Lo Cable Scaffold is most effective where structural beams are not available for supporting a scaffold working deck. Cable trollies are anchored on both ends to support a rolling working deck. All Cable Scaffolds are equipped with brakes to maintain working position.

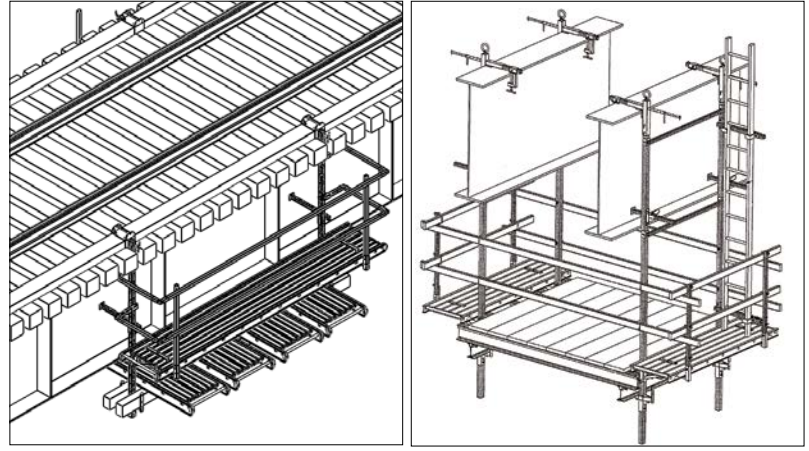
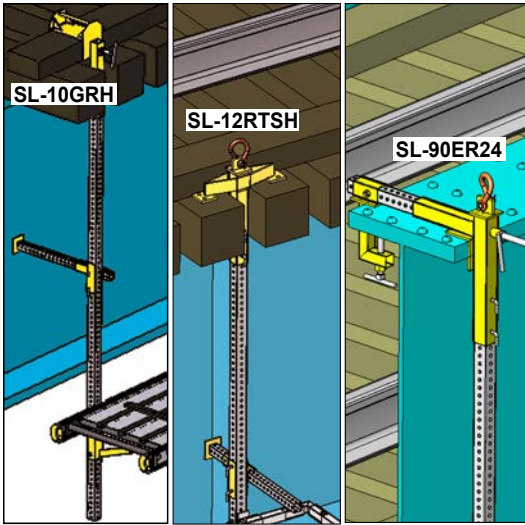
**tanker ballast scaffold**

When ballast tanks of cargo vessels need to be repaired or maintained, the Cable Scaffold system is a solution. All interior surfaces of the tank can be reached by horizontal as well as vertical travel of the access platform. In fact, there is no need to dock the vessel while maintenance or repairs are carried out; the installation and use of the system happens during transit of valuable cargo.

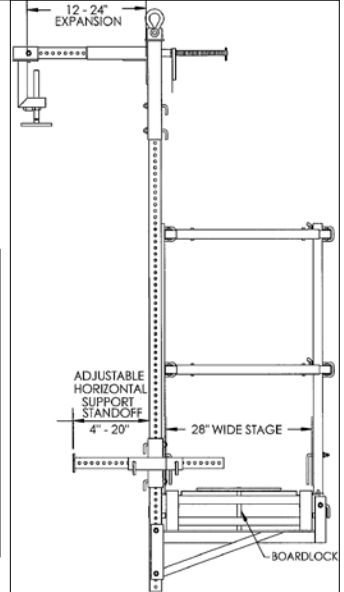
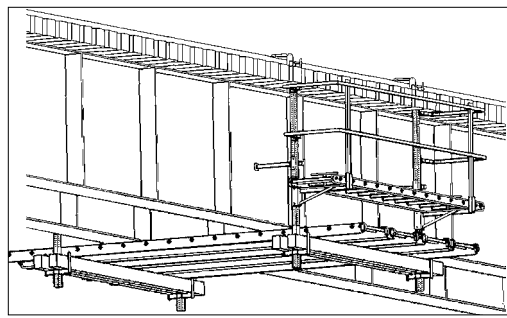
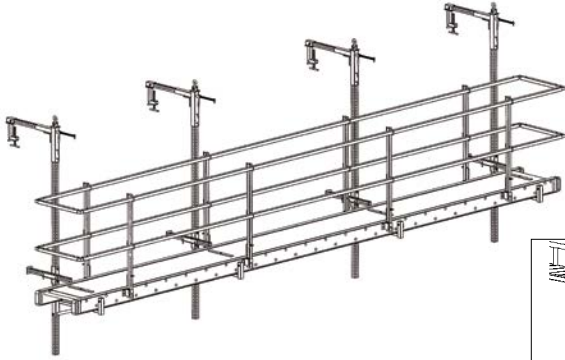
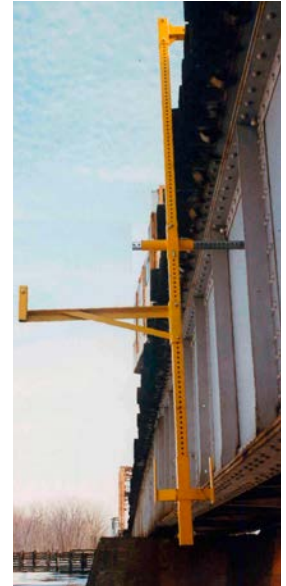


**railroad scaffold systems**

The standard railroad scaffold system offers three upper head assemblies. Attachments can be made to the guide rail, the rail ties, or the top flange of the steel girder. The height of the scaffold can be adjusted along the vertical stem. Easy access to all areas of the railroad bridge is achieved when the modular components are properly assembled and erected.



Railroad Scaffold System			
Top Support	Mid Support	Vertical Stem	Deck Support
<b>Top Girder Clamp: SL-90ER24</b> 1. Attach to structural plate girder 2. 12" - 24" Flange width x up to 5.75" thick 3. Lifting Eye for crane setup	<b>Horizontal Support: SL-1515CA</b> 1. Supports Vertical Stem from web 2. 4" - 20" braced from the web	<b>Vertical Stem: SL-71C96, SL-71C144</b> 2" x 2" x 8' or 12' galvanized perforated, holes 1" on center.	<b>Stage Bracket: SL-28SBB</b> 28" platform width
<b>Guardrail Timber Clamp: SL-10GRH</b> 1. Attach to Guardrail timber 2. Fits Guardrail timbers 8" wide x 4" high 3. Lifting Eye for crane setup	<b>Horizontal Support: SL-1515CA</b> 1. Supports Vertical Stem from web 2. 4" - 20" braced from the web	<b>Vertical Stem: SL-71C96, SL-71C144</b> 2" x 2" x 8' or 12' galvanized perforated, holes 1" on center.	<b>Stage Bracket: SL-28SBB</b> 28" platform width
<b>Rail Tie Drop-Thru Hanger: SL-12RTSH</b> 1. Assembly drops through rail ties 2. Fits minimum opening of 2.75" 3. Lifting Eye for crane setup	<b>Tie Support Mid Brace: SL-12TSH</b> 1. Braces from bottom of tie 2. Adjusts 4" - 8"	<b>Vertical Stem: SL-71C96, SL-71C144</b> 2" x 2" x 8' or 12' galvanized perforated, holes 1" on center.	<b>Hanger: SL-702RRH</b> Support for 4" X 6" wood
<b>Concrete Rail Clamp: SL-35BRC1</b> 1. Clamp to concrete railing 2. 8" - 14" width, 8" fixed fascia standoff 3. Lifting Eye for crane setup	<b>Horizontal Support: SL-1515CA</b> 1. Supports Vertical Stem from web 2. 4" - 20" braced from the web	<b>Vertical Stem: SL-71C96, SL-71C144</b> 2" x 2" x 8' or 12' galvanized perforated, holes 1" on center.	<b>Stage Bracket: SL-28SBB</b> 28" platform width

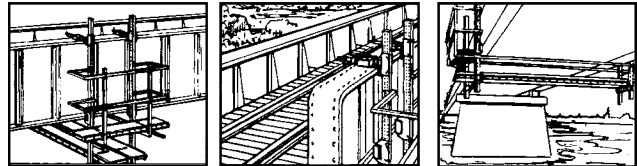


**thru-girder wrap-around scaffold**

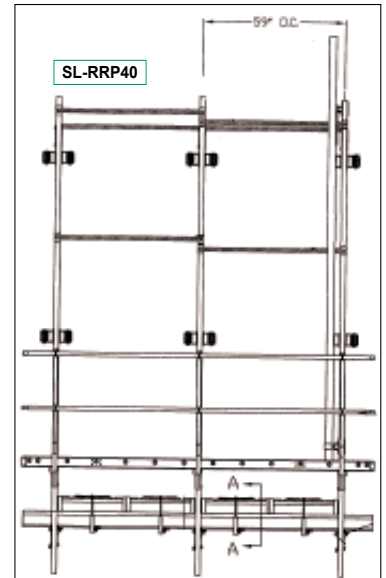
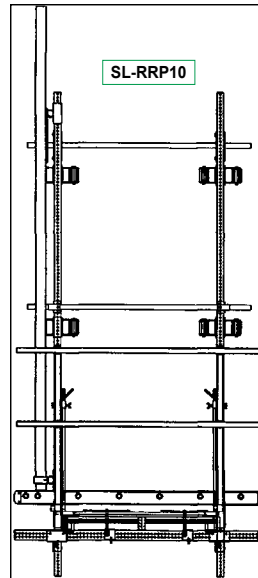


The Thru-Girder Wrap-Around Scaffold is designed to provide access to all sides of a Thru-Girder railroad bridge. The safe working load may be increased by adding vertical stems. The standard two stage (fifty-six inches) cross scaffold reaches up to thirty-nine feet.

Thru-Girder Wrap-Around Parapet Scaffold					
Model	Access Scaffold Size (ft)	Scaffold width (ft)	Stem length (ft)	Wt (lbs)	Distributed SWL (lbs)
SL-RRP10	2 X 7	4.67 X up to 39	16	614	1000
SL-RRP40	2 X 12	9.33 X up to 39	16	938	2000

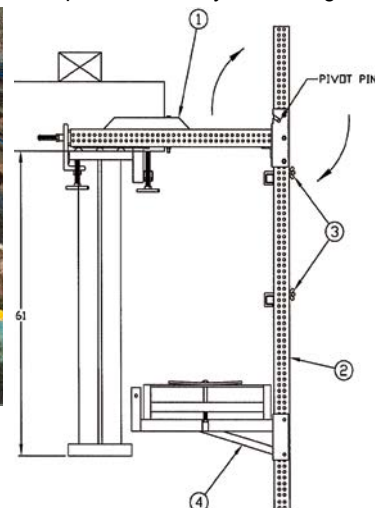


\* Ladder not included



**extended girder scaffold**

The Extended Girder Scaffold provides a safe access to the girder's fascia with a built-in ladder clamp (just supply the ladder). Spaced up to 10 feet apart, the standard 10-foot hinged vertical stem makes it easy for one person to install. This modular scaffold allows increased scaffold length along the structure. Two clamp expansions available: 5"-11" and 12" - 18"; up to 26.5" away from the girder. Aluminum or wood guardrails may be used.



SL-90EGC Extended Girder Scaffold		
Part	Description	Qty
90EGC1-2	Upper Head Bracket 5-18" Exp.	2
SL-7010	2" X 3" X 10' Vertical Stem	2
SL-15AAB-A	10' Adjustable horizontal Brace	2
SL-24SB	24" Stage Bracket w/Bd Lck	2
SL-64DM	Front Mounted Ladder Clamp	1
SL-10AL	10' Aluminum Guardrail	2

SL-90EGC



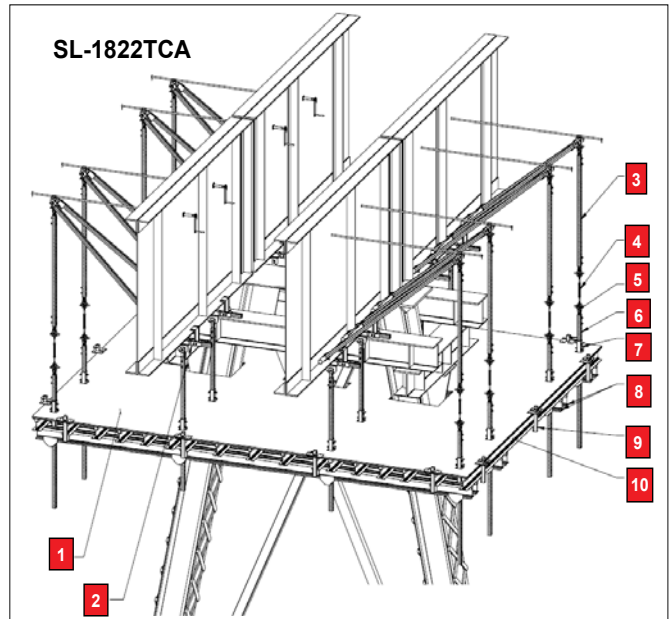
**tower cap access scaffold**



This suspended scaffold is designed to provide a wide platform for changing out cap plates on railroad bridge tower bents. Main features of this system are:

- Pre-assembled components lifted into place on the girders
- Supported cantilevers with 100 lbs/sq.ft. Safe Working Loads
- "A-Frame" supports that match adjustments of girder supported scaffold components used in raising and lowering the scaffold for cap plate replacements.

