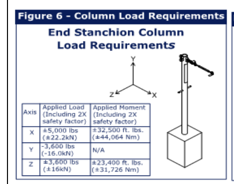
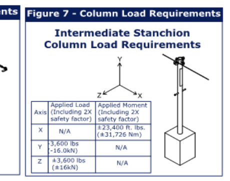
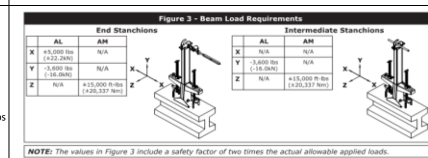
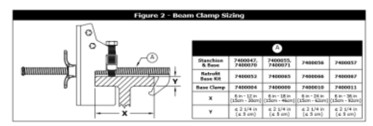
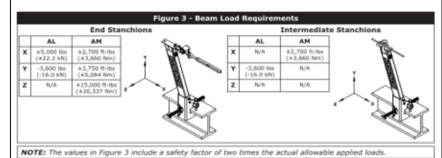
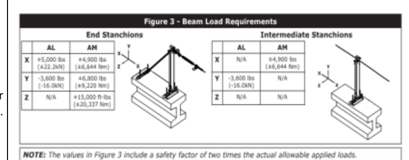
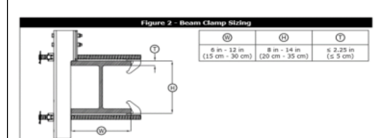
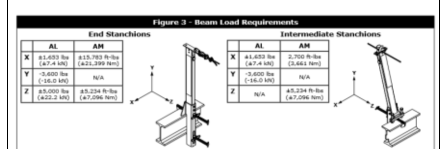
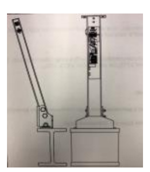
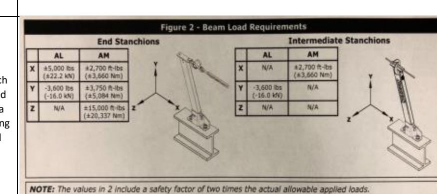
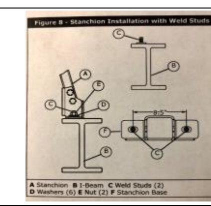
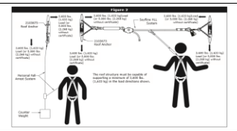
	Part Number	Description	Lifeline Type	Length/ Span	Number of Workers Allowed	Multi Span	Anchorage Strength and Device MAF	Attachment Capacity/Size Requirement	Attachment Load Requirements	Typical Attachment Method	Fall Clearance for SRLs	Uses a Zorbit	Special Limitations	OSHA Compliant	Special Feature/Benefits
	**7400203**	Stanchion for SecuraSpan Bases	Any of our pre-engineered Temporary HLL's	60 Ft Max Length.	1 person as a single point anchor	Yes, 3 anchors for lifelines in 3 directions	**5000lbs.**	**SEE CHART ON PAGE 2**	**End Stanchion Load Requirements** X- Applied Load- 5,000lbs | Applied Moment Load 32,500lbs. Y-Applied Load-3,600lbs | Applied Moment Load N/A Z- Applied Load-3,600lbs | Applied Moment Load 23,400lbs **Intermediate Stanchion Load Requirements** X - Applied Load N/A | Applied Moment Load 23,400lbs Y - Applied Load -3,600 | Applied Moment Load N/A Z - Applied Load 3,600 | Applied Moment Load N/A **See Diagram Directly Below**	Many different attachment methods. See sheet 2 for all options.	20-30 ft. span requires 8' of clearance. 50-60 ft. of span requires 9'-1" of clearance. For other span amounts refer to the instruction manual.	●	1 user as single point anchor	●	Can be used as single point anchor for 1 user.
