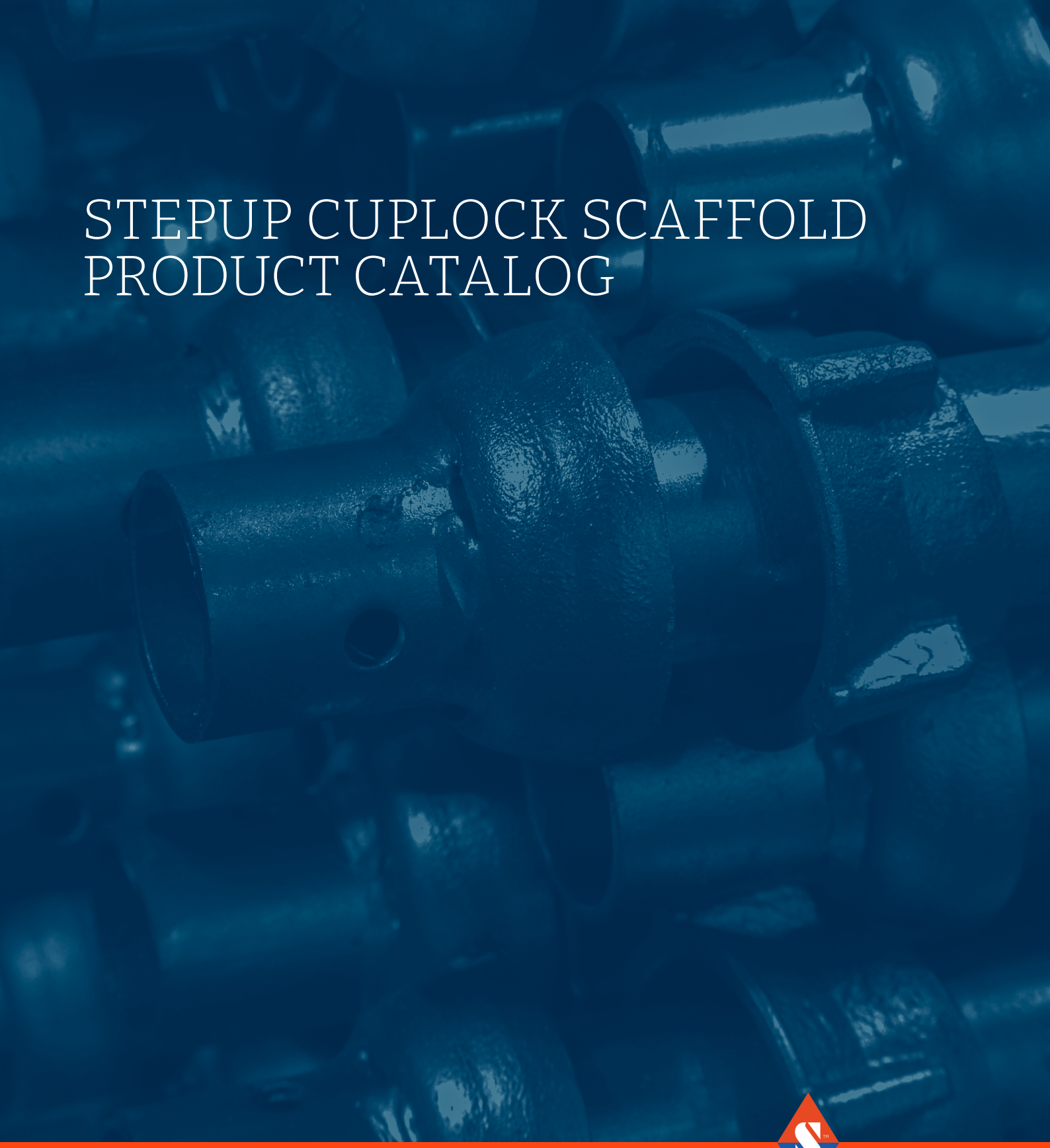


STEPUP CUPLOCK SCAFFOLD PRODUCT CATALOG

STEPUP

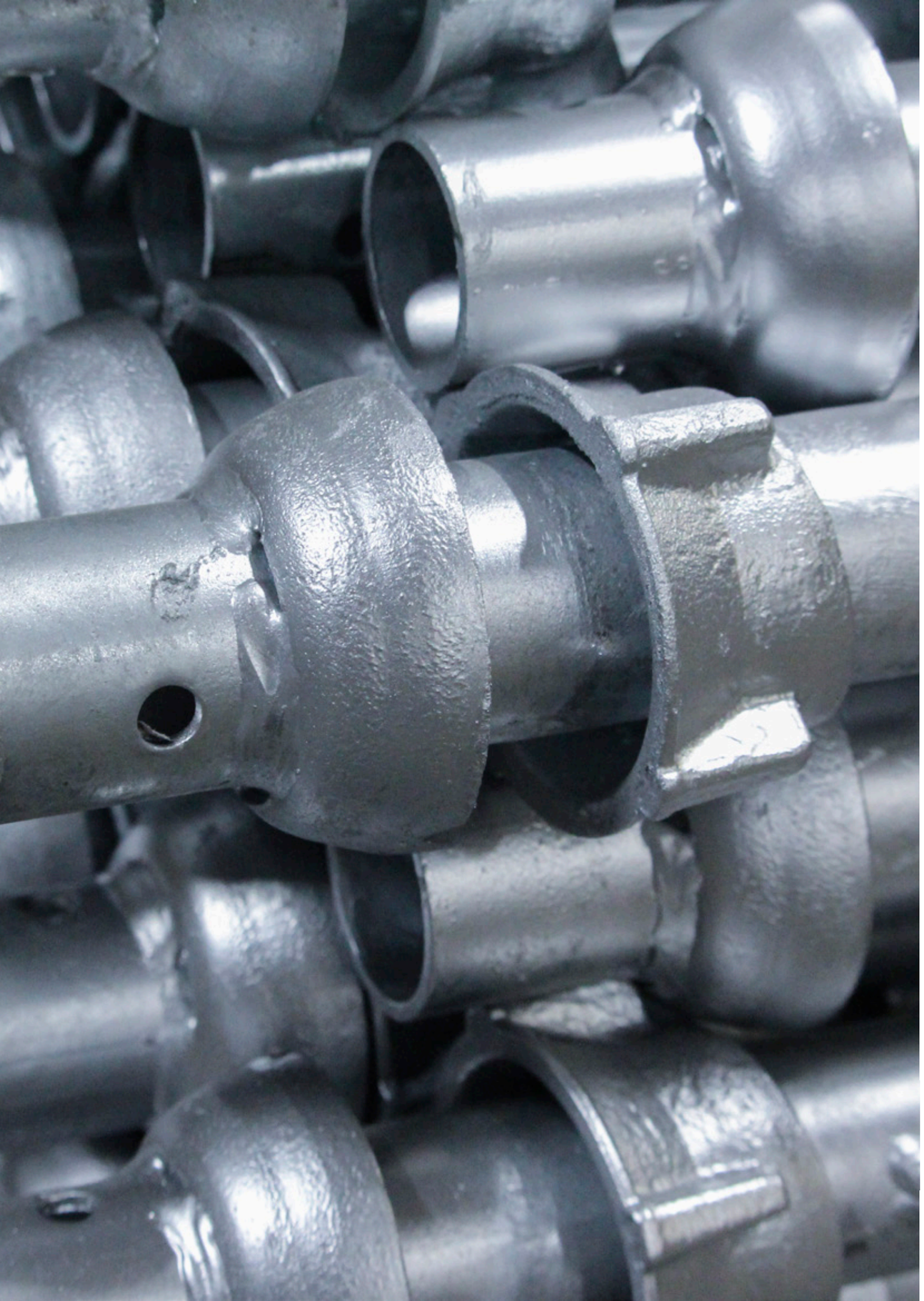


Table of Contents

STEPUP CUPLOCK

INTRODUCTION

PREFACE

This document is subject to periodic revision and updating. Before designing scaffolds with STEPUP Cuplock Systems components, refer to this document on www.stepupscaffold.com to be sure you are using the most current revision.

- The data inside this document is based upon the load-carrying capacity of the individual components. The total loads (component weight, plank weight, live load, material load, wind load, etc) to be imposed on the complete assembly must be considered. ALL loads on individual members are transmitted to other components and ultimately to the ground. Compensation for these cumulative vertical and horizontal loads must be provided for each individual scaffold application.
- The data inside this document is verified by independently owned testing facilities such as Stork Laboratory, SGS, and Intertek in both the U.S. and in China in addition to the testing done by the STEPUP Engineering Department.
- All charts and data are provided for reference only. See profession aor competent person's assistance when designing and erecting scaffolding for specific projects.
- THIS DOCUMENT IS NOT TO BE REPRODUCED IN PART OR IN WHOLE WITHOUT THE EXPRESS PERMISSION OF STEPUP SCAFFOLD.
- Copies of complete Safety Guidelines for these and other products are available on our website, stepupscaffold.com or calling STEPUP Scaffold at 713.678.8877.

All drawings in this guide are for illustrative purposed only. This guide is intended for general information purposes only. Because of the many variables which affect the performance of the product line, some of the information in this manual man not apply. For specific applications, contact STEPUP Scaffold.