A complete system includes aluminum beam structural supports that are spaced to allow for diagonal cross bracing, fire retardant plywood decking with anti-slip safety paint, and wood perimeter guardrails.



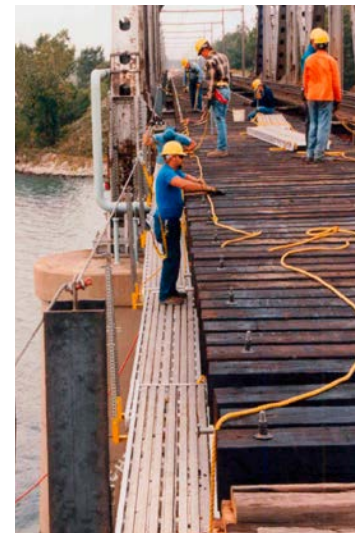
SL-1822TCA Tower Cap Access Scaffold			
Part	Description	Qty	
SL-54DS5A	Beam Clamp, 12-24" Exp., 4k RL, 5.5" Jaw	8	
SL-65CHD20	Clamp Stem Connector, 12k	24	
SL-71CX072	Stem, 2" Sq. X 72", 12k	16	
SLP-71CX12	Beam Support Hanger, 12k	16	
SL-206200A	Angle Brace Support	8	
SL-0921145	Turnbuckle, E&E, .62 X 6	8	
SL-BM650X018	Aluminum Beam, 6.5" X 18' w/plastic nailer	13	
SL-BM650X0220	Aluminum Beam, 6.5" X 22' w/plastic nailer	8	
SL-BM650X008	Aluminum Beam, 6.5" X 8' w/plastic nailer	8	
SL-BM650X0035	Aluminum Beam, 6.5" X 3.5' w/plastic nailer	4	
SL-84ABU	Guardrail Post Adaptor	14	
SL-0929257	Beam Clip & T-Bolt Assembly	320	
<b>Wt: 1840 lbs</b>		<b>SWL: 100 lbs/ sq. ft.</b>	

**open deck catwalk scaffold**

The Open Deck Catwalk Scaffold is ideal for replacing railroad track ties. Expand the length of the catwalk by adding girder clamps and brackets.

*"The railroad industry will benefit greatly...the scaffolding will work on the majority of Open Deck railroad bridges."*

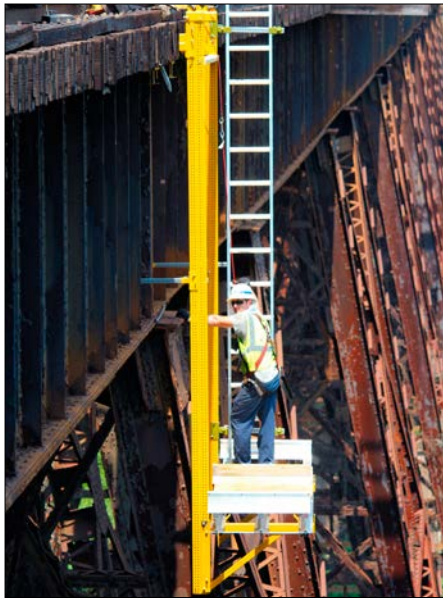
Supervisor of Bridges,  
Commuter Transportation District



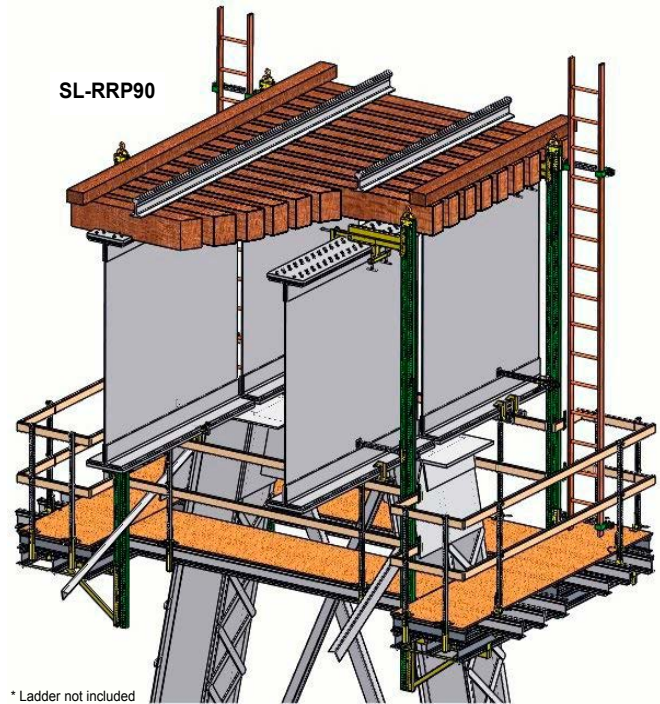
Open deck Catwalk Scaffold	
Part	Description
SL-90ER24	Top Girder Clamp
SL-71C96	Vertical Stem, 8'
SL-28SBB	Stage Bracket
SL-1515CA	Horizontal Support



**open deck wrap-around scaffold**



The Open Deck Wrap-Around Scaffold is designed to provide access to all sides of a railroad bridge. Fully adjustable in width and height with access ladder clamps, the system may be used in a single side configuration, or as a full wrap-around scaffold.



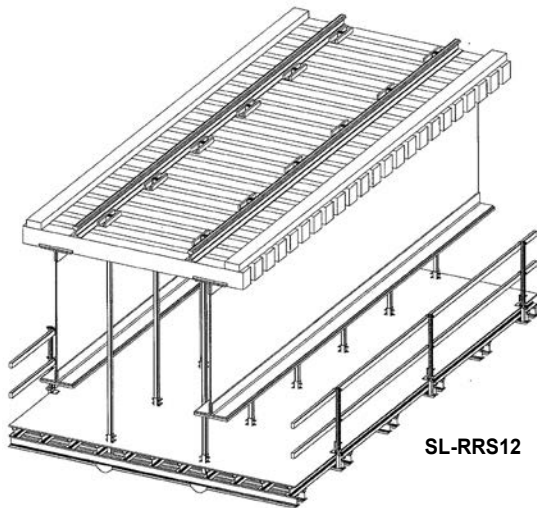
\* Ladder not included

**Open Deck Wrap-Around Scaffold**

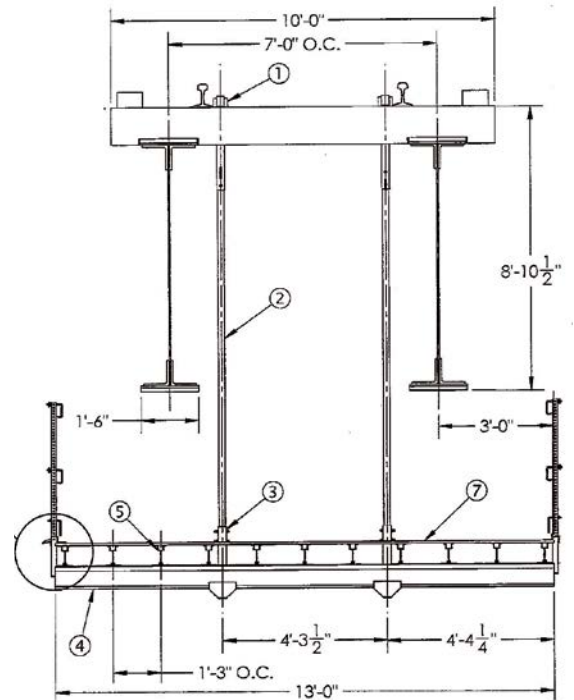
Model	Access Scaffold Size (ft)	Scaffold Width (ft)	Stem Length (ft)	Wt (lbs)	Distributed SWL (lbs)
SL-RRP90	3 X 12	3 X 21	16	1794	2000

**heavy duty open deck suspended scaffold**

The Heavy Duty Open Deck Suspended Scaffold is a large capacity scaffold designed specifically for changing out rails. The cantilevered deck allows a staging area for the rails to be replaced before removal.



SL-RRS12



\*Based upon support spacing. We will provide engineering and drawings.

SL-RRS12 Heavy Duty Open Deck Suspended Scaffold			
Part	Description	Qty	
1	SL-22RTSHHD	HD Rail Drop-Thru Hanger	12
2	SL-71CX144	Stem, 2" Sq. X 12 Ft., 12k	12
3	SLP-71CX12	HD Hanger	12
4	SL-BM750X013	Aluminum Beam, 7.5" X 13' w/plastic nailer	12
5	SL-BM650X021	Aluminum Beam, 6.5" X 21' w/plastic nailer	11
6	SL-84ABAS65	Post Support, Aluminum Beam Side Adaptor, 6.5"	6
7	75-PLYWOOD	4' X 8' X .75 Plywood (not included)	
8	SL-0929259	Beam A-Clamp Assembly, .50" X 1.62" Tbolt/Nut	240
9	SL-71B48GW	Steel Guardrail Post, 48" w/SL-35D & TB Clamp	6
<b>WT: 1449 LBS</b>		<b>SWL 100+ lbs/Sq. Ft. *</b>	



**e-train rail scaffold**



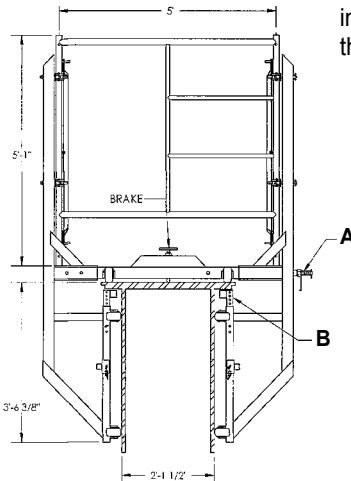
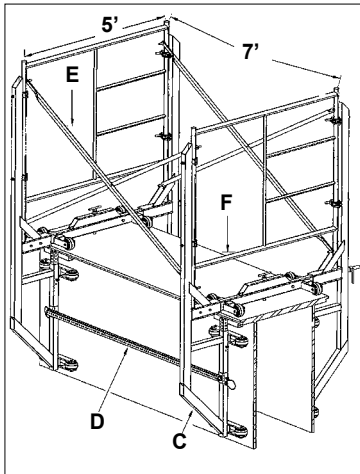
MMK100

Designed to roll on electric train rails. This scaffold is adjustable in width and length, and can be used in tandem. It is a compact and secure maintenance cart that can be enclosed.

Rolling E-train Scaffold (steel)	SL-MMK100
Scaffold Packaged weight (lbs): 361 Scaffold Size (ft): 4 X 8	SWL (lbs): 750 distributed load



**monorail scaffold**



Designed for rolling on top of a girder or chord, this scaffold system offers adjustability in the platform height and width. Easy installation, easy take down. Adjustable to girder depth and width, the monorail scaffold can be used for many applications.

Rolling Monorail Scaffold (steel)	SL-507MRS
Scaffold Packaged weight (lbs): 355 Scaffold Size (ft): 5 X 7	SWL (lbs): 500 distributed load

SL-507MRS

Legend	
A	Adjustable Expansion Bar
B	Adjustable Anti-Tip Bracket
C	Side Bracket Wheel Assembly
D	Horizontal Brace
E	X-Brace
F	Scaffold Frame

**rail tower scaffold**



The Rail Tower Scaffold is a rolling and adjustable platform used to access hard-to-reach areas along a rail track. The system comes complete with a fire retardant deck, a fire extinguisher support bracket, an access ladder clamp, and anti-tip locks. This light-weight scaffold can be used in tandem. Cast aluminum wheels are equipped with brakes.