	**7400220 20ft.) 7400240 (40ft.) 7400260 (60ft.)**	Pour in Place SecuraSpan™ System	3/8" 7x19 galvanized cable	60 Ft Max Length. Max Span 60ft	2 max. per span. Up to 6 on multi-span system.	Yes, Zorbit required on each end 7400200 Intermediate bracket for pour-in-place or fasten-in-place post horizontal lifeline systems	Min Anchor strength **5,000lbs.** 900 MAF	**SEE CHART ON PAGE 2**	 	Sockets cast into the concrete columns serve as the connection to pour-in-place stanchion. Cast the steel sleeve into freshly poured concrete while locating sleeve in center of column; make sure it is plumb. Stanchions can be installed once the concrete is cured to 2,000 psi.	20-30 ft. span requires 8' of clearance. 50-60 ft. of span requires 9'-1" of clearance. For other span amounts refer to the instruction manual.	●	The maximum HLL span length is 60 ft. The system can be expanded using multiple stanchions. The span length must be reduced when clearance is limited.	●	3 anchor points on post allow for 3 separate lifelines to be anchored. This allows lifeline to run around deck perminiter and across the deck. Lowers the number of stanchions needed and gives cost advantage.
	**7400045 for stanchion only 7400320-7400360 cable and stanchion system**	Concrete Loop Rebar SecuraSpan™ System	3/8" 7x19 galvanized cable	60 Ft Max Length. Max Span 60ft	2 max. per span. Up to 6 on multi-span system.	Yes, Zorbit required on each end 7608001 Intermediate pass-through bracket, multi-span system	Min Anchor strength **5,000lbs.** 900 MAF	Rebar diameter must be 1/2"-4-1/2" (#4-#12 rebar) & 3-1/2"-8" high. Rebar loops should be spaced 3" min. apart Adjustable hook ends secure to rebar spaced 10"-18" apart. Rebar loops inside the feet on the base must be narrower than 4-5/8". Rebar loops outside of base must be wider than 6-1/2"		Loosen the wing nuts until the hooks ends hang below the rebar loops. Slide the loop hooks along the slots on the stanchion base arms to align the cradle of each hook end directly below the rebar loop. Tighten the wing nuts evenly until the rebar loop is lodged in the cradle of each hook end.	20-30 ft. span requires 10'-9" of clearance. 50-60 ft. of span requires 16'-8" of clearance. For other span amounts refer to the instruction manual.	●	Cable must run parallel with beam. The maximum HLL span length is 60 ft. The system can be expanded using multiple stanchions. The span length must be reduced when clearance is limited.	●	No tie back required. Bases can be retrofitted on to the stanchion from other SecuraSpan systems 20 Day Lead Time
	**740047 Stanchion 7400420-7400460 cable and stanchion system**	Steel I-Beam SecuraSpan™ System	3/8" 7x19 galvanized cable	60 Ft Max Length. Max Span 60ft	2 max. per span. Up to 6 on multi-span system.	Yes, Zorbit required on each end 7608001 Intermediate pass-through bracket, multi-span system	Min Anchor strength **5,000lbs.** 900 MAF			Secure the stanchion to the beam flange by tightening the beam clamp wing nut until the stanchion base is drawn completely onto the i-beam flange and the flange is securely engaged between the slot in the stanchion base and the hook end.	20-30 ft. span requires 13'-2" of clearance. 50-60 ft. of span requires 16'-8" of clearance. For other span amount refer to the instruction manual.	●	Cable must run parallel with beam. The maximum HLL span length is 60 ft. The system can be expanded using multiple stanchions. The span length must be reduced when clearance is limited.	●	Use 7400063 kit to connect stanchion to loop rebar attachment. Use 7400054 kit to convert stanchion to rebar/shear stud attachment. Bases can be retrofitted on to the stanchion from other SecuraSpan systems 7 Day Lead Time