All scaffold shall be erected, modified, and dismantles only under the supervision of a Competent Person. Erection, use, maintenance, and disassembly must conform to current manufacturer's instructions as well as all federal, state, provincial, and local regulations. SERIOUS INJURY or DEATH can result from YOUR FAILURE to familiarize yourself, and comply with ALL applicable safety requirements of PROVINCIAL regulations before erecting, using, or dismantling this scaffold.

This catalog shows availability of component sizes and combination sizes. The STEPUP warehouses around the globe maintain an inventory of the most commonly used items for the region they are located. Some infrequently used components may require an advance notice before order can be fulfilled.

⚠ WARNING

FALL ARREST EQUIPMENT ATTACHED TO SCAFFOLD MAY NOT PREVENT SERIOUS INJURY OR DEATH IF A FALL OCCURS.

⚠ WARNING

THIS DOCUMENT IS INTENDED FOR USE BY EXPERIENCED SCAFFOLD ENGINEERS. USE BY UNQUALIFIED PERSONS MAY RESULT IN DEATH, SERIOUS PERSONAL INJURY, OR PROPERTY DAMAGE.

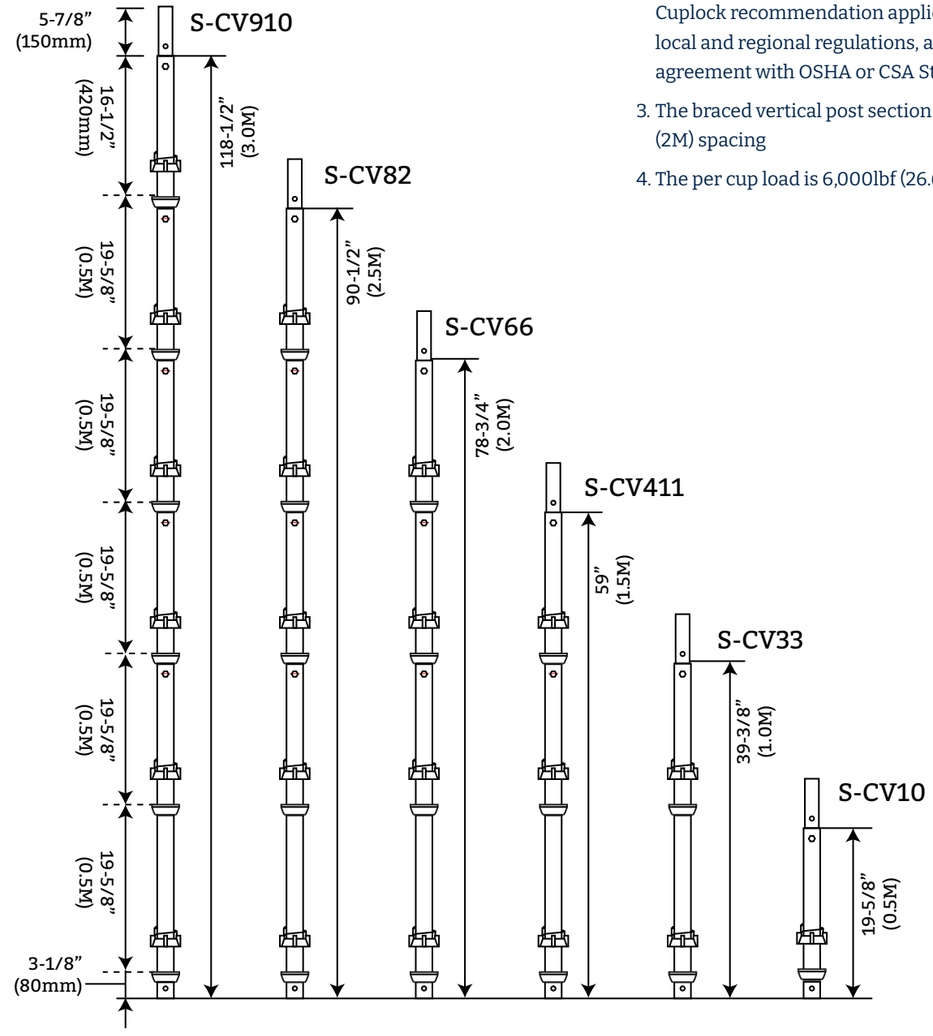
LOADING INFORMATION CONTAINED IN THIS DOCUMENT IS BASED UPON THE LOAD-CARRYING CAPACITY OF THE INDIVIDUAL COMPONENTS. THE TOTAL LOADS (COMPONENT WEIGHT, PLANK WEIGHT, LIVE LOAD, MATERIAL LOAD, WIND LOAD, ETC.) TO BE IMPOSED ON THE COMPLETE ASSEMBLY MUST BE CONSIDERED. ALL LOADS ON INDIVIDUAL MEMBERS ARE TRANSMITTED TO OTHER COMPONENTS AND ULTIMATELY TO THE GROUND. COMPENSATION FOR THESE CUMULATIVE VERTICAL AND HORIZONTAL LOADS MUST BE PROVIDED FOR EACH INDIVIDUAL SCAFFOLD APPLICATION.

⚠ WARNING

SERIOUS INJURY OR DEATH CAN RESULT FROM YOUR FAILURE TO FAMILIARIZE YOURSELF, AND COMPLY WITH ALL APPLICABLE SAFETY REQUIREMENTS OF PROVINCIAL REGULATIONS BEFORE ERECTING, USING, OR DISMANTLING THIS SCAFFOLD.

VERTICAL POSTS

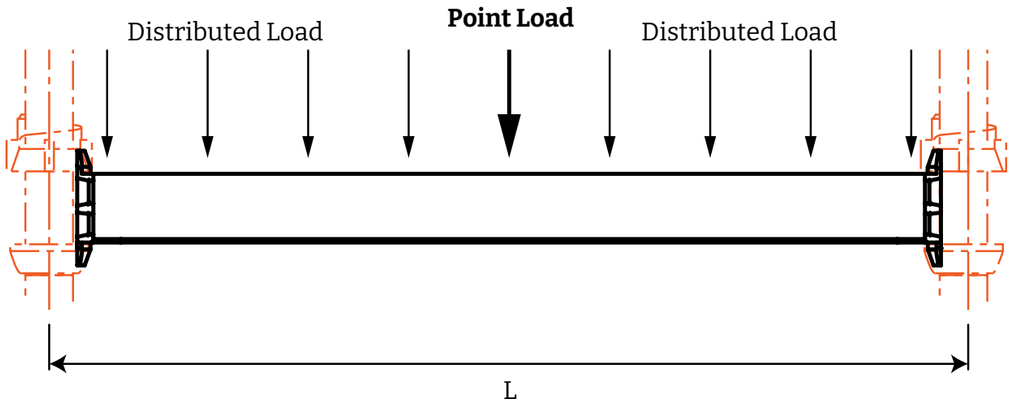
Item Number	L		Number of Cups	Weight	
	In.	M		Lbs	Kg
S-CV10	19 5/8	0.50	1	7.4	3.4
S-CV33	39 3/8	1.00	2	13.0	5.9
S-CV411	59 /8	1.50	3	18.6	8.5
S-CV66	78 6/8	2.00	4	24.2	11.0
S-CV82	98 3/8	2.50	5	29.8	13.5
S-CV910	118 1/8	3.00	6	35.4	16.1



The maximum compress load for STEPUP Cuplock System Scaffold Vertical Post is 4,450 lbf (19.8kN) when the horizontal spacing is less than 6' (1.828M) or 3,950lbf (17.57kN) when the horizontal spacing is at 8' (2.238M) under the following conditions.

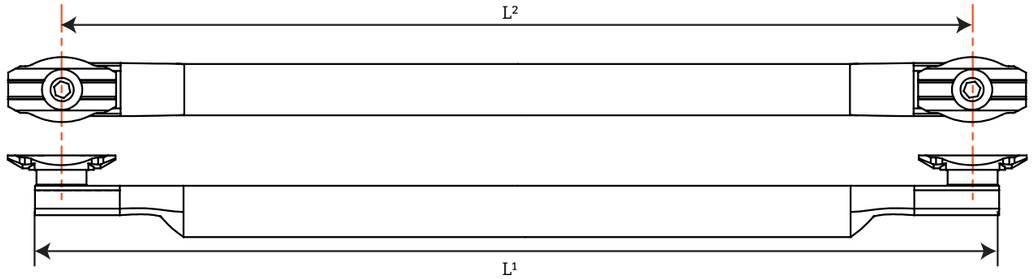
1. Used in good shape, and erected by an experienced person
2. In accordance to manufacturer's Cuplock recommendation applicable local and regional regulations, and in agreement with OSHA or CSA Standards
3. The braced vertical post section is at 78" (2M) spacing
4. The per cup load is 6,000lbf (26.69kN)