**Features**

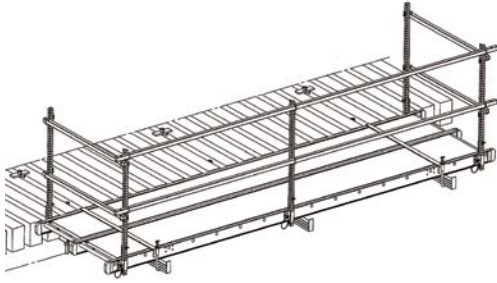
- ◆ Easy Mobility
- ◆ Adjustable height
- ◆ Large Work Area
- ◆ Fire Retardant Deck
- ◆ Access Ladder System
- ◆ Safety Entrance & Exit
- ◆ Anti-Tip Locks
- ◆ May Use In Tandem

SL-0812SPC

Rail Tower Scaffold			
Model	Scaffold Size (ft)	Adjustable Height (in)	Wt (lbs)
SL-0812SPC	7 X 12	114 - 141	1212



**open deck cantilever scaffold**

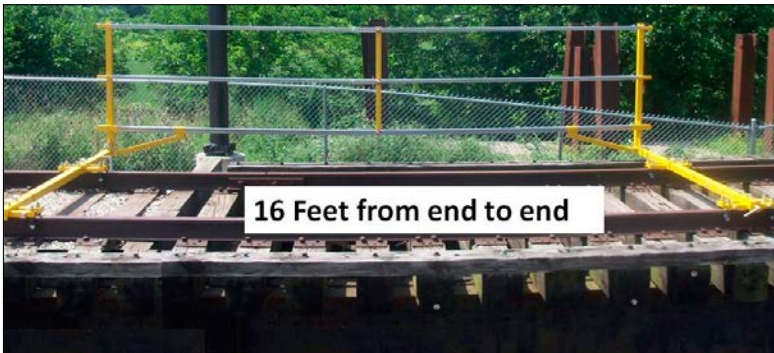


The Open Deck Cantilever Scaffold is used as an escape platform for workers when they need to leave the track area immediately. Determine the scaffold size needed, specify quantity of scaffold support components (items 1-4), then see pages 18 to 19 for aluminum stages and guardrails.

**SL-418CRS**

Open Deck Cantilever Scaffold	
Part	Description
SL-90EGC4	Girder Supported Truss
SL-90EGC4L	Stage Lock
SL-71B48M	Guardrail Post
SL-84SA	Stage Post Adaptor

**track rolling guardrail (double mount)**

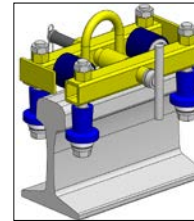


The Rolling Track Guardrail System meets the Occupational, Safety, and Health Administration's (OSHA) standards for fall protection. Designed for the Railroad Industry, the system provides protection for the worker covering a specified area. Expand the protected area by adding more roller stanchions and guardrails.

Track Guardrail System		
Model	Description	Wt (lbs)
SL-RTC19RIS	1 set of 2 Rolling Stanchions 16' apart w/ top, mid and bottom rails	335

3 ft. 3 in. cantilever (center of rail out)

**SL-RTC19RIS**



**SL-RTC181P**

One person rolling fall protection track clamp

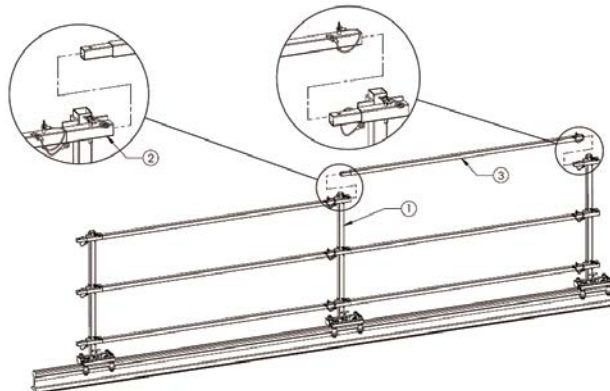
Track Guardrail System		
Model	Description	Wt (lbs)
SL-RTC181P	1 Person Rolling Rail Clamp	38

**track rolling guardrail (single mount)**

The Single Mount Rolling Track Guardrail System can be used in tandem. Two workers are supported in each sixteen foot section. A one-worker rolling unit is also available.



Track Guardrail System		
Model	Description	Wt (lbs)
SL-RTC18RIS	1 set of 3 Rolling Stanchions 16' apart w/ top, mid and bottom rails	264

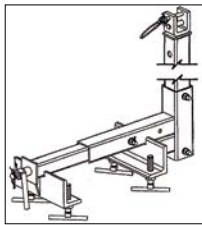
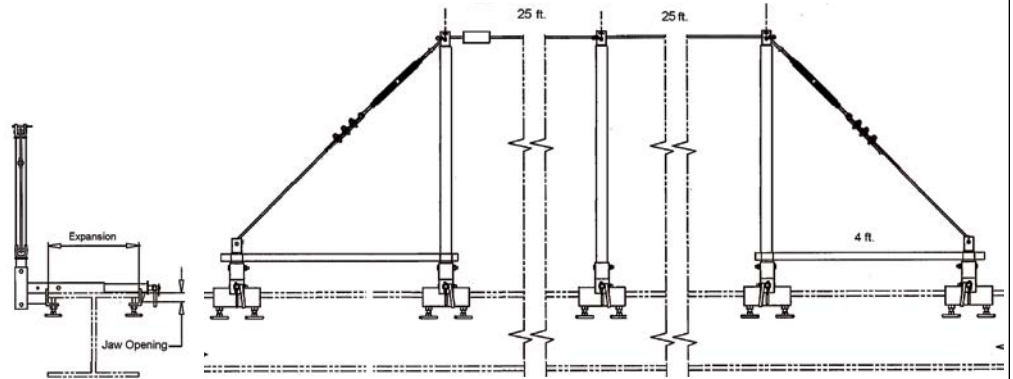
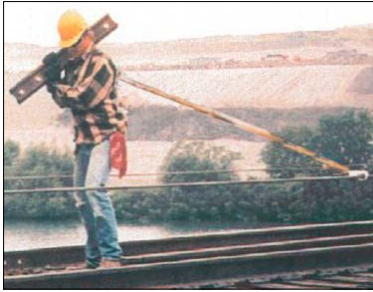


**SL-RTC18RIS**

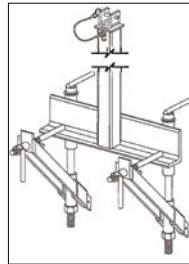


**fall protection**

The horizontal fall protection safety line allows attachment of full body harness with shock absorber. The line must be anchored at two hundred foot increments. Configured for the number of workers attached (two within the twenty-five foot spacing, using .50 inch, 6X19 or 6X26 IWRC wire rope. When properly installed, the system meets OSHA standards.



SL-090BSC1



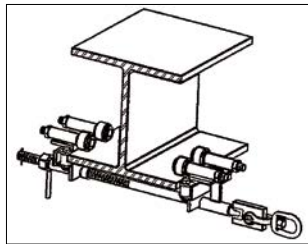
SL-99PSAC



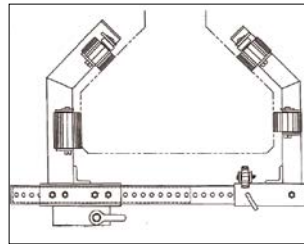
SL-20SCCPT

Rail Tie Safety Line Anchor System

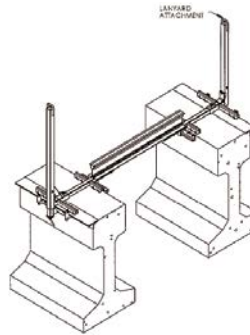
**fall protection clamps**



SL-99Z  
Steel Girder

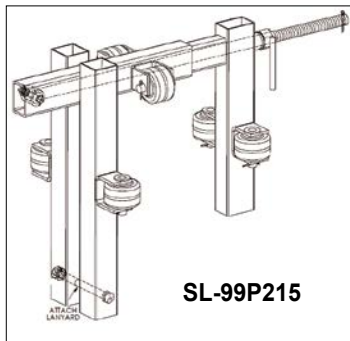


SL-99P4  
Concrete Girder

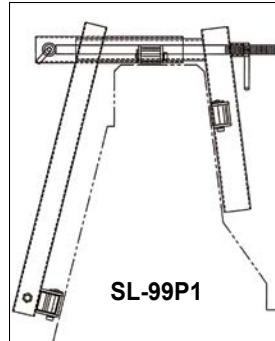


**fall protection clamps**

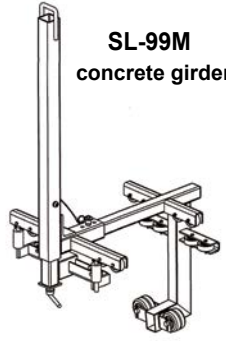
The rolling Fall Protection Parapet Clamps are designed for one to two workers. Attach a retractable shock absorbing life line and the system is complete.



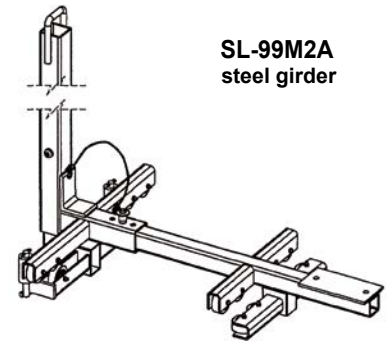
SL-99P215



SL-99P1



SL-99M  
concrete girder



SL-99M2A  
steel girder

**Concrete Fall Protection Clamps**

Model	Description	Exp (in)	Persons	deg.	wt(lbs)
SL-99P215	Concrete Parapet Clamp	6-15	2	85/90	62
SL-99P1	Concrete Parapet Clamp	6-15	2	85/90	74
SL-99M	Concrete Girder, Top Rolling	14-28	1	45/64	52
SL-99M2A	Concrete Girder, Top Rolling	14-28	1	90	58



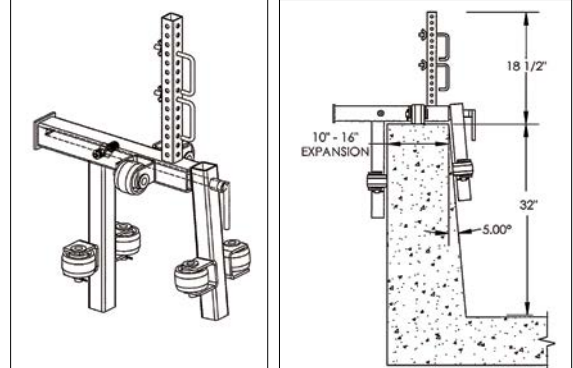


**rolling parapet guardrail system**



When bridge parapets or guardrails do not meet the Occupational, Safety, and Health Administration's (OSHA) standards for fall protection, Swing-Lo's Rolling Parapet Guardrail System provides a mobile and adjustable answer. Sold in sets of three rollers with adjustable vertical post and locks for two by four wood rails, the system meets OSHA standards. The system may be purchased with or without rollers. The stationary brackets are easily convertible to a rolling system. Spaced eight feet apart, the rolling brackets allow the worker to work within the covered area. Extend the work area by adding more rolling brackets and wood rails.

SL-99PGRS

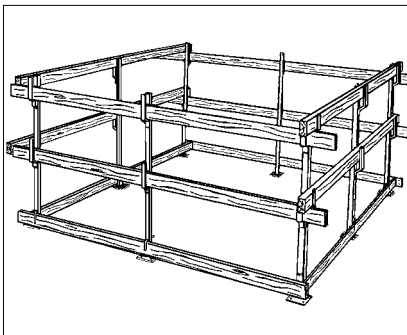


**Rolling Parapet Guardrail System**

Model	Description	Wt (lbs)	Qty
SL-99PGRS	One set of 3 Rolling Guardrail Brackets 8' apart w/ SL-35D Safetyrail Locks for top and mid rail	48	3
SL-99PGSS	One set of 3 Stationary Guardrail Brackets 8' apart w/ SL-35D Safetyrail Locks for top and mid rail	54	3

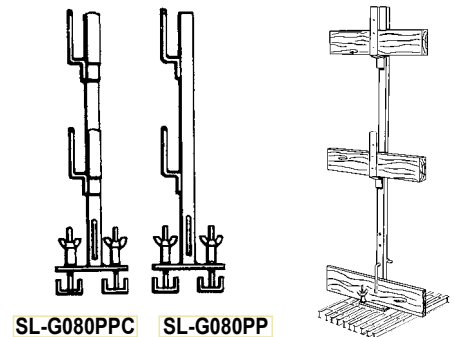
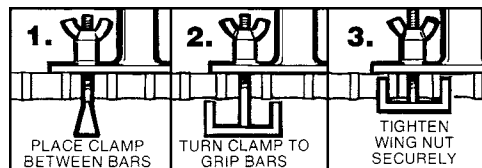
**perimeter guardrail - grating floor**

The SL-G080PP and SL-G080PPC Guardrail Posts are secured by T-Bolt Locks to metal gratings. Guardrails and Toeboards are then attached to provide an entire Guardrail System that keeps hazardous areas in containment and work crews safe.