	**Stanchion 7400214 7400215 Tie-Back and Chain 7400620-7400660**	Rebar/Steel Stud SecuraSpan™ System	3/8" 7x19 galvanized cable	60 Ft Max Length. Max Span 60ft	2 max. per span. Up to 6 on multi-span system.	Yes, Zorbit required on each end 7608001 Intermediate pass-through bracket, multi-span system	Min Anchor strength **5,000lbs.** 900 MAF	Rebar/shear stud diameter must be 1/2"-1". Stud centers should be spaced 3 1/4"-9 3/4" apart. Rebar must extend a minimum of 4" out of the surface, 3-1/2" for shear studs. Can also be fastened to steel or concrete using appropriate bolts. Tie-Backs required.		Slide the rebar clamps in the slots on the tie-back base. Lower the tie-back base onto the rebar/shear studs. Before tightening the rebar clamps, center the tie-back base on the beam. Tighten rebar bolts to 90 ft.-lbs. Pass the free end of the tie-back chain through the chain anchor until taught.	20-30 ft. span requires 13'-2" of clearance. 50-60 ft. of span requires 16'-8" of clearance. For other span amount refer to the instruction manual.	●	Cable must run parallel with beam. The maximum HLL span length is 60 ft. The system can be expanded using multiple stanchions. The span length must be reduced when clearance is limited. Must use tie back.	●	Can also be bolted in place using appropriate fasteners and holes in base. Use 7400063 kit to convert stanchion to loop rebar attachment. Bases can be retrofitted on to the stanchion from other SecuraSpan systems 10 Day Lead Time
	**7400087**	Perpendicular I-Beam Stanchion	3/8" 7x19 galvanized cable	60 Ft Max Length.	2 max. per span. Up to 6 on multi-span system.	Yes, Zorbit required on each end 7400089 Intermediate pass-through bracket, multi-span system	Min Anchor strength **5,000lbs.** 900 MAF			Secure the stanchion to the beam flange by tightening the beam clamp wing nut until the stanchion base is drawn completely onto the i-beam flange and the flange is securely engaged between the slot in the stanchion base and the hook end.	20-30 ft. span requires 13'-2" of clearance. 50-60 ft. of span requires 16'-8" of clearance. For other span amount refer to the instruction manual.	●	Cable must run perpendicular with beam. The maximum HLL span length is 60 ft. The system can be expanded using multiple stanchions. The span length must be reduced when clearance is limited.	●	Unlike many of the other HLLs this one runs perpendicular to the base. 30 Day Lead Time
	**7400118**	SecuraSpan I-Beam Weld Stud Base Stanchion	3/8" 7x19 galvanized cable	60 Ft Max Length.	2 People Max Per Span.	Yes, Zorbit required on each end	Min Anchor strength 5,000lbs. 900 MAF	Stanchion must be attached to the I-beam using two threated weld studs which are welded to the I-beam. When using the weld studs installation, it is required that the stanchion be installed with threated 3/4-10 mild steel weld studs at a spacing of 8/5" between centers. Weld studs must be installed and welded using the correct welding equipment and instructions as specified by the weld stud manufacturer. Use at minimum grade 5-8 bolts with 3 washers to secure.			20-30 ft. span requires 13'-2" of clearance. 50-60 ft. of span requires 16'-8" of clearance. For other span amount refer to the instruction manual.	●	Cable must run parallel with beam. The maximum HLL span length is 60 ft. The system can be expanded using multiple stanchions. The span length must be reduced when clearance is limited. Must use tie back.	●	This smaller base helps free up space for other activity. 30 Lead Time
	**7403020 - 740330**	Wire Cable SecuraSpan™ System	Rugged 3/8" (9.5mm) 7x19 galvanized cable lifeline	20ft. - 300ft. Max. 60ft. Per Span.	2 Per Span, 6 People Total.	Zorbit required on each end with multi-span setup	Min Anchor strength **5,000lbs**. 900 MAF.	The HLL should be positioned at a level that will minimize free fall to 6 ft. while allowing ease of use.	Structural Anchor points must be rigid, and capable of supporting at least 5,000 lbs. along the axis of the HLL. Must be able to support 3,600 lbs. in all potential directions on fall arrest applied loading.	Connect the carabiner on the turnbuckle end of the HLL assembly inside the first hole of the stanchion. Extend the turnbuckle so 1/2in. Of thread remains exposed in the turnbuckle. Remove slack then secure cable clips 1 and a 1/2 inch from the Thimble Clamp. At least 8in. of cable must extend out from the cable clip. Torque cable clips to 45ft.-lbs. and Thimble clamp nuts to 40ft.-lbs. after pre-loading retorque cable clips.	0-10ft spans require 10'-9" of clearance. 50-60ft. Spans require 16'-8" of clearance.	●	1 Zorbit for 60 ft. span or less, 2 or more Zorbit are required for more than 60 ft. Multiple span SecuraSpan HLL systems require the use of a Zorbit energy absorber at both end terminations	●	Tension the Wire Rope until the sag on the system at mid-span is 6 in. or less with no weight on the Wire Rope. The Turnbuckle will not over-tension the Wire Rope.