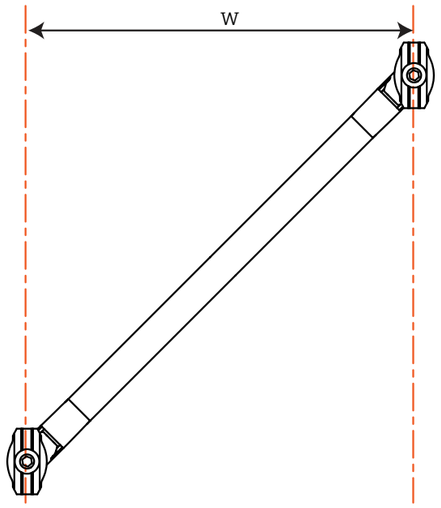
HORIZONTALS



Item Number	L - Effective Length		Weight		Uniform Distributed Load		Center Point Load	
	In.	mm	Lbs	Kg	lbf	kN	lbf	kN
S-CH10	12 /8	305	3.2	1.44	600	2.67	900	4.00
S-CH110	22 /8	560	5.2	2.34	600	2.67	900	4.00
S-CH27	31 /8	788	7.0	3.16	600	2.67	900	4.00
S-CH211	35 3/8	900	7.8	3.55	600	2.67	900	4.00
S-CH30	36 /8	914	7.9	3.6	600	2.67	900	4.00
S-CH36	42 /8	1,067	9.1	4.15	550	2.45	880	3.91
S-CH40	48 /8	1,219	10.3	4.69	500	2.22	850	3.78
S-CH41	49 2/8	1,250	10.6	4.8	485	2.16	840	3.74
S-CH50	60 /8	1,524	12.7	5.77	370	1.65	820	3.65
S-CH60	72 /8	1,829	15.1	6.86	240	1.07	740	3.29
S-CH70	84 /8	2,134	17.5	7.94	180	0.80	640	2.85
S-CH80	96 /8	2,438	19.9	9.03	120	0.53	490	2.18
S-CH90	108 /8	2,743	22.3	10.11	75	0.33	250	1.11
S-CH100	120 /8	3,048	24.7	11.19	75	0.33	250	1.11
S-CHM1300	51 1/8	1,300	11.0	4.98	465	2.07	835	3.71
S-CHM1800	70 7/8	1,800	14.9	6.76	245	1.09	750	3.34
S-CHM2500	98 3/8	2,500	20.4	9.25	145	0.64	465	2.07

SWIVEL FACE BAY BRACES

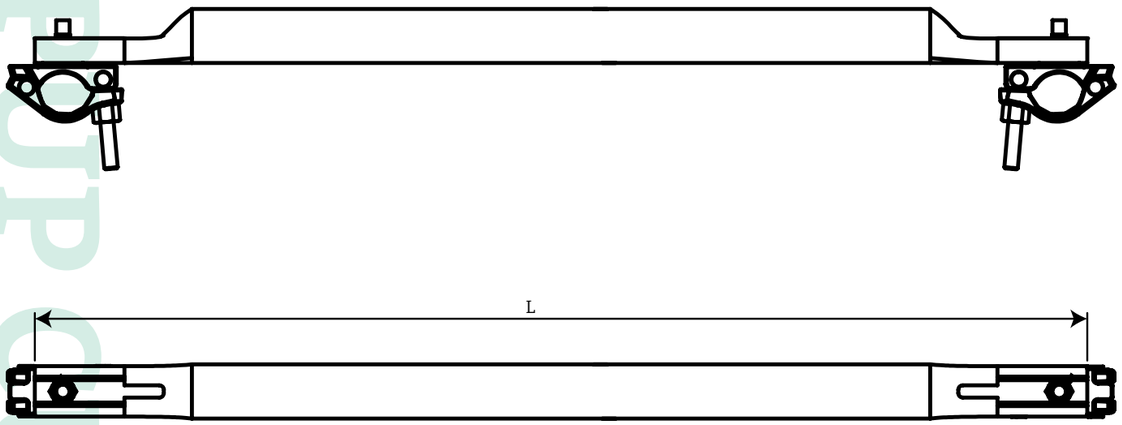




Item Number	W - Bay Width		L1 - Actual Length		L2 - Effective Length		Weight	
	Ft	M	In.	mm	In.	mm	Lbs	Kg
S-CFB50	5	1.52	101	2,565	99	2,515	22.3	10.1
S-CFB70	7	2.13	117 1/8	2,975	115 1/8	2,925	25.6	11.6
S-CFB80	8	2.44	126 1/8	3,204	124 1/8	3,154	26.5	12.0
S-CFB100	10	3.05	145 1/2	3,696	143 1/2	3,646	31.2	14.2

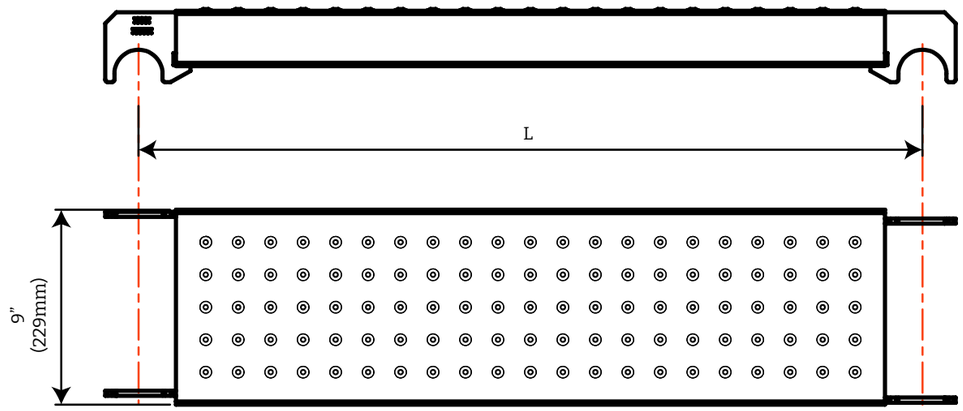
Item Number	W - Bay Width		L1 - Actual Length		L2 - Effective Length		Weight	
	In	M	In.	mm	In.	mm	Lbs	Kg
S-CFBM1800	70 7/8	1.8	107 7/8	2,741	105 7/8	2,691	23.7	10.8
S-CFBM2500	98 3/8	2.5	128	3,252	126	3,202	27.3	12.4

SWIVEL CLAMP BAY BRACES



Item Number	Bay Width		L		Weight	
	Ft	M	In.	mm	Lbs	Kg
S-CCB50	3 - 5	0.9 - 1.5	79 8/8	2,031	16.1	7.3
S-CCB70	5 - 7	1.6 - 2.1	117 1/8	2,975	21.8	9.9
S-CCB80	6 - 8	1.9 - 2.4	126 1/8	3,204	23.1	10.5
S-CCB82	6 - 8-1/2	1.9 - 2.5	128 /8	3,252	23.4	10.6
S-CCB100	8-1/2 - 10	2.6 - 3.0	145 1/2	3,696	26.1	11.8

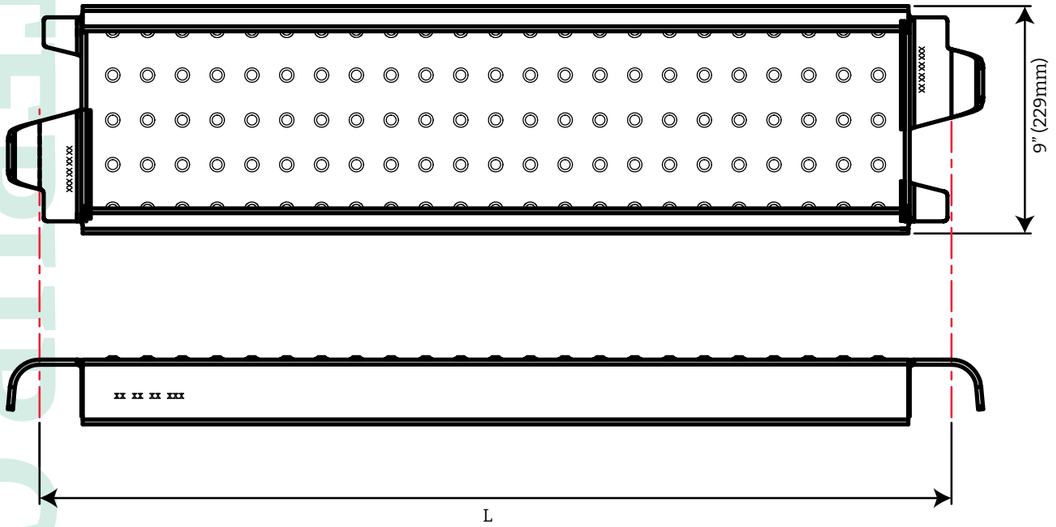
9" WIDE STEEL PLANKS



Item Number	L		Weight		Uniform Distributed Load*		Center Point Load	
	In	mm	Lbs	Kg	lbf	kN	lbf	kN
S-SP2	24 /8	610	10.3	4.7	944	4.20	760	3.38
S-SP3	36 /8	914	14.1	6.4	930	4.14	760	3.38
S-SP36	42 /8	1067	16.0	7.3	1351	6.01	610	2.71
S-SP4	48 /8	1219	17.9	8.1	1200	5.34	540	2.40
S-SP54	54	1219	20.0	9.1	1100	4.89	490	2.18
S-SP5	60 /8	1524	21.7	9.9	1025	4.56	440	1.96
S-SP6	72 /8	1829	25.6	11.6	900	4.00	365	1.62
S-SP7	84 /8	2134	29.4	13.3	720	3.20	320	1.42
S-SP8	96 /8	2438	33.2	15.1	640	2.85	275	1.22
S-SP9	108 /8	2743	37.0	16.8	540	2.40	250	1.11
S-SP10	120 /8	3048	40.8	18.5	480	2.14	240	1.07