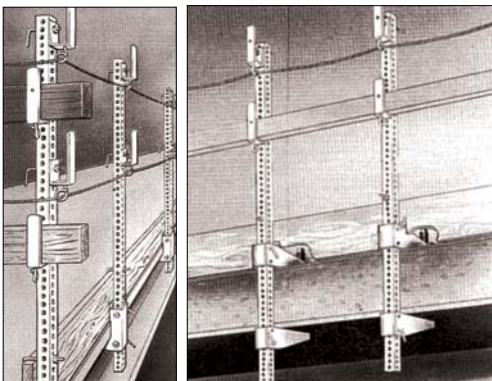
**Perimeter Guardrail Post**

Model	Description	Wt(lbs)
SL-G080PPC	Corner Grid Post	18
SL-G080PP	Grid Post	15



**perimeter guardrail - wire rope**

The Perimeter Guardrail System provides a safe and secure protection for the worker in a specified area. This temporary perimeter guardrail system meets OSHA's standards for open areas. Attaching to concrete slabs or other structures is effective and efficient.

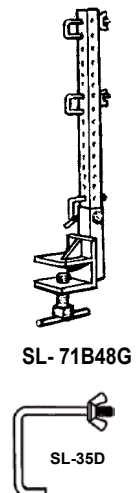
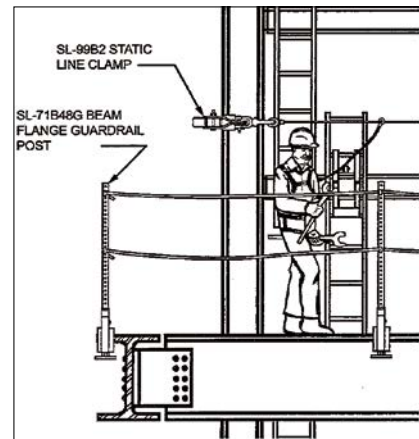
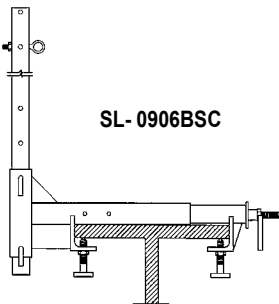


**Perimeter Guardrail Post**

Model	Description	Wt(lbs)
SL-0906P	Static Line Post w/Eye Bolt	12

**Perimeter Guardrail Clamp**

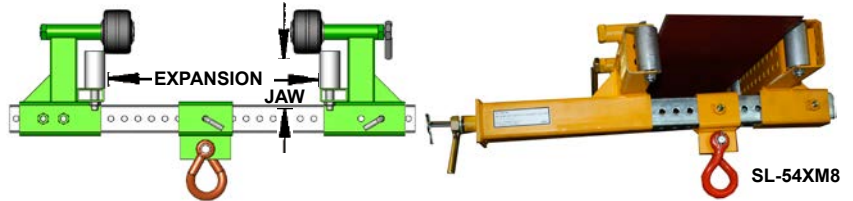
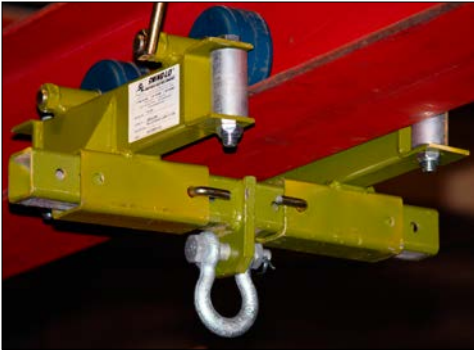
SL-71B48G	Beam Flange Clamp ( Open Beam )	12
SL-090BSC	Beam Static Line Clamp w/SL-0906P Post	18
SL-99B2	Dual Static Line Fall Protection H-Beam Clamp	35



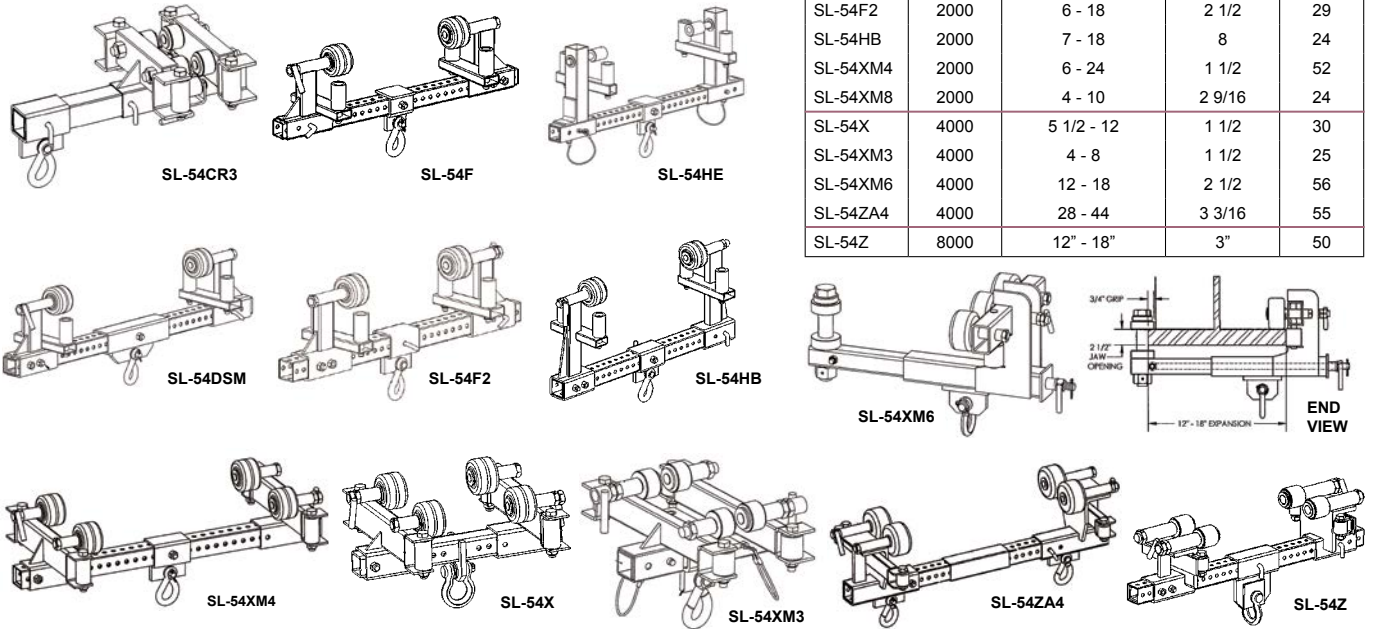
SL-99B2



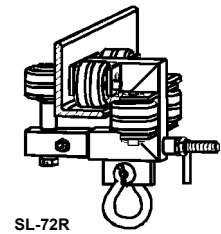
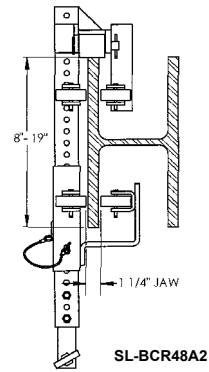
**rolling girder clamps**



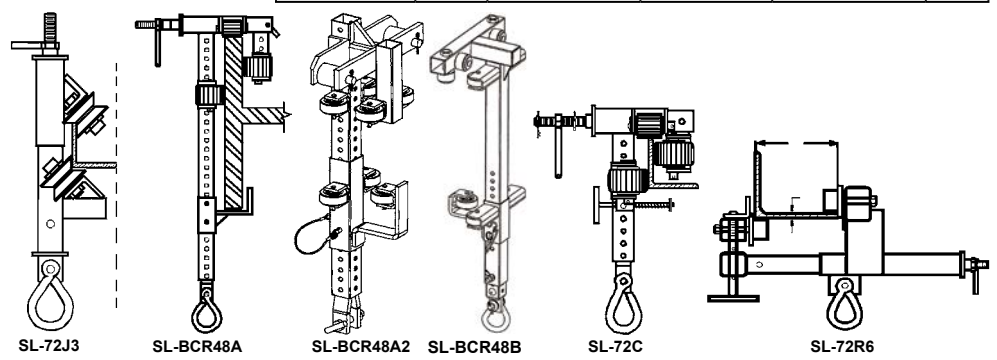
Rolling Girder Clamps				
Model	SWL (lbs)	Expansion (in.)	Jaw (in.)	Wt (lbs)
SL-54A	1000	5 - 18	2 3/4	14
SL-54B	1000	5 - 18	6	15
SL-54BA	1000	4 - 9	6	14
SL-54CR3	1000	3	1/2	12
SL-54F	1000	5 - 18	3 1/2	19
SL-54HE	1000	5 - 18	6 1/2	27
SL-54DSM	2000	9 - 24	3 1/2	48
SL-54F2	2000	6 - 18	2 1/2	29
SL-54HB	2000	7 - 18	8	24
SL-54XM4	2000	6 - 24	1 1/2	52
SL-54XM8	2000	4 - 10	2 9/16	24
SL-54X	4000	5 1/2 - 12	1 1/2	30
SL-54XM3	4000	4 - 8	1 1/2	25
SL-54XM6	4000	12 - 18	2 1/2	56
SL-54ZA4	4000	28 - 44	3 3/16	55
SL-54Z	8000	12" - 18"	3"	50



**rolling angle clamps**

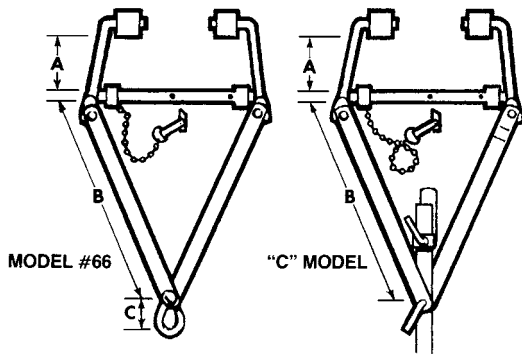


Rolling Angle/Chord Clamps					
Model	SWL (lbs)	Expansion (in.)		Angle Thickness (in.)	Wt (lbs)
		Horizontal Leg	Vertical Leg		
SL-72R	1000	3.5		1	15
SL-72R6	1000	2.5 - 6.5		1/2	29
SL-72J3	1000		3 - 4.5	1/4	24
SL-BCR48A	1000		8 - 19	1 - 2 H-Beam	40
SL-BCR48A2	2000		8 - 19	1 1/4	45
SL-72C	1000		4 - 6	3/8 - 1	32



All products must be used in accordance with Swing-Lo Suspended Scaffold Company's Safety Instructions, and all Local, State, and Federal Safety Regulations

**scissor girder clamps**

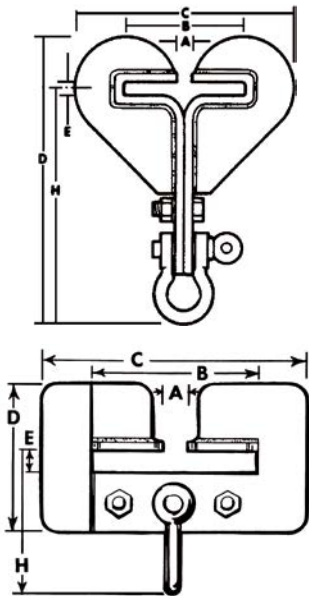


Scissor Girder Clamps						
Model	SWL (lbs)	Girder Expansion (in)	A	B	C	Wt (lbs)
BHD #66	1000	6 - 10	3 1/4	19 1/2	4	14
MHD #66	1000	9 - 16	3 1/4	19 1/2	4	15
KHD #66	1000	10 - 18	3 1/4	19 1/2	4	16
SHD #66	1000	14 - 24	5	24 1/2	4	22
"C" Model Scissor Girder Clamps						
Model	SWL (lbs)	Girder Expansion (in)	A	B	C	WT
CBHD #66	1000	6 - 10	3 1/4	19 1/2		13
CMHD #66	1000	9 - 16	3 1/4	19 1/2		14
CKHD #66	1000	10 - 18	3 1/4	19 1/2		15
CSHD #66	1000	14 - 24	5	24 1/2		21

