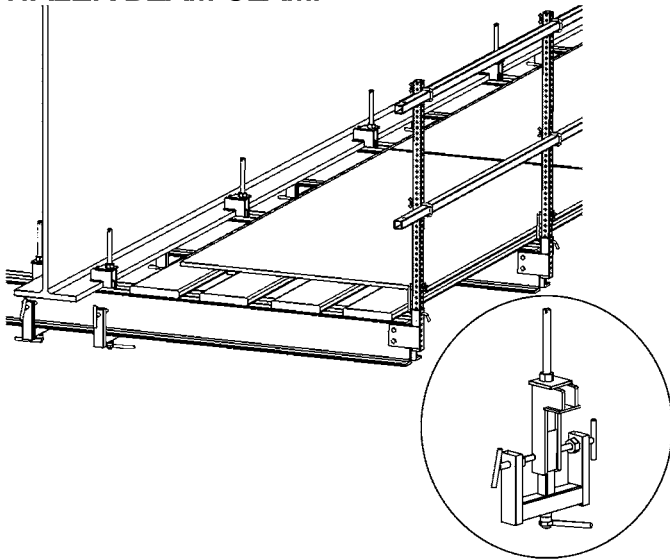


WALER BEAM CLAMP



Waler Beam Clamps, when used in pairs, provide an effective and efficient scaffold. Commonly used when forming and stripping operations on a bridge deck or fascia require a wider working platform.

Swing-Lo Waler Beam Clamps 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 working deck. Waler Beam Clamps should be evenly spaced (24" - 30" apart) on both the fascia beam flange and a second interior beam flange to accommodate the wood, aluminum, or steel channels 10' to 16' long.

After Waler Beams are spaced and positioned, 2" x 10" x 14' planks are staggered approximately 2' on center and covered with plywood decking. Guardrail Posts with Toeboards complete the Fascia Waler Scaffold Assembly.

Safe Working Load Specifications:

The Waler Beam Clamp is designed to support a pair (2 each) of structural members as a cantilever, off a minimum of two (2) beams.

Determination of the decking support should be performed by a licensed engineer. Choice of structural members must consider the following:

- 1) Factor of safety of 4:1, based on desired distributed live load.
- 2) End point concentrated load not more than 500 lbs. with 4:1 safety factor, and
- 3) Maximum deflection when fully loaded.

Total loads shall not exceed Waler Clamp rated load of 2000 lbs., based on the square area of the support members and clamp. The ends of the structural support members should be braced adequately.

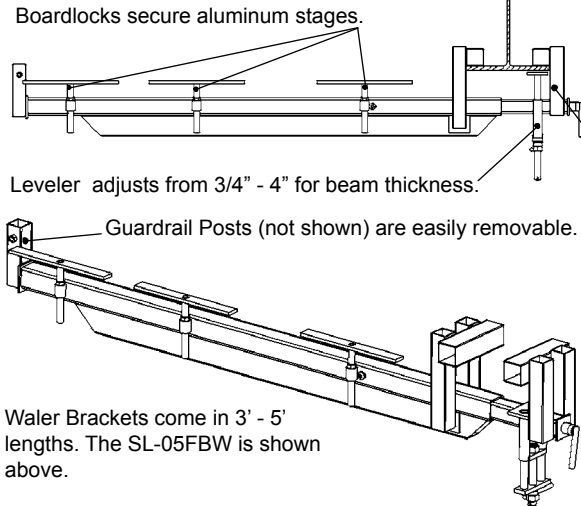
WALER BEAM CLAMP

MODEL	DESCRIPTION	WT
FB-C6S	Waler Beam Clamp	35

Swing-Lo Suspended Scaffold does not assume any liability for use of materials that have not been examined and approved by a certified engineer. We can, however, for a nominal fee provide stamped loading recommendations for structural members that can be used.

WALER FASCIA BEAM BRACKET

The Waler Bracket is used as a temporary "cat-walk" 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 BEAM BRACKET

MODEL	DESCRIPTION	BEAM WIDTH	BEAM THICKNESS
SL-03FBWA	3 ft. Waler Fascia Beam Bracket	8" - 18"	3/4" - 4"
SL-03FBWB	3 ft. Waler Fascia Beam Bracket	14" - 24"	3/4" - 4"
SL-04FBWA	4 ft. Waler Fascia Beam Bracket	8" - 18"	3/4" - 4"
SL-04FBWB	4 ft. Waler Fascia Beam Bracket	14" - 24"	3/4" - 4"
SL-05FBWA	5 ft. Waler Fascia Beam Bracket	8" - 18"	3/4" - 4"
SL-05FBWB	5 ft. Waler Fascia Beam Bracket	14" - 24"	3/4" - 4"

Jaw adjusts to fit a wide range of flange widths. See chart above.

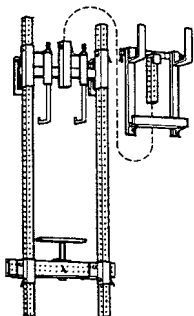
Safe Working Load Limits:

All Waler Fascia Beam Brackets are designed to support 250 lbs. per foot with 4:1 safety factor. Spacing and working loads are determined as follows:

EX: 4 ft. Waler Bracket = 4ft. X 250 Lbs. = 1000 lbs.
 1000 lbs. divided by desired working load of 25 lbs./sq./ft =

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

CHORD CLAMP



The SL-84CC Chord Clamp Assembly is designed to lock onto bridge structures. Standard clamp has a rated load of 1000 lbs. and is 30 inches in width. Clamp comes with J-Bolts for anchoring and a ladder clamp for easy access to the platform. Other widths available on request.

SL-84CC CHORD CLAMP ASSEMBLY

MODEL	DESCRIPTION	QTY	WT
SL-84CC	Chord Clamp	2	102
SL-71A72	72" Stems	4	50
SL-70TS(CC)	Truss Support	4	24
SL-70C36M	36" Truss	2	20
SL-70L	Board Locks	2	9
SL-35C	Safety Rail Brackets	8	12
Total Weight: 227 lbs.			