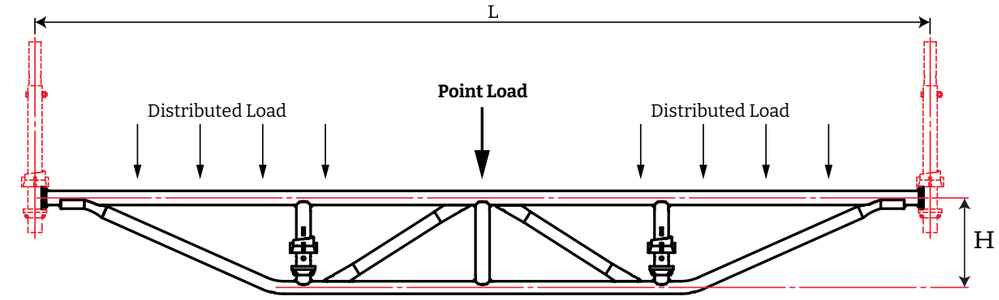
**Total load on plank evenly distributed across entire length of plank component.*

9” WIDE DOG EAR STEEL PLANKS

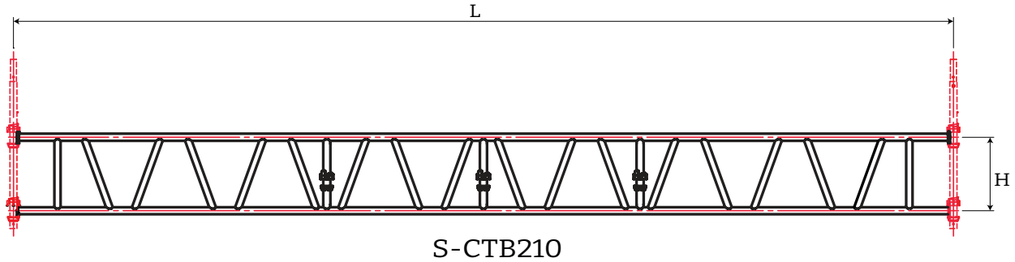


Item Number	L		Weight	
	In	mm	Lbs	Kg
S-SP27-DE	31 /8	787.40	13.1	5.9
S-SP3-DE	36 /8	914.40	14.7	6.7
S-SP36-DE	42 /8	1,066.80	16.6	7.5
S-SP4-DE	48 /8	1,219.20	18.5	8.4
S-SP5-DE	60 /8	1,524.00	22.3	10.1
S-SP6-DE	72 /8	1,828.80	26.1	11.9
S-SP7-DE	84 /8	2,133.60	29.9	13.6
S-SP8-DE	96 /8	2,438.40	33.7	15.3
S-SP9-DE	108 /8	2,743.20	37.5	17.0
S-SP10-DE	120	3,048.00	48.0	21.7
S-SPM0885-DE	34 5/8	880	14.3	6.5
S-SPM1150-DE	45 2/8	1150	17.6	8.0
S-SPM1572-DE	61 7/8	1572	22.9	10.4
S-SPM2572-DE	101 2/8	2572	35.4	16.1

DOUBLE LEDGERS



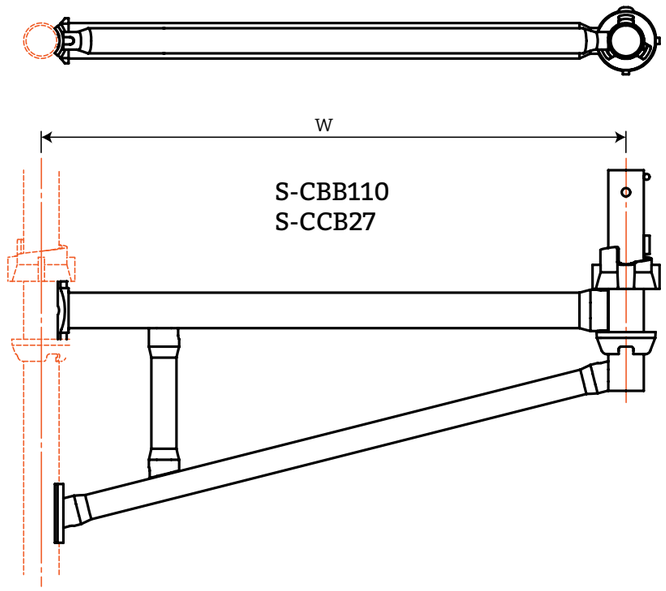
S-CTBx

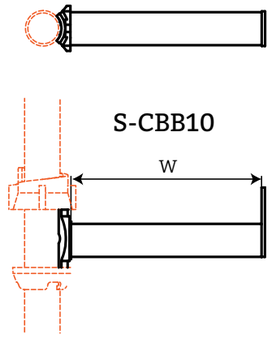


S-CTB210

Item Number	L		H		Weight		Uniform Distributed Load		Center Point Load	
	In.	mm	In.	mm	Lbs	Kg	lbf	kN	lbf	kN
S-CTB50-R	5	1.52	9 /8	229	23.8	10.8		0.00		0.00
S-CTB70-R	7	2.13	9 /8	229	29.2	13.2	710	3.16	3050	13.56
S-CTB80-R	8	2.44	12 /8	305	44.9	20.4	690	3.07	2700	12.01
S-CTB90-R	9	2.74	12 /8	305	50.9	23.1	560	2.49	2400	10.68
S-CTB100-R	10	3.05	12 /8	305	60.9	27.6	490	2.18	2000	8.90
S-CTB120-R	12	3.66	12 /8	305	70.7	32.1		0.00		0.00
S-CTB140-R	14	4.27	13 7/8	352	80.5	36.5	260	1.16	1800	8.00
S-CTB160-R	16	4.88	15 7/8	403	89.9	40.8	250	1.11	1800	8.00
S-CTB180-R	18	5.49	15 7/8	403	96.1	43.6	200	0.89	1800	8.00
S-CTB210	21	6.40	19 5/8	500	167.1	75.8		0.00		0.00

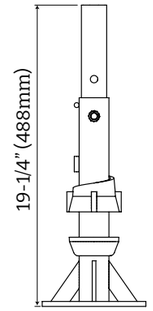
BOARD BRACKETS



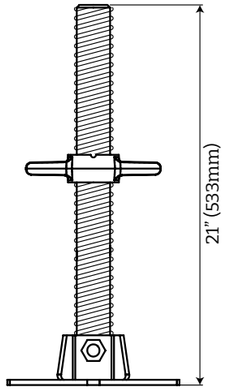


Item Number	W		Number of Boards	Weight	
	In.	mm		Lbs	Kg
S-CBB10	12	305	1	3.9	1.8
S-CBB110	22 1/4	565	2	12.0	5.5
S-CBB27	31 1/4	795	3	14.8	6.7

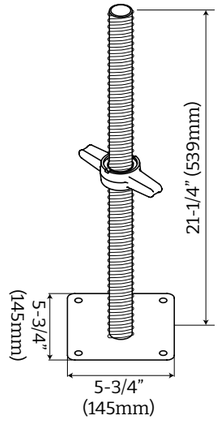
BASE JACKS & ACCESSORIES



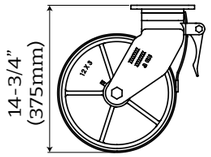
S-CCA



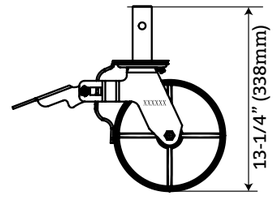
S-SJS



S-SJB



S-CU12



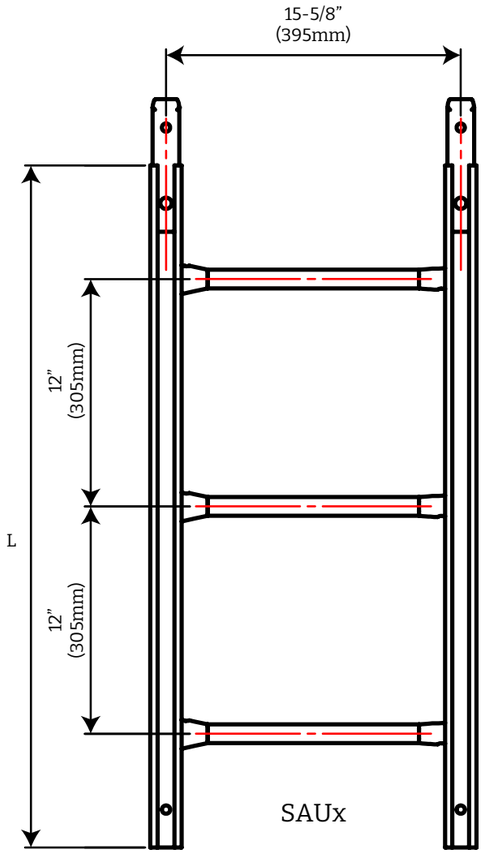
C8P

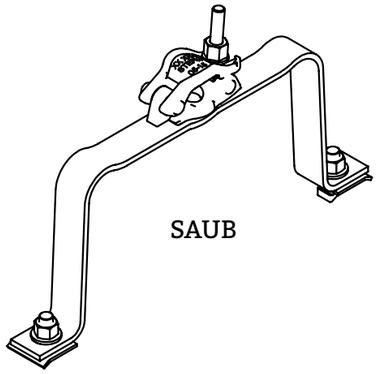
Item Number	Description	Weight		Max Allowable Compression Load					
				Handle Extended 6"		Handle Extended 12"		Handle Extended 18"	
		Lb.	Kg	lbf	kN	lbf	kN	lbf	kN
S-SJB	**System crew Jack**	8.5	3.9	14,000	62.3	12,000	53.4	11,000	48.9
S-SJS	**System Swivel Screw Jack**	11.2	5.1	12,000	53.4	11,300	50.3	11,000	48.9
S-CCA	**Cuplock Caster Adapter**	9.4	4.3	-		-		-	
S-CU12	**12" Scaffold Caster***	3.2	1.5	-		-		-	
C8P	**8" Scaffold Caster****	13.4	6.1	-		-		-	