**heavy duty girder clamps**

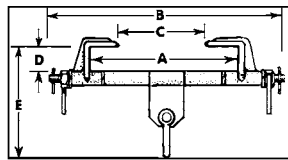


Lifting • Holding • Positioning

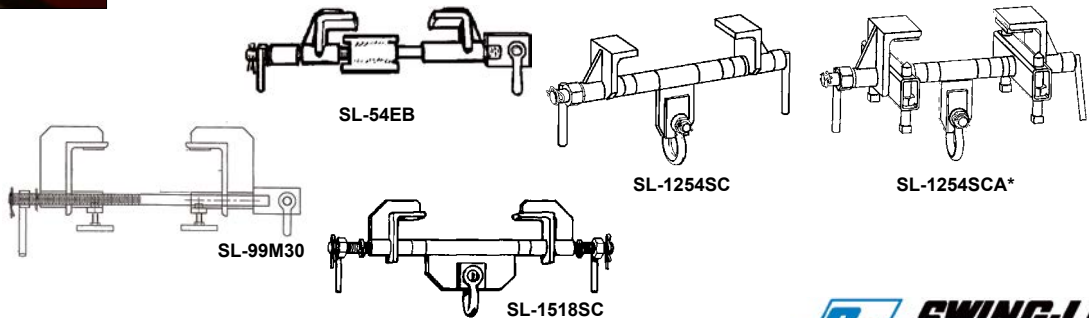


Sweetheart claw clamps					
Size	SWL (lbs)		Strap Thickness		Wt (lbs)
	C	D	E	H	
Model SP-04	2 Ton		1/4"		3/4" 4"
	6 7/8"	9 1/4"	1/2"	7 7/8"	4 1/2"
Model SP-05	3 TON		1/4"		3/4" 5"
	8"	10 3/8"	1/2"	8 7/8"	7"
Model SP-06	5 Ton		3/8"		3/4" 6"
	11"	14 3/4"	3/4"	12 1/4"	15 1/2"
Model SP-08	8 Ton		3/8"		1" 8"
	14"	17 1/2"	1"	14 1/2"	22 1/2"
Model SP-10	10 Ton		1/2"		2" 10"
	18"	23"	1 3/8"	19"	42"
Model SP-12	15 Ton		1/2"		2" 12"
	22"	28 1/8"	1 1/2"	23 1/8"	67"
Heavy Duty Girder Clamps					
SIZE	SWL (lbs)		Strap Thickness		Wt (lbs)
	C	D	E	H	
Model BGC-16	EX. 16 Ton		3/4"		2" 13"
	21"	12 1/2"	2"	11"	110"

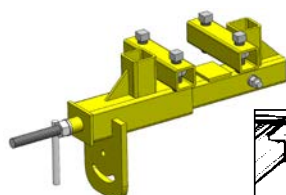
**screw-type girder clamps**



Stationary Screw-type Girder Clamps							
Model	SWL (lbs)	Dimensions (in)					Wt (lbs)
		A	B	C	D	E	
SL-54EB	2000	6" - 14"	25"	9"	1 3/8"	6 3/8"	17
SL-1254SC	4000	5" - 12"	17 1/2"	9 1/2"	1 3/8"	10"	17
SL-1254SCA*	1500	6" - 12"	20 1/2"	7"	1 1/2"	10"	33
SL-99M30	2000	10" - 30"	36"	22"	4"	8"	55
SL-1114SC	7500	11" - 14"	33"	9"	2 3/4"	11 3/4"	44
SL-1518SC	7500	15" - 18"	33"	11"	2 3/4"	11 3/4"	46



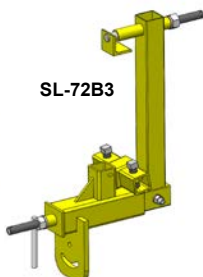
**stationary girder clamps**



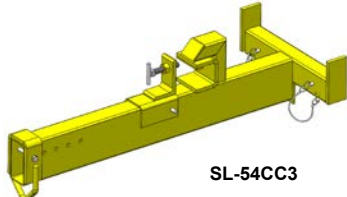
SL-54CC4



SL-77



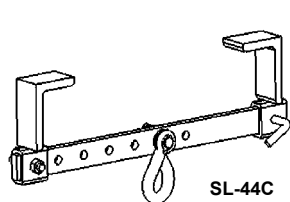
SL-72B3



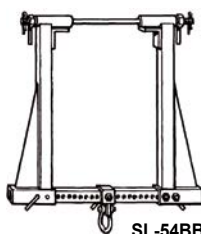
SL-54CC3



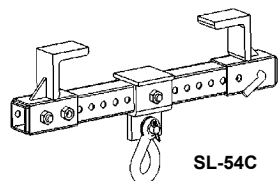
SL-54PC



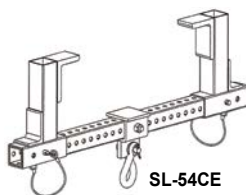
SL-44C



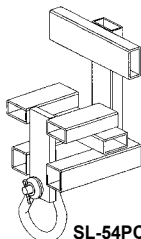
SL-54BBC



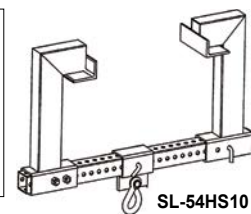
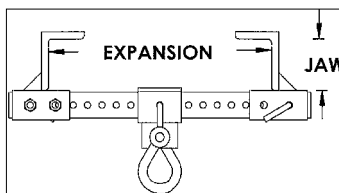
SL-54C



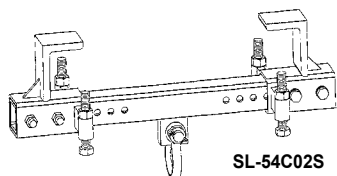
SL-54CE



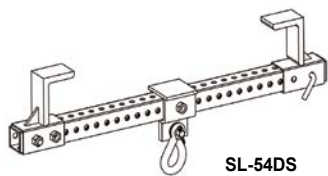
SL-54PC



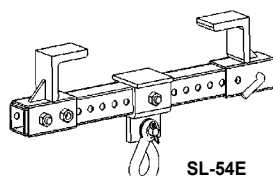
SL-54HS10



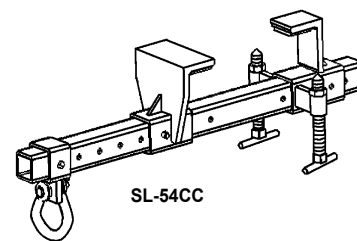
SL-54C02S



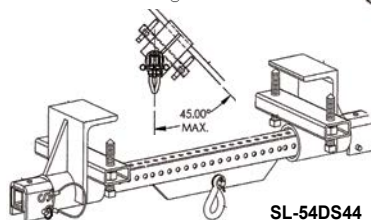
SL-54DS



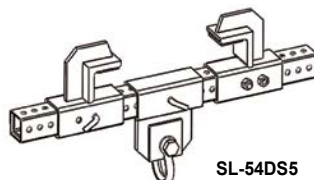
SL-54E



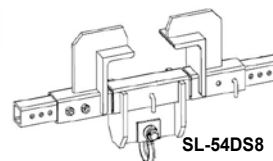
SL-54CC



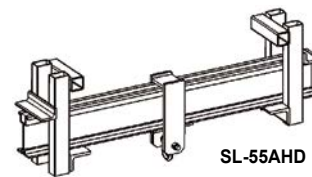
SL-54DS44



SL-54DS5



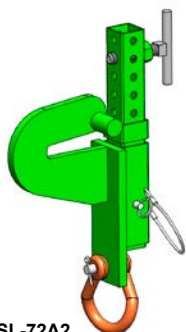
SL-54DS8



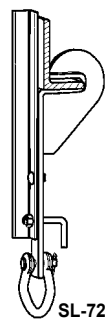
SL-55AHD

Stationary Girder Clamps				
Model	SWL (lbs)	Expansion (in)	Jaw (in)	Wt (lbs)
SL-44A	1000	6 - 18	2.5	10
SL-44C	1000	6 - 18	3.5	14
SL-54BBC	1000	6 - 24	25.5	30
SL-54C	1000	5 - 18	3.38	16
SL-54CE	1000	5 - 20	6.88	28
SL-54HS10	1000	8 - 20	10	32
SL-77	1000	-	-	10
SL-54CC	2000	5.25 - 21	3	27
SL-54CC3	2000	3.50	3	54
SL-54CC4	2000	6.0 - 7.50	.38-.50	33
SL-54C02S	2000	8 - 18	3.5	26
SL-54DS	2000	5.25 - 24	3.5	28
SL-54E	2000	6 - 14	3.38	11
SL-54PC	2000	2 - 2.5	6.5 - 7	17
SL-54DS44	2000	20 - 44	3.5	50
SL-54DS5	5000	12 - 18	2	40
SL-54DS8	8000	10 - 18	3.5	49
SL-55AHD	10000	16 - 44	4.5	47

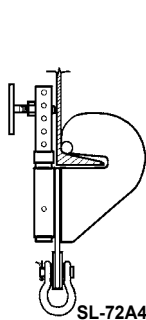
**stationary angle clamps**



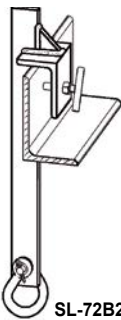
SL-72A2



SL-72



SL-72A4

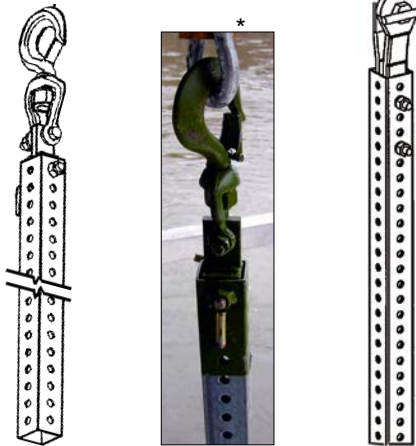


SL-72B2

Stationary angle clamps					
Model	SWL (lbs)	Expansion		THICKNESS	WT (lbs)
		Horz LEG	VERT		
SL-72	1000	3 1/4"		3/8"	14
SL-72A2	2000	4"		1/2"	13
SL-72A4	4000	4"		1/2"	20
SL-72B2	1000		4" - 12"	1 3/8"	11
SL-72B3	2000	3.41"	(specify)	.38-.50	28



**vertical perforated stems**



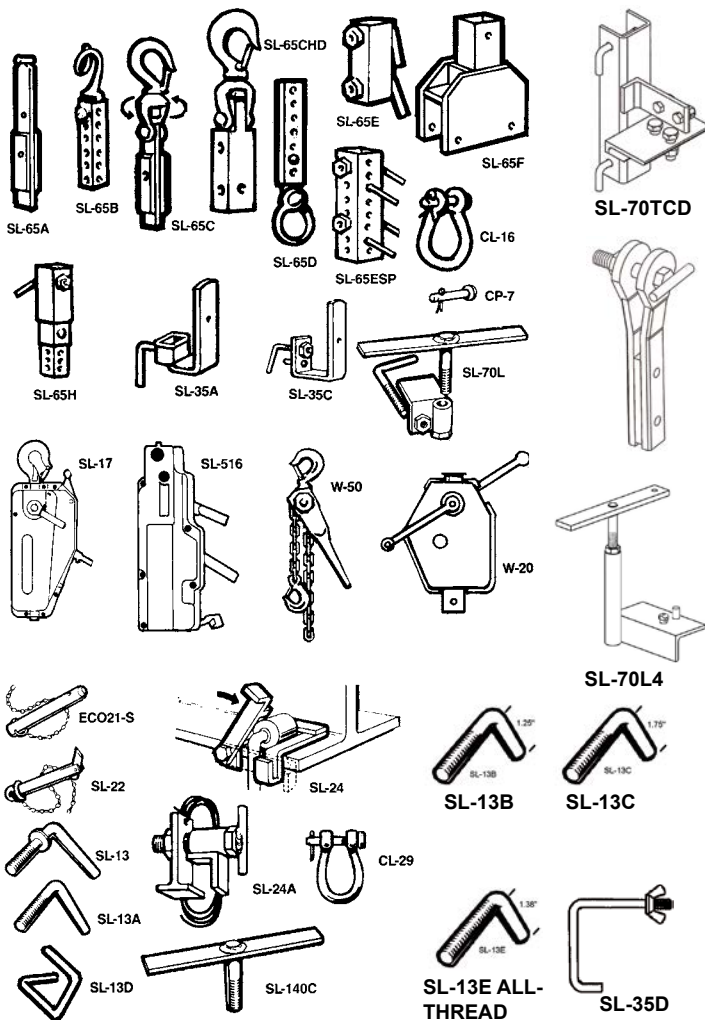
1k Single lock    2k Double lock    12k Double Lock  
Pre-Galvanized, holes one inch on center

1.75" Sq. Vertical Perforated Stem Single Lock (SWL: 1000 lbs)			1.75" Sq. Vertical Perforated Stem Double Lock (SWL: 2000 lbs)		
Model	Length(in)	Wt (lbs)	Model	Length (in)	Wt (lbs)
SL-71A32	32	7	SL-71AA32	32	8
SL-71A48	48	9	SL-71AA48	48	10
SL-71A60	60	11	SL-71AA60	60	12
SL-71A72	72	13	SL-71AA72	72	14