	**7602020-7602100**	Wire Cable Sayfline™ System	Rugged 9.5mm 7x19 galvanized cable	100 Ft Max Length Max Span 100ft	2 Per Span, 6 People Total.	Zorbit required on each end with multi-span setup	Min Anchor strength **5,000lbs.** 900 MAF	The HLL should be positioned at a level that will minimize free fall to 6 ft. while allowing ease of use.	Structural Anchor points must be rigid, and capable of supporting at least 5,000 lbs. along the axis of the HLL. Must be able to support 3,600 lbs. in all potential directions on fall arrest applied loading.	Install the horizontal lifeline to anchorage connectors using the shackles, bolts and nuts provided. The tension indicator should be between a Zorbit and a turnbuckle. Remove slack by pulling the wire rope through the cable grip. Wire must be tensioned until the sag on the system is 6" or less.	20-30 ft. span requires 9'-1" of clearance for 1 worker. 90-100 ft. span requires 16'-10" for 1 worker.	●	1 Zorbit for 60 ft. span or less, 2 or more Zorbit are required for more than 60 ft. Multiple span SecuraSpan HLL systems require the use of a Zorbit energy absorber at both end terminations	●	Durable all metal system. Includes a tension indicator. Easley adjust length of cable with out causeing cable damage.
	**7605060**	EZ-Line™ Retractable System	Rugged 1/4" 7x19 galvanized cable	60 Ft Max Length Max Span 60ft	2 max. per span. Up to 6 on multi-span system.	Zorbit required on each end with multi-span setup	Min Anchor strength **5,000lbs.** 900 MAF	When using shock absorbing lanyards to connect to the system the end anchorages must be connected at a height which will limit the free fall to 6 ft. when using an SRL they must be connected above the user.	structural anchor point must be rigid and capable of supporting at least 5,000 lbs. as well as 3,600 lbs. applied in all potential directions of fall arrest.	Push and hold button on top of the housing to pay out lifeline by pulling it. Install HLL to anchors using the carabiners. Use crank handle to add tension on large gear and then smaller gear for more tension.	20-30 ft. span requires 8'-7" of clearance for 1 worker; 9'-10" for 2 workers. 50-60 ft. span requires 10'-4" for 1 worker; 12'-4" for 2 workers.	● (for multi span system only)	Maximum horizontal span of 60 ft.	●	Compact, easy to carry. Fast setup and relocation, no cable clamps or turnbuckles needed to change length. Impact indicator on lifeline end. Can be used any length upto 60 ft. Clearance charts attached to case.

	Part Number	Part Description	Cable Type	Max Length/ Span	Number of Workers allowed	Multi Spans	Anchorage Strength and Device MAF	Attachment Capacity/Size Requirement	Attachment Load Requirements	Typical Attachment Method	Fall Clearance for SRLs	Uses a Zorbit	Special Limitations	OSHA Compliant	Special Feature/Benefits
	**7600502-7600510**	Synthetic Cable Sayfline™ System	lightweight 11/16" static kernmantle rope	100 Ft Max Length Max Span Limited by available clearance	2 max. per span.	No	Min Anchor strength **3,600lbs.** 900 MAF	Anchorage point must be able to fit a web tie-off adapter. Tie off adapter must be wrapped around structure 2x.	Structural Anchor points must be rigid, and capable of supporting at least 3,600 lbs. along the axis of the HLL. Must be able to support at least 3,600 lbs. in all potential directions of fall arrest.	Install the anchorage connectors. Secure each end of the HLL to the connectors. Remove slack by tensioning the tensioner with a wrench until the tensioner slips.	50-60 ft. of span requires 16'-8" of clearance. For other fall clearance distances refer to the instruction manual.	No	The Sayfline HLL can be purchased in increments of 10 ft. from 20-100 feet.	●	Complete system comes in a bag and can be installed with no special tools or equipment.