** Max. load 3,000 lbs. (1,360 Kg). For use with Cuplock Caster Adapter.*

*** Max. load 800 lbs. (360 Kg)*

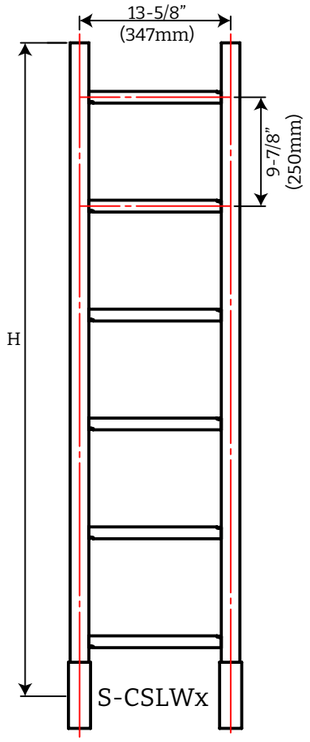
LADDER & LADDER BRACKET

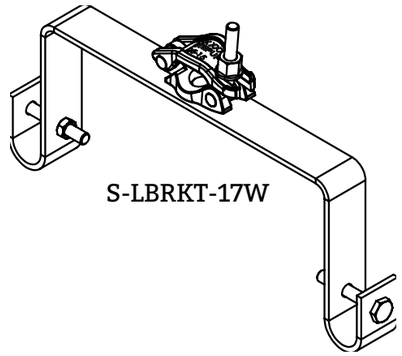




Item Number	Description	L		Number of Rungs	Weight	
		Ft	M		Lbs	Kg
SAU3	3' Ladder	3	0.91	3	10.3	4.7
SAU6	6' Ladder	6	1.83	6	19.5	8.9
SAUB	Lader Bracket	-		-	6.0	2.7

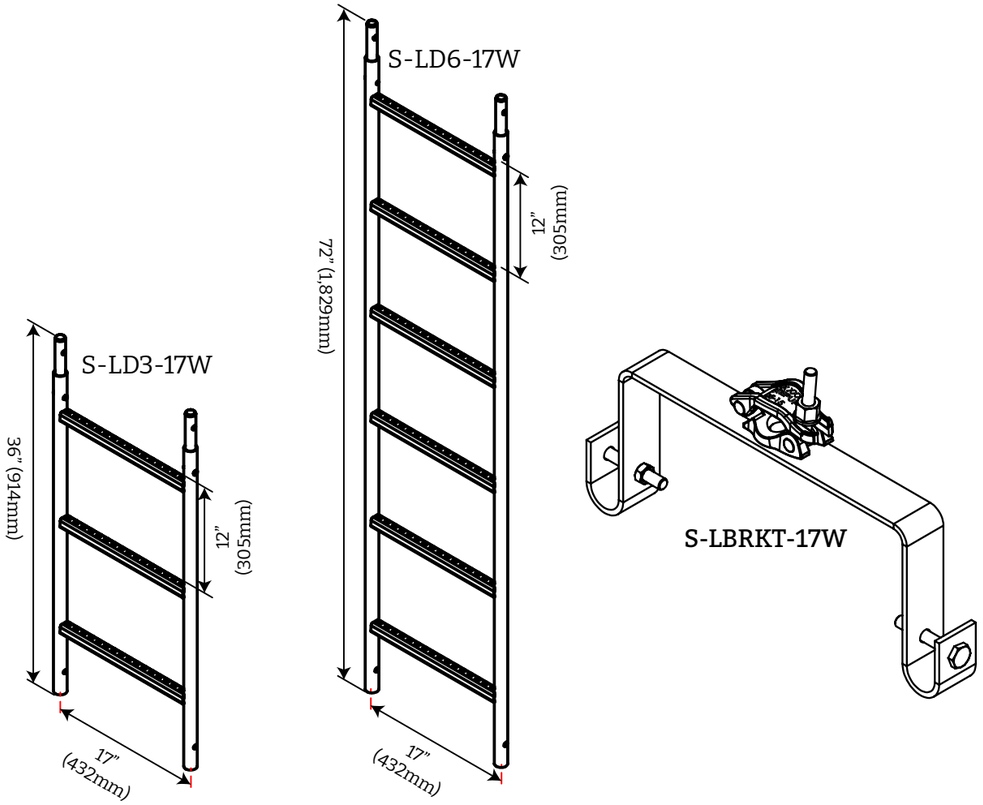
TUBULAR LADDER & LADDER BRACKET





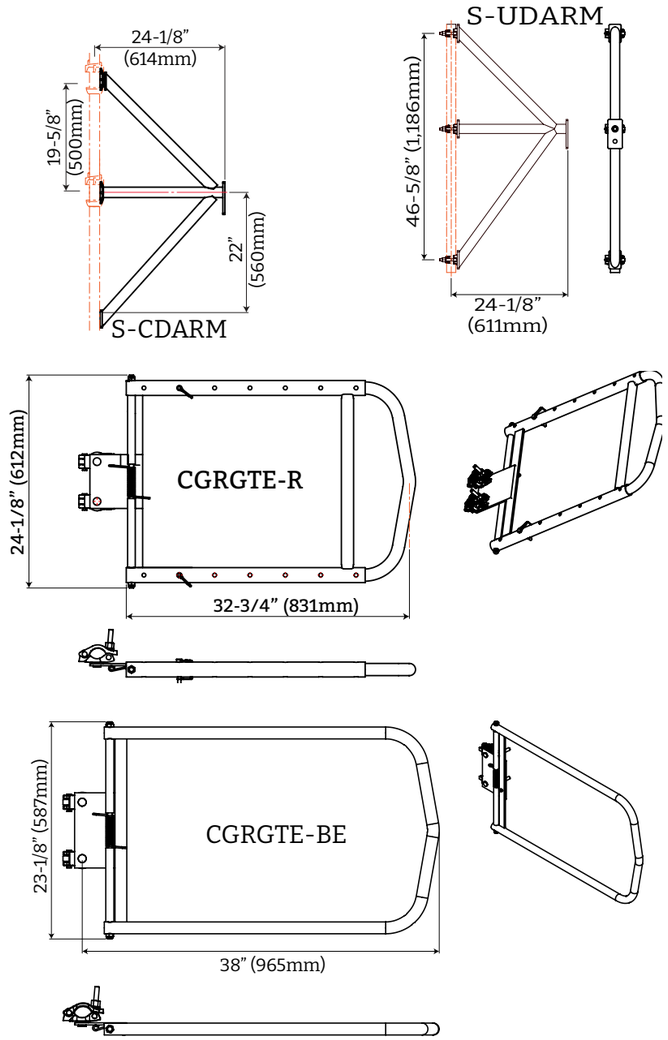
Item Number	Description	H		Number of Rungs	Weight	
		In.	mm		Lbs	Kg
S-CSLW3	3' Tubular Ladder	39 3/8	1,000	4	16.1	7.3
S-CSLW5	5' Tubular Ladder	59 /8	1,500	6	23.3	10.6
S-CSLW10	10' Tubular Ladder	118 1/8	3,000	12	45.0	20.4
S-CSBW	Ladder Bracket	-		-	9.1	4.1

17” WIDE LADDER & LADDER BRACKET



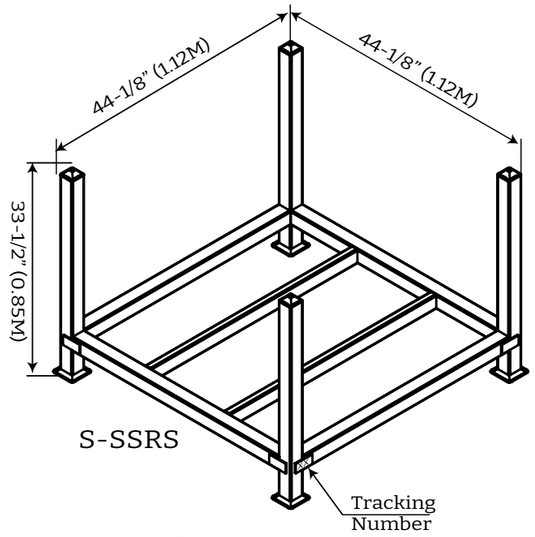
Item Number	Description	H		Number of Rungs	Weight	
		In.	mm		Lbs	Kg
S-LD3-17W	3’ Ladder	39 3/8	1,000	3	16.1	7.3
S-LD6-17W	17’ Ladder	59 /8	1,500	6	23.3	10.6
S-lbrkt-17W	Ladder Bracket	-		-	9.1	4.1