2.00" Sq. Vertical Perforated Stem Double Lock (SWL: 2000 lbs)			2.00" Sq. Vertical Perforated Stem (RE) Double Lock (SWL: 12000 lbs)		
Model	Length (in)	Wt (lbs)	Model	Length (in)	Wt (lbs)
SL-71C48	48	10	SL-71CX72	72	21
SL-71C60	60	12	SL-71CX96	96	32
SL-71C72	72	14	SL-71CX120	120	40
SL-71C96	96	16			

\* Safety Swivel Hook Connector sold separately  
\*\* Stem-to-Clamp Connector sold separately

**connectors & accessories**



Connectors		
Model	Description	Wt (lbs)
SL-65A	Scissor Connector	3
SL-65B	Pigtail Connector	3
SL-65C	Swivel Hook Connector	6
SL-65CHD	HD Swivel Hook Connector (1.75")	6
SL-65CHD2	HD Swivel Hook Connector (2.0")	3
SL-65CHD20	HD Stem-Clamp Connector	12
SL-65D	Union Connector	4
SL-65E	Vertical Stem Connector (for 1.75")	1.5
SL-65ESP	HD Vertical Stem Connector (for 2")	3
SL-65F	Truss to Vertical Stem Connector	7
SL-65H	Vertical Stem Connector (for 1 3/4")	2
SL-15CS	Stem to Truss Connector (for 2" Stem)	6
SL-60A16	2" X 3" Vertical Stem Insert Connector	8
SL-60B16	2" X 3" Vertical Stem Plate Connector	6
SL-70TCD	Aluminum Beam Truss Connector	5
Accessories		
SL-35A	Rail Bracket (for CHD-140 Stirrup)	1.5
SL-35C	Rail Bracket for Stem & CHD-101	1.5
SL-35D	Rail J-Lock (for 2" X 4" wood rail)	.5
CL-29	5/8" Alloy Shackle	1.5
CL-16	Twisted Clevis	1
CP-7	1/2" X 2-1/2" Clevis Pin	0.1
SL-70L	Stage Lock (for Aluminum Stage)	4.5
SL-70L4	Aluminum Beam and Stage Lock	5
SL-17	2k Winch W/30' Cable	32
SL-516	4k Winch W/60' Cable	61
W-20D	1.1k Winch W/130' Cable (drum type)	56
W-50	1.5 Chain Hoist W/5' lift	19
ECO21-S*	Quick Release Lock Pin (7/16" X 3")	0.1
SL-22	Gravity Lock Pin (for Scissor model)	0.1
SL-13	Handle Bolt Lock ("C" Scissor)	0.1
SL-13A	Lever Handle Bolt Lock (SL-35A)	
SL-13B	Lever Handle Bolt Lock	0.1
SL-13C	Lever Handle Bolt Lock	0.1
SL-13E	Lever Handle Bolt Lock (SL-35C)	
W-30T	1.1k Winch W/100' Cable (Traction)	40
SL-24	Wheel Brake (Scissor model)	3.5
SL-24A	Wheel Brake (SL-54A model)	2.5
SL-140C	Board Lock (CHD-140 & 101)	2.5



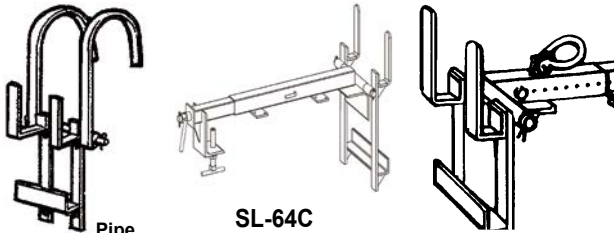
wheels/rollers



Wheels/Rollers - All dimensions in inches				
Model	Dia.	Width	Shaft	Type
SL-18	1.13	2.00	.63	Steel
SL-19	1.50	1.75	.75	Aluminum
SL-20	2.00	2.00	.75	Steel/Bearings
SL-21	3.25	2.00	.75	Phenolic
SL-23	2.38	1.75	1	Steel/Bearings
SL-25	2.38	2.00	1	Steel/Bearings
SL-26	3.25	4	.75	Phenolic
SL-27	8.00	2.00	.75	Phenolic
SL-29	2.00	1.375	.75	Steel/Bearings
SL-34	6.00	2.00	.75	Phenolic
097013	6.00	2.19	.75	Soft Rubber
0970195	10.0	3.00	.75	Pneumatic

scaffold access  
(ladder clamps)

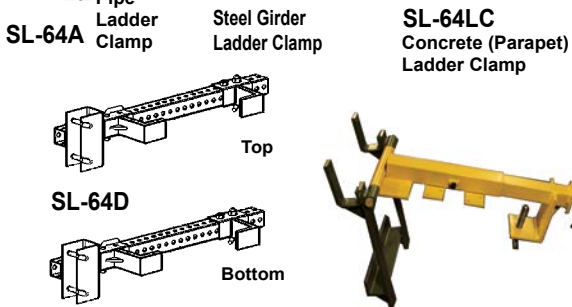
Ladder Clamps provide a safe and secure way of accessing the suspended scaffold. They support standard ladder rungs and adjust for various beams and parapets. All safety lines, rope grabs, etc. by customer. Ladder not included with any Ladder Clamp.



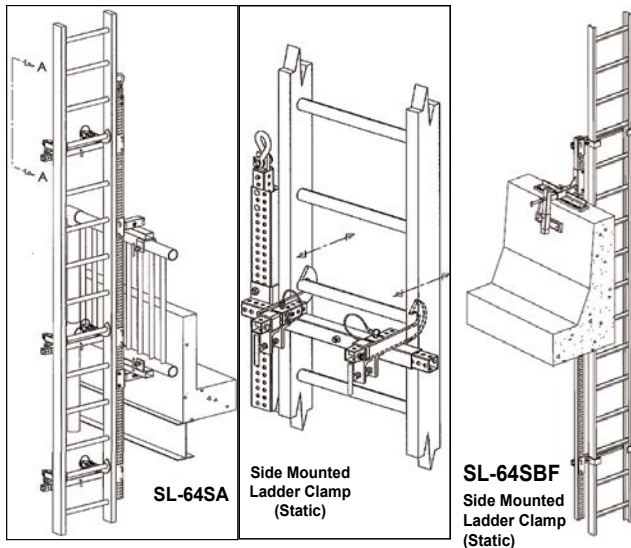
There are four Ladder Clamp Series. The "C" and "LC" models offer different expansions. The four models are:

- 1) SL-64A Pipe Ladder Clamp
- 2) SL-64C I-Beam Ladder Clamp
- 3) SL-64LC Concrete Ladder Clamp
- 4) SL-64D Side-Mounted Ladder Clamp

All Ladder Clamps are rated for one person or 250 pounds.



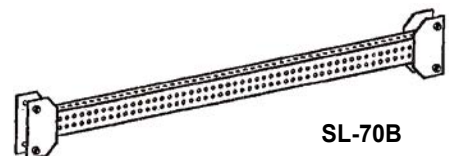
Ladder Clamps				
Model	Description	Exp (in)	Wt (lbs)	
SL-64A	Pipe Ladder Clamp	4 - 8dia.	35	
SL-64C	I-Beam Ladder Clamp	10 - 14	35	
SL-64C22	I-Beam Ladder Clamp	18 - 22	42	
SL-64C28	I-Beam Ladder Clamp	24 - 28	47	
SL-64D	Side Mounted Ladder Clamp	6 - 18	25	
SL-64LC	Parapet Ladder Clamp	10 - 12	45	
SL-64LC20	Parapet Ladder Clamp	14 - 20	51	
SL-64SA	Side Mounted Ladder Clamp (Pipe Rail) Static	4 - 8 dia.	48	
SL-64SB	Side Mounted Clamp (Concrete) Rolling w/Brake	10 - 15	84	
SL-64SBF	Side Mounted Ladder Clamp (Concrete) Static	10 - 15	76	



steel support truss

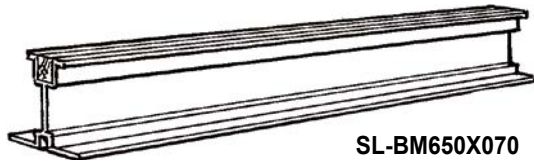


Steel Support Truss w/Lever Handle Bolt Locks			
Model	Width (in)	Allowance (Quantity & Width of Aluminum Stage(s))	Wt (lbs)
SL-70C	30	1 each 24" or 28"	18
SL-70B	48	2 each 24"	23
SL-70A	72	3 each 24"	29



**aluminum support beams**

The aluminum beam is equipped with plastic nailer that does not lose its properties when used repeatedly. Used primarily as support on hangers specifically designed for use with the aluminum beam, we will provide configuration data when an inquiry is made.

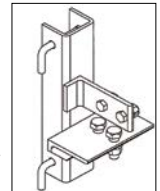


**SL-BM650X070**

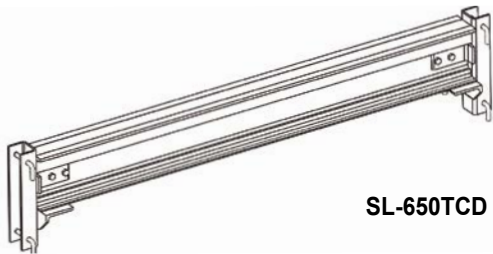


6.5" Aluminum Beam Wt (lbs/ft): 4	
Model	Length (ft)
SL-BM650X070	7
SL-BM650X105	10.5
SL-BM650X14	14
SL-BM650X21	21

Add the Model **SL-70TCD** to the ends of the aluminum beam to provide connection to the Vertical Stem. The width of the working deck is then pre-determined, based on the length of the aluminum beam.

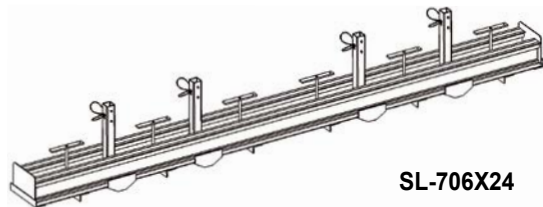


**SL-70TCD**



**SL-650TCD**

The Model **SL-706X24** is a packaged aluminum Truss used in the Large By-Pass scaffold configuration. There are six aluminum stages twenty-four inches wide by the desired length. There are two aluminum beams used with the corresponding number of hangers and board locks.

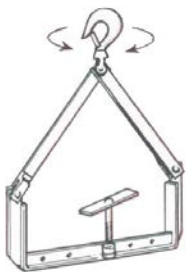


**SL-706X24**

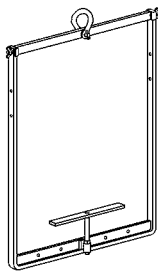
7.5" Aluminum Beam Wt (lbs/ft) 6	
Model	Length (ft)
SL-BM750X070	7.00
SL-BM750X105	10.50
SL-BM750X014	14.00
SL-BM750X021	21.00

Aluminum Beam Truss Assembly	
Model	Length (ft)
SL-706X070	7.00
SL-706X105	10.50
SL-706X014	14.00
SL-706X021	21.00