	**7600511**	Roofer's HLL System with Heavy-Duty Roof Anchors	50ft / 310lbs. Per Person	Max 2 people	Maximum of 2 workers	No	The roof structure must be capable of supporting a minimum of **3,600 lbs**. . See Chart -->		Place the anchors no more than 50ft away from each other. Anchors must be placed parallel to each other and must be perpendicular from the worker's working surface. The forces must go onto both the anchor points. Use nails or screws and use all the available holes within the anchor. The lag screws or nails must go through the sheathing and into the roof member	Make certain that enough clearance exists in your fall path to prevent striking an object. The amount of clearance needed is dependent upon the type of connecting subsystem used (energy absorbing lanyard, self retracting lifeline, etc.), and the anchorage location.		No	Use only 16d nails or 1/4-inch x 2 1/2-inch or longer lag screws. Anchors have to be installed 6ft. Away from any exposed edge.	●	Comes as a complete kit. The anchors are reusable and durable. Its adjustable in length.
	**1200101** **1200105- (Does not include beam anchors)**	Pro-Line™ Horizontal Lifeline System	Lightweight 2" web	60 Ft Max Length. Max Span 60ft	Maximum of 2 workers	No	Min Anchor strength **3,600lbs.** 900 MAF	HLL cannot be installed with a slope of more than 5° between anchor points.	Structural Anchor points must be rigid, and capable of supporting at least 3,600 lbs. along the axis of the HLL. Must be able to support at least 3,600 lbs. in all potential directions of fall arrest.	Wrap tie off adapter around a structure. Hook carabiners to tie off adapters and use the ratchet to add tension.	20-25 ft. span requires 12'-1" for 1 person; 16'-3" for 2 people. 55-60 ft. span requires 19'-2" for 1 person; 22'-6" for 2 people.	No	The maximum HLL span length is 60 ft., single span system	●	Comes in a complete kit with a bag. Built in shock pack reduces anchorage loading to a structure.

SECURASPAN POUR-IN-PLACE MOUNTING BASES

	Part Number	Part Description	Dimensional Capacity	System Capacity	Weight	Materials/Construction	Mounting Requirements
	**7400211**	Fasten In Place Base Clamp On	Fits up to **6.72in** wide x **12.22in** high x **5.5in** through x **6.5in** deep	310 lbs. for each person	85lbs	Welded Steel. A-36 Steel plate. **Finish**- zinc plate per astm B633	Must be capable of supporting minimum momentum load of 390,000 in*lb. Can be used with **Any Length of Grade 8 bolts to increase depth.**
	**8530373**	Fasten In Place Base Bolt On	Fits up to **10in** wide x **13in** high x **5.5in** through	310 lbs. for each person	24lbs	Welded Steel. A-36 Steel plate. **Finish**- zinc plate per astm B633	Must be capable of supporting minimum momentum load of 390,000 in*lb. Can be used with Any Length of **Grade 8 bolts to increase depth.**
	**7400222**	Fasten In Place Weld-On	**6in** wide x **11in** high x **5.5in** through x **2.25** deep	310 lbs. for each person	50lbs	Welded Steel. A-36 Steel plate. **Finish**- Weldable Primer-per astm B633	Must be capable of supporting minimum momentum load of 390,000 in*lb.
	**8530267**	Fasten In Place Bolt On Floor Base	**12in** wide x **15.5in** high x **18in** long	310 lbs. for each person	75lbs	Welded Steel. A-36 Steel plate. **Finish**- zinc plate per astm B633	Minimum moment load of 390,000 in*lb. 5,000 lb. vertical load. 19,500 pull out strength. 5,000 lb. shear strength.
	**7400218**	Fasten In Place Clamp on Vertical Base	Fits up to **8.13in** wide x **12.22in** high x **10.94in** through x **11.94in** deep	310 lbs. for each person	60lbs	Welded Steel. A-36 Steel plate. **Finish**- zinc plate per astm B633	Must be capable of supporting minimum momentum load of 390,000 in*lb.
	**7400201**	Pour in Place Concrete Sleeve	The minimum column size is **16in** squared. Columns smaller than 16in. Square do not have the strength to resist the loads applied by the SecuraSpan system. Rebar ties must be provided within **3in**. Of the top of the column.	310lbs for each person	2.7lbs	Concrete with 3000psi.	Sleeve must be flush to the floor and cannot be less than 12in. Deep. The sleeve cannot be have than 4 degree of tilt. must be capable of supporting minimum momentum load of 390,000 in*lb.