SCAFFOLD ACCESSORIES

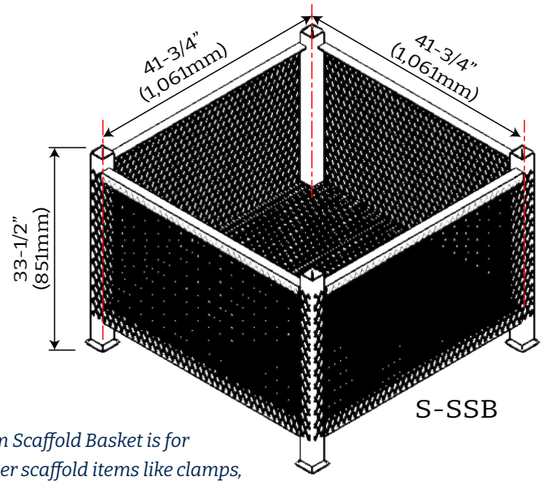


Item Number	Description	Weight	
		Lb.	Kg
S-CDARM	**Cuplock Davit Arm**	24.0	10.9
S-UDARM	**Universal Davit Arm**	24.7	11.2
CGRGTE-B	**Fixed Scaffold Swing Gate**	18.0	8.2
CGRGTE-R	**Adjustable Scaffold Swing Gate**	29.1	13.2

STORAGE RACKS & BASKETS



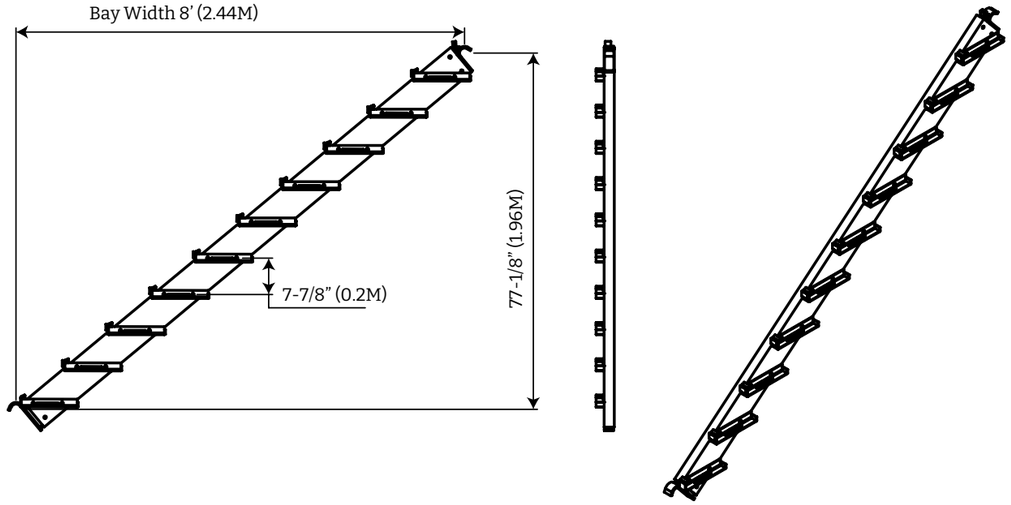
S-SSRS: System Scaffold Storage Rack is for storing ledgers, verticals, planks, and other larger items.



S-SSB: System Scaffold Basket is for storing smaller scaffold items like clamps, screw jacks, caster adapters, etc.

Item Number	Description	Weight	
		Lbs	Kg
S-SSRS	System Scaffold Rack	102.8	46.6
S-SSB	System Scaffold Basket	173.5	78.7

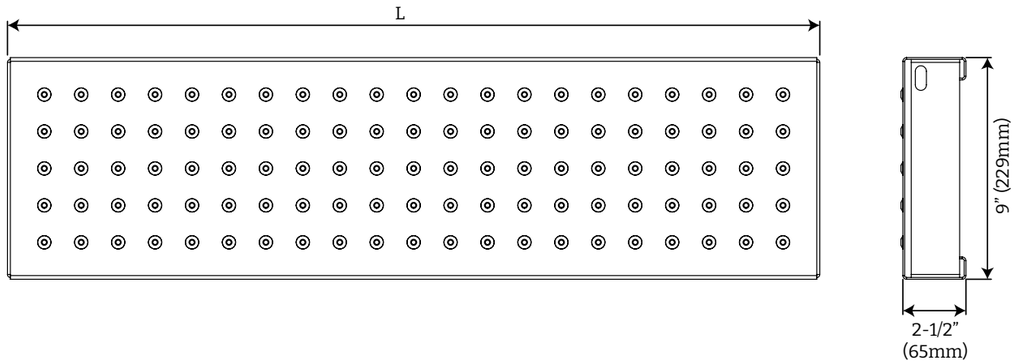
STAIR STRINGERS

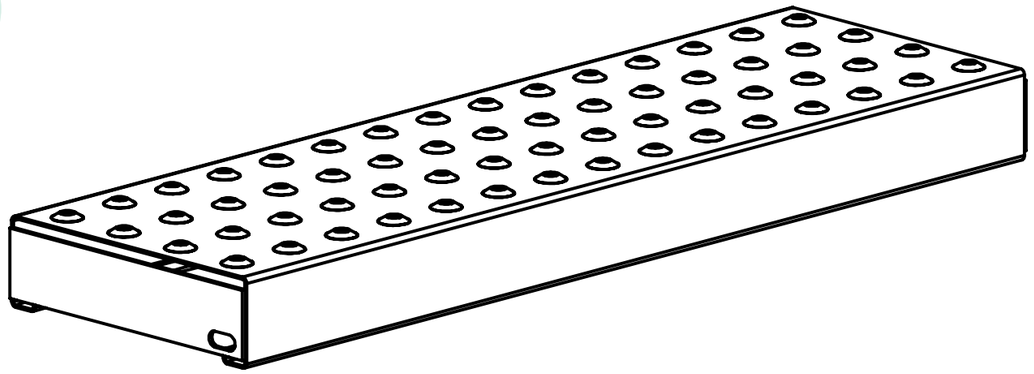


Item Number	Description	Weight	
		Lbs	Kg
S-CSSL80	Aluminum Left Stair Stringer	27.9	12.7
S-CSSR80	Aluminum Right Stair Stringer	27.9	12.7

The 20-step stair units (S-CCSL80 and S-CSSR80) have a maximum load rating of 100 lb/sq. ft (4.5kN/sq. M) at 8 foot (2.44M) flight width.

STAIR TREADS



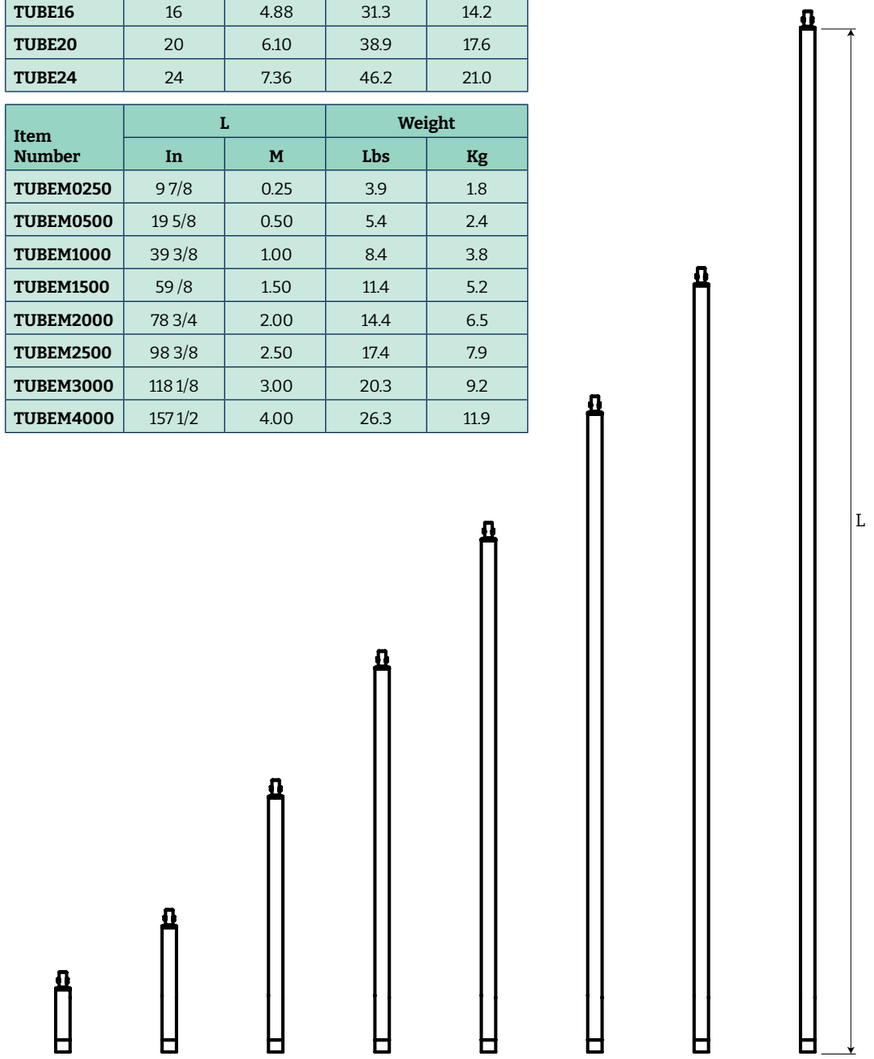


Item Number	L		Min. Required Scaffold Bay Width		Weight	
	In	mm	In	mm	Lbs	Kg
S-ST30	30 /8	762	40	1,016	10.8	4.9
S-ST36	36 /8	914	46.0	1,168	12.7	5.8
S-ST42	42 /8	1,067	52.0	1,321	14.6	6.6