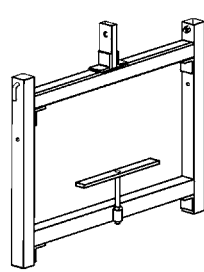
**hangers**



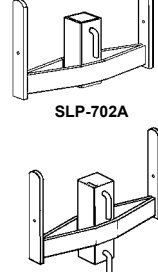
**HD-801**



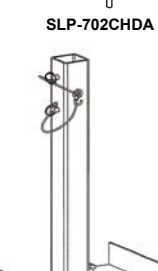
**CHD-140**



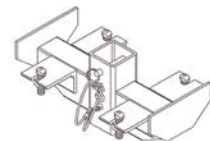
**CHD-101**



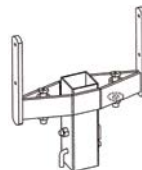
**SLP-702A**



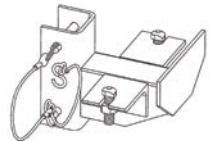
**SLP-702CHDA**



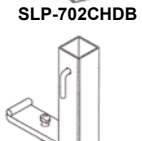
**SLP-702TSB4**



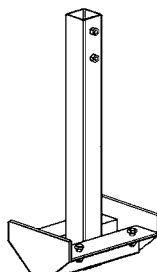
**SLP-702CHDB**



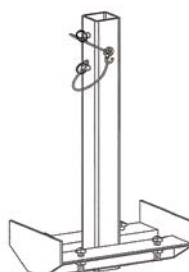
**SLP-702TSB4A**



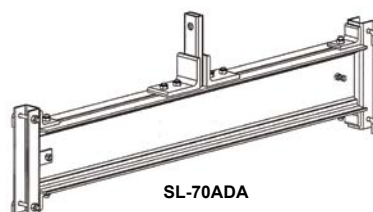
**SLP-702TSA1**



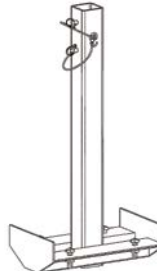
**SLP-702TS**



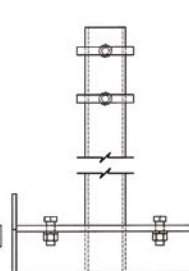
**SLP-702TSB1**



**SL-70ADA**

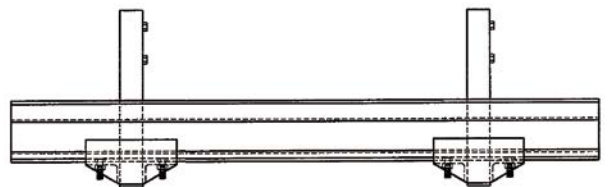


**SLP-702TSB2**

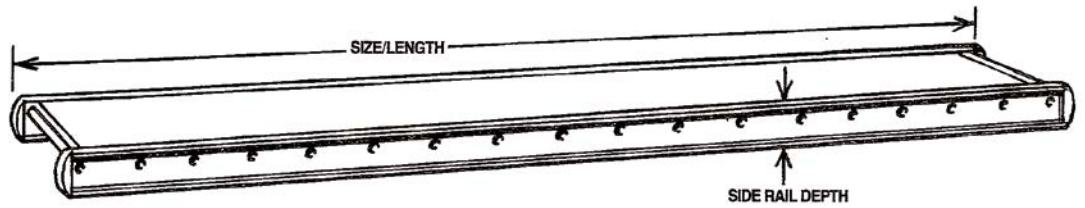


**SLP-71CX12**

Hangers for Aluminum Stages				
Model	Base (in)	Height (in)	SWL(lbs)	Wt (lbs)
HD-801	29	38	1000	16
CHD-140	31	24 & 36	1000	30
CHD-101	29	24 - 52	1000	31
Hangers for Wood Needle Beams (used with 1.75" Sq. Vertical Stem)				
SLP-702A	4.75	3.25	1000	6
SLP-702CHDA	4.75	3.25	2000	7
Hangers for Wood Needle Beams (used with 2" Sq. Vertical Stem)				
SLP-702C	4.38	3.50	1000	9
SLP-702CHDC	4.38	3.50	2000	12
Hangers for Aluminum Beam (used with 1.75" Sq. Vertical Stem)				
SLP-702TS	5.25	13.75	2000	15
SLP-702TSA	4.25	4.75	2000	10
Hangers for Aluminum Beam (used with 2" Sq. Vertical Stem)				
SLP-702TSB4	5.25	4	2000	8
SLP-702CHDB	4.69	9	2000	10
SLP-702TSB4A	5.25	6	2000	8
SLP-702TSA1	4.56	12	1000	8
SLP-702TSB1	5.25	20.75	2000	17
SLP-702TSB2	5.25	25.75	2000	18
SLP-702TSB3	5.25	13.75	2000	12
SLP-71CX04	5.25	20.75	4000	20
SLP-71CX12	4.25	20.75	12000	22
Hangers for Aluminum Strongbacks (used with 2 1/4" Sq V- Stem)				
SLP-702TSB	5.25	13.75	2000	17
SLP-702TSC	5.25		1000	9



**scaffold decking**



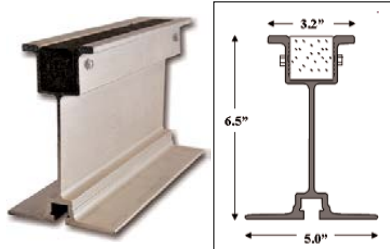
Aluminum Stage 2-Man - SWL (lbs): 500					
	Rail	24" Wide		28" Wide	
Length (ft)	Depth (in)	Model	Wt (lbs)	Model	Wt (lbs)
7	4	SL-D2408	24	SL-D2808	31
12	4	SL-D2412	34	SL-D2812	47
16	5	SL-D2416	43	SL-D2816	69
20	6	SL-D2420	60	SL-D2820	91
24	6	SL-D2424	72	SL-D2824	109
28	6 HD	SL-D2428	84	SL-D2828	145
32	6 HD	SL-D2432	145	SL-D2832	166
34	6.5	SL-D2434	233	SL-D2834	251
36	6.5	SL-D2436	248	SL-D2836	267
38	6.5	SL-D2438	262	SL-D2838	282
40	6.5	SL-D2440	276	SL-D2840	297

Aluminum Stage 3-Man - SWL (lbs): 750					
	Rail	24" Wide		28" Wide	
Length (ft)	Depth (in)	Model	Wt (lbs)	Model	Wt (lbs)
8	5	SL-DX2408	42	SL-DX2808	45
12	5	SL-DX2412	65	SL-DX2812	70
16	6	SL-DX2416	85	SL-DX2816	100
20	6 HD	SL-DX2420	120	SL-DX2820	125
24	6 HD	SL-DX2424	145	SL-DX2824	155
28	6 HD	SL-DX2428	200	SL-DX2828	220
32	6 HD	SL-DX2432	230	SL-DX2832	250
34	7	SL-DX2434	280	SL-DX2834	298
36	7	SL-DX2436	288	SL-DX2836	317
38	7	SL-DX2438	315	SL-DX2838	335
40	7	SL-DX2440	332	SL-DX2840	353

**aluminum support beams**

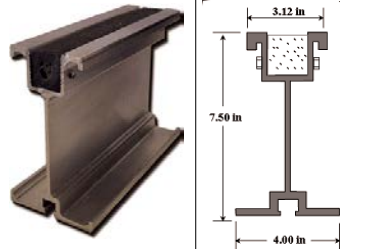
Use aluminum beams as the main support structure, add 3/4" plywood as an alternative to aluminum stages. OSHA compliant Scaffold Planks may be used instead of plywood.

**6.50" Aluminum Beam**



Model	Length(ft)	Wt(lbs)
Beam w/Nailer	7.0	28
Beam w/Nailer	10.5	42
Beam w/Nailer	14.0	56
Beam w/Nailer	21.0	84

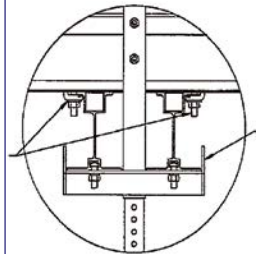
**7.50" Aluminum Beam**



Model	Length(ft)	Wt(lbs)
Beam w/Nailer	7.0	42
Beam w/Nailer	10.5	63
Beam w/Nailer	14.0	84
Beam w/Nailer	21.0	126



**A-Clamp Assembly (1/2" X 1 5/8" Bolt)**



Model	Wt (lbs)
SL-0910725	.12

**scaffold-grade plank**

**DENSE INDUSTRIAL 65 SCAFFOLD PLANK**



Two-Inch OSHA compliant scaffold plank available lengths: 10 ft., 12 ft., 16 ft.

**Allowable Spans**

The span of a scaffold plank is the distance it runs between supports. The longer the span, the more deflection (bend) it will have, and therefore, the less its load-bearing capacity will be. For 2 x 10 (nominal) or 2 x 9 (rough) solid sawn wood planks, allowable spans for a given load are shown in the table below:

Max Intended Load	Max Permissible Span Using Full Thickness Lumber	Max Permissible Span Using Nominal Thickness Lum-ber
25 lbs./square foot	10 feet	8 feet
50 lbs./square foot	8 feet	6 feet
75 lbs./square foot	6 feet	--

Because nominal thickness lumber is not cut to its exact dimensions, nominal 2 x 10 is really more like 1½ x 9¼. As a result, it does not have the same load-bearing capacity of full thickness lumber.

**Allowable Deflection**

To assure that scaffold planking remains within its safe load-bearing capacity, it may not be allowed to deflect more than 1/60th of its span between supports [1926.451(f)(16)]. The table below shows how little deflection that is.

Span of Plank Between Supports	Calculation	Maximum Permissible Deflec-tion
10 feet	120 inches/60 inches	2 inches
7 feet	84 inches/60 inches	1-3/8 inches
5 feet	60 inches/60 inches	1 inch

Workers should be aware of deflection because it can indicate when a platform is overloaded, and a competent person should not allow employees to occupy a platform that exceeds the 1/60th ratio.

source: US Department of Labor (OSHA)



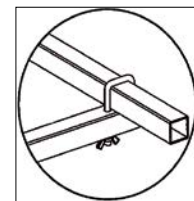


**guardrail & endrail systems**

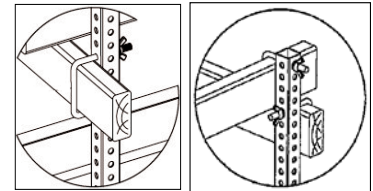


aluminum guardrail per side					
Model	GR (ft)	Qty GR	Qty Conn.	Qty Post	Wt (lbs)
SL-GR07	7	2	0	2	31
SL-GR08	8	2	0	2	32
SL-GR12	12	2	0	3	48
SL-GR16	16	2	0	3	52
SL-GR20	20	2	0	4	68
SL-GR24	24	2	0	4	74
SL-GR28	14	4	2	5	90
SL-GR32	16	4	2	5	94
SL-GR34	17	4	2	6	108
SL-GR36	18	4	2	6	110
SL-GR38	19	4	2	6	112
SL-GR40	20	4	2	6	114

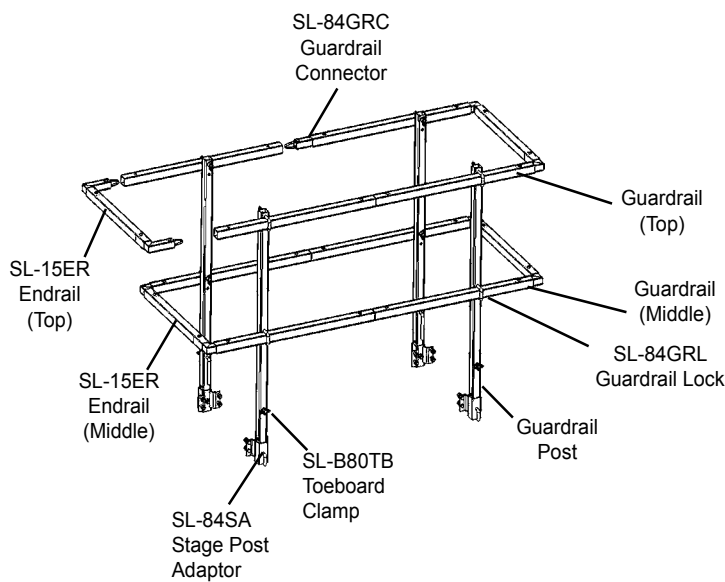
aluminum endrail per side		
Model	Length (in)	Wt (lbs)*
SL-ER24	30	3.5
SL-ER28	34	4
SL-ER48	54	5.5
SL-ER56	62	6.5
SL-ER72	78	8
SL-ER84	90	9
SL-ER96	102	10
SL-ER112	118	11
SL-ER120	126	12
SL-ER140	146	13
SL-ER144	150	13.5
SL-ER168	174	15



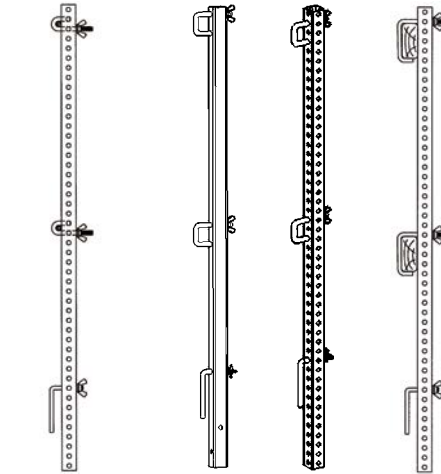
Using SL-84GRL3 endrail lock instead of endrail connector



Using SL-35D rail lock (for 2" X 4" wood rail)