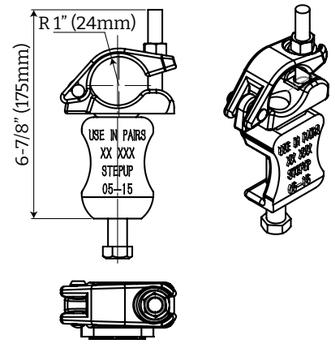
TUBES

Item Number	L		Weight	
	Ft	M	Lbs	Kg
TUB2	2	0.61	6.0	2.7
TUBE4	4	1.22	9.7	4.4
TUBE6	6	1.83	13.2	6.0
TUB8	8	2.44	17.0	7.7
TUBE10	10	3.05	20.5	9.3
TUBE13	13	3.96	26.0	11.8
TUBE16	16	4.88	31.3	14.2
TUBE20	20	6.10	38.9	17.6
TUBE24	24	7.36	46.2	21.0

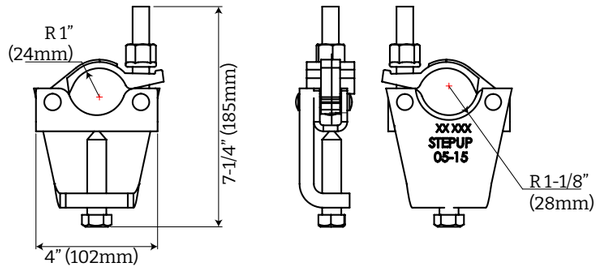
Item Number	L		Weight	
	In	M	Lbs	Kg
TUBEM0250	9 7/8	0.25	3.9	1.8
TUBEM0500	19 5/8	0.50	5.4	2.4
TUBEM1000	39 3/8	1.00	8.4	3.8
TUBEM1500	59 /8	1.50	11.4	5.2
TUBEM2000	78 3/4	2.00	14.4	6.5
TUBEM2500	98 3/8	2.50	17.4	7.9
TUBEM3000	118 1/8	3.00	20.3	9.2
TUBEM4000	157 1/2	4.00	26.3	11.9



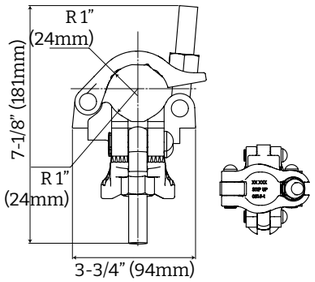
CLAMPS



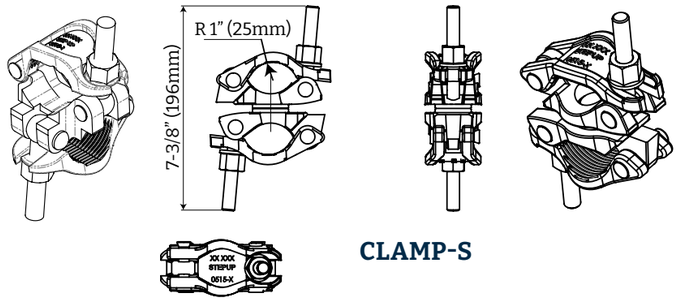
CLAMP-IBTC-S



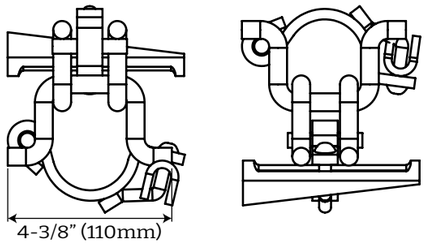
CLAMP-IBTC



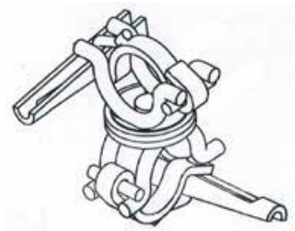
CLAMP-R



CLAMP-S



WEDGE-CLAMP-R



WEDGE-CLAMP-S

Item Number	Description	Weight	
		Lbs	Kg
CLAMP-IBTC-S	Swivel Beam Clamp	3.3	1.5
CLAMP-IBTC	I-Beam Tube Clamp	3.6	1.6
CLAMP-R	Right Angle Clamp Forged-UK Style	3.4	1.6
CLAMP-S	Drop Forged Swivel Coupler-UK Style	3.8	1.7
WEDGE-CLAMP-S	Swivel Wedge Clamp	3.6	1.6
WEDGE-CLAMP-R	Right Angle Wedge Clamp	3.2	1.5

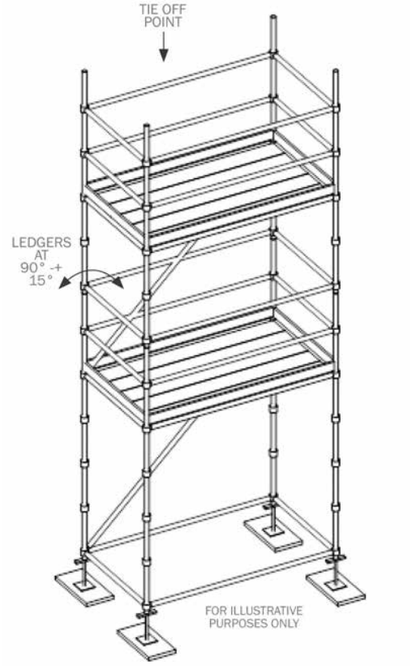
SAFE TIE OFF GUIDE SHEET

There are many factors affecting the probability of safe tie off to scaffolding systems in general. These include the type of lanyard and harness being used and the configuration and stability of the scaffold system they're being tied to.

For these reasons, to prevent failure, the decision to tie the scaffolding should be left to a competent person on site, due to the considerable variation in scaffold configuration and the anchoring to existing structures. In all cases, the scaffold must be correctly installed with the diagonals or cross braces in place.

The STEPUP Scaffold Cuplock System, based on independent testing, meets or exceeds the OSHA suggested strength capabilities to provide tie off points, provided the scaffold has been installed properly, approved for tie off by a competent person, and follows the following guidelines.

- **HORIZONTALS/LEDGERS** used for tie offs
  - Horizontals must be connected at both ends.
  - No more than one person can be tied to the same horizontal.
  - Horizontals longer than 8 feet (2.44M) are not to be used as a tie off.
- **LANYARDS**
  - A lanyard with a deceleration device must be used.
  - The lanyard should be attached to the ledger using a double locking snap hook.
  - Do not attach the lanyard to itself, around a ledger, or to a standard.
  - A full body harness must be worn at all times.
- **BRACING**
  - Bracing is not a recommended tie off point.



⚠ WARNING

SERIOUS INJURY OR DEATH CAN RESULT FROM FAILURE TO COMPLY WITH ALL APPLICABLE REQUIREMENTS OF FEDERAL, STATE, PROVINCIAL, AND LOCAL SAFETY REGULATIONS. FAMILIARIZE YOURSELF WITH THESE INSTRUCTIONS BEFORE ERECTING, USING, OR DISMANTLING THIS SCAFFOLD DEVICE.

- ERECTION, CHANGING AND DISMANTLING OF THE CUPLOCK SCAFFOLD SYSTEM SHOULD ONLY BE CARRIED OUT BY OR UNDER THE SUPERVISION OF A COMPETENT PERSON WHO IS FAMILIAR WITH THE SYSTEM.
- ALL PRODUCTS MEET OR EXCEED APPROPRIATE OSHA AND ANSI SPECIFICATIONS.

CODE OF SAFE PRACTICES FOR FRAME SCAFFOLDS, SYSTEM SCAFFOLDS, TUBE AND CLAMP SCAFFOLDS & ROLLING SCAFFOLDS

DEVELOPED FOR INDUSTRY BY THE SCAFFOLDING, SHORING & FORMING INSTITUTE (SSFI) and THE SCAFFOLD & ACCESS INDUSTRY ASSOCIATION, INC. (SAIA

It shall be the responsibility of all users to read and comply with the following common sense guidelines which are designed to promote safety in the erecting, dismantling, alteration and use of Scaffolds. These guidelines do not purport to be all inclusive nor to supplant or replace other traditional safety and precautionary measures. If these guidelines in any way conflict with any state, local, provincial, federal or other government statute or regulation, said statute or regulation shall supersede these guidelines and it shall be the responsibility of each user to comply therewith.

I. GENERAL GUIDELINES

A. **POST THESE SCAFFOLD SAFETY GUIDELINES** in a conspicuous place and be sure that all persons who erect, dismantle, or use scaffolds are aware of them. Use them in tool box safety meetings.

B. **COMPLY WITH ALL STATE, LOCAL AND FEDERAL CODES, ORDINANCES AND REGULATIONS** pertaining to scaffolds.

C. **SURVEY THE JOB SITE.** A survey shall be made of the job site by a competent person for hazards, such as non-compacted earth fills, ditches, debris, electrical lines, unguarded openings, and other hazardous conditions created by other trades. These conditions should be corrected or avoided as noted in the following sections.