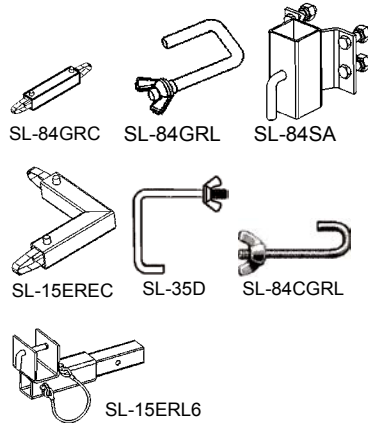
**guardrail component & accessories**



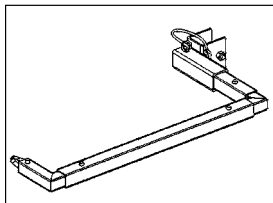
SL-71B48GC SL-15GRP SL-71B48M SL-71B48GW

Guardrail Posts - 1.5" Sq.		Wt (lbs)
Model	Description	
SL-15GRP	Aluminum w/Toeboard Clips and Locks	3
SL-71B48M	Pre-Galv. Perforated with guardrail & toeboard locks	9
SL-71B48GC	Pre-Galv. perforated with wire rope & toeboard locks	8
SL-71B48GW	Pre-Galv. perforated with wood rail & toeboard locks	10

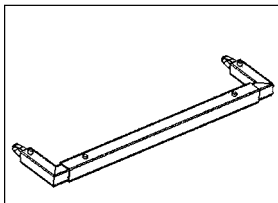
Guardrails (aluminum) - 1.50" sq.		
Model	Length (ft.)	Wt (lbs)
SL-06AL	6	3
SL-08AL	8	4
SL-10AL	10	5
SL-12AL	12	6
SL-14AL	14	7
SL-16AL	16	8
SL-18AL	18	9
SL-20AL	20	10



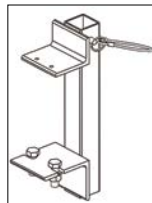
Guardrail Accessories		Wt (lbs)
Model	Description	
SL-84GRC	Guardrail Connector	1
SL-84GRL	Guardrail Lock	.25
SL-84SA	Guardrail Post Adaptor	3
SL-15EREC	Corner Connector	2
SL-35D	Guardrail Lock (wood)	1
SL-84CGRL	Guardrail (wire rope)	.38
SL-15ERL6	Endrail Connector to Vertical Stem	4
SL-24ERL	Endrail Connector w/Corner cConnectors	6
SL-15ER	Endrail (24")	2
SL-84ABAS65	Guardrail Post Adaptor - side (6.5" aluminum beam)	2
SL-84ABA65	Guardrail Post Adaptor - end (6.5" aluminum beam)	2
SL-84ABAS75	Guardrail Post Adaptor - side (7.5" aluminum beam)	3
SL-84ABA75	Guardrail Post Adaptor - end (7.5" aluminum beam)	3



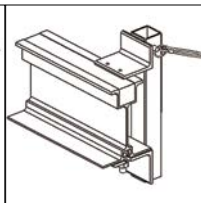
SL-24ERL



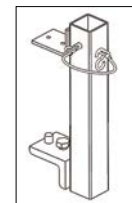
SL-15ER



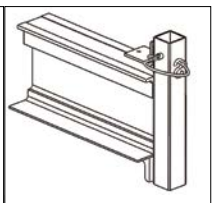
SL-84ABAS65



SL-84ABAS65  
INSTALLED



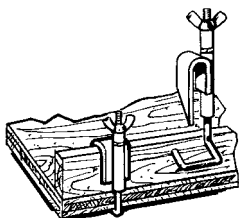
SL-84ABA65



SL-84ABAS65  
INSTALLED

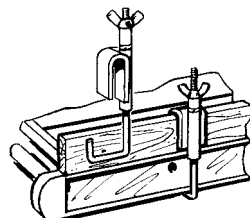
**toeboard clamps**

SL-S80TB

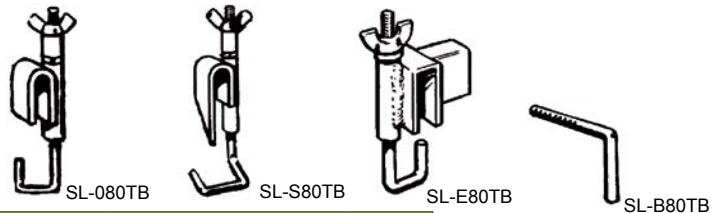


Plywood deck application

SL-080TB



Aluminum Stage application



Toeboard Clamps		Wt (lbs)
Model	Description	
SL-080TB	TB Lock (Alum. Stage)	2
SL-B80TB	TB Lock (GR Post)	1
SL-E80TB	End TB Lock	2
SL-S80TB	Spike TB Lock (wood deck)	2





## CODE OF SAFE PRACTICES

### I GENERAL GUIDELINES

- A. POST THESE SAFETY GUIDELINES** in a conspicuous place and be sure that all persons who erect, use, locate, or dismantle suspended scaffold systems are fully aware of them and also use them in tool box safety meetings.
- B. FOLLOW ALL SWING-LO SUSPENDED SCAFFOLD RECOMMENDATIONS** including safe loading capacities of each suspended scaffold component, as well as all State, Local and Federal codes, ordinances, and regulations relating to suspended scaffolding.
- C. SURVEY THE JOBSITE.** A survey shall be made of the jobsite by a competent person for hazards such as Electrical Power Lines. All hazardous or potential hazardous conditions should be corrected before erecting or using suspended scaffold systems.
- D. INSPECT ALL EQUIPMENT BEFORE EACH USE.** Never use any equipment that is damaged or defective in any way. Mark it or tag it as damaged or defective equipment and remove it from the jobsite.
- E. CARE SHOULD BE USED IN DISTRIBUTING LOADS EVENLY.** Recommended distributed work load must not be exceeded.
- F. DO NOT ERECT, DISMANTLE OR ALTER THE SUSPENDED SCAFFOLD** unless under the supervision of a competent person. The scaffold must be erected **PLUMB** and **LEVEL**.
- G. DO NOT ABUSE OR MISUSE SUSPENDED SCAFFOLD EQUIPMENT** such as hitting with a hammer or a heavy object. Never overload platforms.
- H. ERECTED SUSPENDED SCAFFOLDS SHOULD BE CONTINUOUSLY INSPECTED** by the user to ensure the scaffolds are maintained in a safe condition. Scaffold should be inspected prior to each day's use. Report any unsafe condition to your supervisor.
- I. NEVER TAKE CHANCES! IF IN DOUBT REGARDING THE SAFETY OR USE OF THE SCAFFOLD, CONSULT THE SUPPLIER/MANUFACTURER.**
- J. NEVER USE SUSPENDED SCAFFOLD EQUIPMENT FOR PURPOSES OR IN WAYS FOR WHICH IT WAS NOT INTENDED.** Do not modify or alter any component without express written permission from Swing-Lo Suspended Scaffold Company.
- K. CARE SHOULD BE TAKEN WHEN OPERATING EQUIPMENT DURING WINDY CONDITIONS.**
- L. USE APPROPRIATE DECKING MATERIAL,** such as 4" X 6" Southern Pine, Douglas Fir, or aluminum beam, OSHA compliant scaffold plank, and 3/4" plywood (when using wood deck), or standard aluminum scaffold stage.
- M. THE SCAFFOLD DECK SHOULD HAVE A MINIMUM OVERHANG OF 18" BEYOND THE END SUPPORTS.**
- N. DO NOT WORK ON SUSPENDED SCAFFOLD** if your physical condition is such that you feel dizzy or unsteady in any way.
- O. DO NOT WORK UNDER THE INFLUENCE** of alcohol or illegal drugs.

### II GUIDELINES FOR USE OF SWING-LO SUSPENDED SCAFFOLD SYSTEMS

- A. WEAR FALL PREVENTION EQUIPMENT** when erecting and using suspended scaffold. Fall prevention equipment must be independent of the suspended scaffold, AND the anchorage point must be capable of holding a minimum of 5000 pounds per person attached.
- B. VERIFY THE STRUCTURE WILL SUPPORT** the suspended loads with a safety factor of 4.



Adapted from:  
Scaffold & Access Industry Association (SAIA)  
The Scaffold, Shoring & Forming Institute (SSFI)

## Conditions and Terms of Sale

1. Sales are subject to strikes, accidents, or other causes beyond our control.
2. We guarantee for one year from date of delivery our manufactured products to the extent that we will replace those having manufacturing defects to the when used for the purpose which we recommended. If products are defective, the amount of damage is the price of the defective goods only and no allowance will be made for labor or expense of repairing defective products or damage resulting from the same. We guarantee products we sell of other manufacturers to the extent of the guarantees of their respective makers. No claims for shortages allowed unless made in writing within ten days of receipt of goods.
3. No returns of any products accepted unless our written permission has been first obtained in which case credit will be given subject to the following:
  - (a) All material must, upon arrival at our plant, be found in first-class condition; if not, the cost of putting in salable condition will be deducted from credit.
  - (b) A restocking charge of twenty percent will be made from all credit issued for returns of standard products. No returns on custom designs/materials.
4. All products shipped out will be carefully inspected, counted and packed. Claims for goods damaged or lost in transit should be made to the carrier, as our responsibility ceases on delivery to the carrier.
5. Prices and designs: subject to change without notice. Any co-mingling of components not manufactured or sold as part of the complete system by Swing-Lo is prohibited and voids all warranties.
6. Terms: cash unless otherwise agreed upon.
7. Add fifty dollars for prepaid LTL freight. Add twenty-five dollars for UPS shipments. Add one hundred dollars for express or any non-scheduled and air freight service.
8. Minimum order (net): one hundred dollars; if less, twenty-five dollars service charge. Add four percent service charge for credit card payments.
- (c) Transportation charges must be prepaid and returns must be accompanied by our Return Goods Authorization form.

## Cable Suspended Scaffold Daily Inspection Checklist

- Visually inspect all wire ropes and anchors are secure and in good order with no kinks and not frayed.
- Visually inspect and ensure wire ropes are tensioned to specifications.
- Inspect Vertical Stems and ensure they are plumb and level. Check that all bolts/pins on connections are in place and secure
- Ensure all cable clamps are uniformed and properly tightened. (bolt and pins in place and secured)
- Ensure all deck planks are in good order and properly secured (bolts and pins in place and secure)
- Ensure all trusses/beams are in place and properly secured (bolts and pins in place and secure)
- Inspect all guardrails and posts to ensure all brackets are in place and secured (bolts and pins in place and secure)
- 

Deficiencies Noted and Corrective Action Taken:

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Location \_\_\_\_\_ Time \_\_\_\_\_

Date \_\_\_\_\_ Inspected by \_\_\_\_\_



### Parapet Scaffold Dail Inspection Checklist

- Visually inspect rollers are secure and in proper alignment
- Ensure ladder is properly placed and secured
- Inspect vertical stems and ensure all pins and bolts on connections are in place and secure
- Ensure all horizontal braces are in place and properly secured (bolts and pins in place and secure)
- Ensure all deck planks are in good order and properly secured (bolts and pins in place and secure)
- Ensure all stage brackets are in place and properly secured (bolts and pins in place and secure)
- Inspect all guardrails and posts to ensure all brackets are in place and secured (bolts and pins in place and secure)
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Deficiencies Noted and Corrective Action Taken:

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Location: \_\_\_\_\_ Time: \_\_\_\_\_

Date \_\_\_\_\_ Inspected by \_\_\_\_\_



## Suspended Scaffold Daily Inspection Checklist

- Visually inspect all rollers/wheels are secure and in proper alignment
- Visually inspect all Expansion Bars ensuring they are straight, and no bending has occurred
- Inspect Vertical Stems and ensure they are plumb and level. Check that all bolts/pins on connections are in place and secure
- Ensure all horizontal braces are in place and properly secured (bolt and pins in place and secured)
- Ensure all deck planks are in good order and properly secured (bolts and pins in place and secure)
- Ensure all stage brackets are in place and properly secured (bolts and pins in place and secure)
- Inspect all guardrails and posts to ensure all brackets are in place and secured (bolts and pins in place and secure)
- 
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Deficiencies Noted and Corrective Action Taken:

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Location \_\_\_\_\_ Time \_\_\_\_\_

Date \_\_\_\_\_ Inspected by \_\_\_\_\_





## WHY BUY

### SWING-LO SUSPENDED SCAFFOLDING?

We are a one-stop destination for your suspended scaffolding. A company where safety is paramount, we pride ourselves on our sixty-year history of supplying safe and durable suspended scaffolding worldwide. Contact us or visit us online to discover all the ways our design and engineering professionals can help you find solutions to your access problems.

95% Of Models In Stock For  
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Don't see what you need here? Contact us!  
We will modify your equipment to meet your  
requirements.

60 years of safe, innovative and  
durable suspended scaffolding

Free CAD Drawings  
with quoted catalog models



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problems? Contact us!

Call us at 866 764 8989

or

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