D. **INSPECT ALL EQUIPMENT BEFORE EACH USE.** Never use any scaffold component that is damaged or defective. Mark it or tag it as damaged or defective and remove it from service.

E. **ERECT SCAFFOLDS IN ACCORDANCE WITH DESIGN AND/OR MANUFACTURERS RECOMMENDATIONS.**

MANUFACTURER'S ADDITIONAL RECOMMENDATIONS:
Scaffold over 125 ft (38M) in height must be designed by professional engineer.

F. **DO NOT ERECT, DISMANTLE OR ALTER A SCAFFOLD** except under the supervision of a competent person qualified in scaffold construction.

G. **DO NOT ABUSE OR MISUSE THE SCAFFOLD.**

H. **MAINTAIN THE SCAFFOLD IN A SAFE CONDITION.** Stop work and report any unsafe conditions to your supervisor.

I. **NEVER TAKE CHANCES!** If in doubt regarding the safety, or use of the scaffold, consult a qualified person.

J. **NEVER USE THE SCAFFOLD FOR PURPOSES OR IN WAYS FOR WHICH IT WAS NOT DESIGNED.**

K. **DO NOT WORK ON SCAFFOLDS** if you are physical unable to do so.

L. **DO NOT WORK UNDER THE INFLUENCE** of alcohol or drugs.

M. **FALL PROTECTION** - Never work on a scaffold that has open sided platforms; use a guardrail or personal fall protection system when required by applicable codes or site requirements.

N. **DO NOT ERECT, DISMANTLE, ALTER OR WORK ON SCAFFOLDS DURING STORMS OR HIGH WINDS, AS DETERMINED BY THE COMPETENT PERSON.**

II. GUIDELINES FOR ERECTION AND USE OF SCAFFOLDS

A. **STATIONARY SCAFFOLD LEGS SHALL BE SET ON BASE PLATES ON AN ADEQUATE FIRM FOUNDATION.** Install sills as necessary to distribute the leg loads to the foundation; secure base plates to the sills as required. Any part of a building or structure used to support the scaffold shall be capable of supporting the maximum intended load.

B. **USE ADJUSTING SCREWJACKS** or other approved methods to adjust to uneven grade conditions.

C. **BRACING, LEVELING & PLUMBING OF SCAFFOLDS**

1. Plumb and level all scaffolds as erection proceeds. Do not force scaffold components together.
2. Each frame or panel shall be braced by horizontal bracing, cross bracing, diagonal bracing or a combination thereof for securing vertical members together laterally. All brace connections shall be properly secured, in accordance with the manufacturer's recommendations.
3. Install bracing as erection proceeds, in accordance with the manufacturer's recommendations.
4. Joints shall be secured as required to prevent separation.

D. **MAKE SURE SCAFFOLDS ARE STABLE.** Free standing scaffolds exceeding the allowable the height to base ratio must be restrained from tipping.

E. **SECURE THE SCAFFOLD TO A SUBSTANTIAL STRUCTURE,** when the scaffold exceeds the maximum allowable height. Ties must prevent the scaffold from tipping either into or away from the structure. Install ties as close as practicable where horizontal members connect to vertical legs.

F. **WHEN SCAFFOLDS ARE FULLY OR PARTIALLY ENCLOSED,** or when scaffolds are subjected to overturning forces, additional ties may be required; consult a qualified person.

G. **DO NOT ERECT OR USE SCAFFOLD NEAR LIVE POWERLINES** unless proper precautions are taken. Consult the power service company for advice.

H. **INSTALL SAFE ACCESS FOR ALL SCAFFOLD PLATFORMS.** This includes ladders, stairways, direct access, ramps and walkways. Do not climb scaffold components not intended for access, such as braces, rosettes, rings, cups and clamps.

I. **PROVIDE A GUARDRAIL OR PERSONAL FALL PROTECTION SYSTEM** when the platform height exceeds unprotected limits. (Check applicable regulations for permissible unprotected limits, but never more than 10 feet.)

1. INSTALL FALLING OBJECT PROTECTION when required by regulations.

MANUFACTURER'S ADDITIONAL RECOMMENDATIONS:

1. *Guardrails are to installed on all open sides and ends and both top and midrails are required at heights specified by local codes.*
2. Toeboards are required wherever workers are passing or material is stacked. Additionally, screening should be provided on any platform where materials is stacked above the height of the toeboard in order to prevent falling debris.
3. Platforms should NOT be overloaded.
4. Platforms that are slippery should NOT be used.
5. Height of platforms should not be extended using unapproved materials.

J. **BRACKETS AND CANTILEVERED PLATFORMS**

1. Cantilevered scaffolds platforms shall be installed and used as designed by a qualified person.
2. All scaffold brackets shall be installed and used in accordance with manufacturer's recommendations. Brackets are to be used only as work platforms and shall not be used for storage of material or equipment unless designed for such use by a qualified engineer.

K. **SCAFFOLD COMPONENTS** shall be installed and used in accordance with the qualified persons design. Components shall not be altered. Scaffold components from more than one manufacture shall not be intermixed, unless the component parts have equivalent strength, readily fit together and the resulting scaffold's structural integrity is maintained.

L. **PLATFORMS**

1. Scaffold platforms shall be at least 18 inches wide. Only planking and decking meeting scaffold use requirements shall be used. Platforms shall be properly supported.
2. Check each platform prior to use. Make sure platform units are not warped, damaged, or otherwise unsafe.
3. Planks shall have at least 12" overlap unless restrained.

MANUFACTURER'S ADDITIONAL RECOMMENDATIONS:
One person maximum is allowed to stand on a plank and planks with nominal width and height of 10"x2" (.25Mx0.05M) should not extend longer than 10 ft. (3M). Rest platforms must be available at lest every 35 ft (10.5M) and access ladder must extend above platform by at least 3 ft. (0.9M).

4. Planks including Solid sawn lumber, Laminated lumber, modular, composite, or fabricated scaffold planks and platforms shall extend over their end supports not less than 6" unless restrained. Excess overhang is prohibited unless barricaded to prevent access.
5. Do not store materials or accumulate debris that could overload the scaffold.

M. **FOR "PUTLOGS" AND "TRUSSES" THE FOLLOWING ADDITIONAL GUIDELINES APPLY:**

1. Install and brace putlogs and trusses in accordance with the design.

2. Do not cantilever or extend putlogs/trusses except as designed by a qualified person.

N. **FOR ROLLING SCAFFOLDS THE FOLLOWING ADDITIONAL GUIDELINES APPLY:**

1. RIDING A ROLLING SCAFFOLD IS VERY HAZARDOUS. The SSFI and the SAIA, DO NOT recommend nor encourage this practice.
2. Rolling scaffolds should be used on hard level surfaces.
3. Casters with plain stems shall be secured to the frames or adjustment screws by pins or other suitable means.
4. A minimum 12 inches of screwjack shall extend into the scaffold leg or secured from sliding out.
5. Wheels or casters shall be locked to prevent caster rotation and scaffold movement when scaffold is in use.
6. Joints shall be restrained from separation.
7. Use horizontal diagonal bracing or equivalent means near the bottom and at 20 foot intervals measured from the rolling surface.

MANUFACTURER'S ADDITIONAL RECOMMENDATIONS: Fabricated planks with hooks can be used as an alternative to the horizontal diagonal bracing.

8. Do not use brackets or other platform extensions without compensating for the overturning effect.
9. Secure or remove all materials and equipment from platform before moving the scaffold.
10. Do not attempt to move a rolling scaffold without sufficient help – watch out for holes in floor and overhead obstructions. Stabilize against tipping.

O. **SAFE USE OF SCAFFOLD**

1. Prior to use, inspect scaffold to insure it has not been altered and is in a safe working condition regardless of what the tag might state.
2. Erected scaffolds and platforms should be inspected regularly by those using them prior to each work shift and after any occurrences that may alter the scaffold from a safe condition.
3. Exercise caution when entering or exiting a work platform.
4. Do not overload scaffold. Follow manufacturer's safe working load recommendations and the design.
5. Do not jump onto platforms.
6. DO NOT USE ladders or makeshift devices to increase the working height of a scaffold. Do not plank guardrails to increase the height of a scaffold.
7. Use proper access.

MANUFACTURER'S ADDITIONAL RECOMMENDATIONS: Face the rungs of the ladder. Do not carry material while climbing, and use clean shoes to avoid slipping hazards.

III. WHEN DISMANTLING SCAFFOLDING THE FOLLOWING GUIDELINES APPLY:

A. Inspect the scaffold to make sure it is structurally stable. If unstable, do not start dismantling the scaffold prior to stabilizing it.

B. Do not remove ties until the scaffold has been dismantled to that level.

C. Visually inspect platform units prior to dismantling to be sure they are safe and secure.

D. Do not remove a scaffold component without considering the effect of that removal.

E. Do not accumulate excess components or equipment on the level being dismantled.

F. Lower dismantled components in an orderly manner. Do not throw off the scaffold.

G. Dismantled equipment should be stockpiled in an orderly manner.

H. Defective components must be tagged and kept separate

Since field conditions vary and are beyond the control of the SSFI and the SAIA, safe and proper use of scaffolding is the sole responsibility of the user.

NOTES

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