

FLEXIGUARD™ SOLUTIONS

UNIQUE SOLUTIONS FOR UNIQUE NEEDS



A photograph showing two workers in safety gear standing on the wing of an aircraft. They are positioned near a fall protection system consisting of a horizontal rail and vertical supports. The background is a clear blue sky with some light clouds. The text 'FALL PROTECTION YOU CAN TRUST' is overlaid on the left side of the image.

FALL PROTECTION YOU CAN TRUST

Flexiguard™ is designed to meet the requirements of your specific application while ensuring maximum safety and peace of mind.

DURABLE

- Powder-coated, anodized high strength alloy
- Specifically engineered for extra tall and wide applications
- Enclosed rail to help keep debris out (weather elements)
- 100% fall arrest rated tie-off from the ground up
- SAE J429 Grade 8 hardware with zinc yellow Chromate plated finish

PORTABLE

- Lightweight design — easily moved by minimal personnel
- Most allow for positioning by a forklift or other service vehicle
- Heavy-duty stabilization for use on uneven ground

VERSATILE

- Indoor and outdoor use
- Multiple overhead anchor points on systems that are designed for multiple users
- Provides a large, safe working area — working radius from rail is 6 feet or 30°
- Rigid anchor points have no deflection or sag, reducing fall clearance requirements
- Systems can be permanently mounted (where applicable)
- Flexiguard™ provides custom solutions to meet the needs of specific and challenging work environments



MARKETS SERVED INCLUDE:



TRANSPORTATION



OIL&GAS



MINING



UTILITIES



WIND ENERGY



CONSTRUCTION

Capital Safety is not responsible for the prepayment of freight for Flexiguard™ systems.

Capital Safety's certified, internally-trained technicians provide industry-leading installation, training services and yearly inspections throughout equipment life to help make your workers' safety a simple guarantee.

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With an internal ISO-certified lab, Capital Safety ensures all products are tested and certified to meet and often exceed the latest regulatory standards including compliance with ANSI, CE and OSHA standards. All design, engineering, testing and manufacturing takes place in Red Wing, MN.



★★★ MADE IN THE USA ★★★

C-Frame System

The C-Frame System is a versatile fall arrest solution for working at heights. It is designed to be moved manually or with the use of a tow bar and service vehicle, and will require some clearance under the equipment being accessed to accommodate outrigger support legs. These systems are ANSI, OSHA and CE compliant.

ADDITIONAL C-FRAME OPTIONS:

- Tow Bar
- 8 in. (0.2m) Urethane Wheel Set
- Grounding Reel
- Lower Synchronizing Kit
- Dual Rail
- Power Lifting Kit
- Removable Outriggers
- Low Profile Kit
- Custom Paint Job
- Tag Line Assist

For ordering information see page 13



FIXED HEIGHT OPTIONS

- Provide effective/economical means of anchoring overhead
- Most often used in areas with no overhead obstructions or door height restrictions
- System includes heavy-duty leveling jacks

ANCHOR HEIGHT	RAIL WIDTH	WHEELS	# OF USERS	PART #
14 ft. (4.7m)	18 ft. (5.5m)	12 in. (0.3m) Rubber	2	8530319*
21 ft. (6.4m)	18 ft. (5.5m)	16 in. (0.4m) Pneumatic 8 in. (0.2m) Urethane	3	8530246**

ADJUSTABLE HEIGHT OPTIONS

- Adjustable by manually cranking winch
- Most often used in areas with overhead obstructions and door height limitations
- System includes heavy-duty leveling jacks

ANCHOR HEIGHT	RAIL WIDTH	WHEELS	# OF USERS	PART #
12.5-19 ft. (3.8-5.85m)	10 ft. (3m)	16 in. (0.4m) Pneumatic	2	8517701
12.5-19 ft. (3.8-5.85m)	20 ft. (6.1m)	16 in. (0.4m) Pneumatic	2	8517705
17.5-28.75 ft. (5.3-8.8m)	15 ft. (4.6m)	16 in. (0.4m) Pneumatic	2	8517707
17.5-28.75 ft. (5.3-8.8m)	20 ft. (6.1m)	16 in. (0.4m) Pneumatic	2	8517709
22.5-38.75 ft. (6.8-11.8m)	15 ft. (4.6m)	16 in. (0.4m) Pneumatic	2	8517711
22.5-38.75 ft. (6.8-11.8m)	20 ft. (6.1m)	16 in. (0.4m) Pneumatic	2	8517713



*System features additional options: Tow Bar

**System features additional options: Low Profile Kit And Tow Bar

A-Frame System

The A-Frame System provides a secure anchor point on a portable structure to give workers increased coverage and protection. Depending on the configuration, this system has the capacity to provide fall protection for up to two workers and can be easily moved from job site to job site, providing safe and reliable fall protection where you need it. These systems are ANSI, OSHA and CE compliant.

ADDITIONAL A-FRAME OPTIONS:

- 8 in. (0.2m) Urethane Wheel Set
- Power Lifting Kit
- Custom Paint Job
- Tag Line Assist
- Pull Handle
- Fold-Out Outriggers
- Tow Bar

For ordering information see page 13



FIXED HEIGHT OPTIONS

- Provide effective/economical means of anchoring overhead
- Each system contains two rails for bypassing trolleys
- Ideal in areas with no overhead obstructions or door height restrictions
- System includes heavy-duty leveling jacks

ANCHOR HEIGHT	RAIL WIDTH	WHEELS	# OF USERS	PART #
15 ft. (4.6m)	15 ft. (4.6m)	16 in. (0.4m) Pneumatic	2	8517790
15 ft. (4.6m)	20 ft. (6.1m)	16 in. (0.4m) Pneumatic	2	8517791
15 ft. (4.6m)	30 ft. (9.1m)	16 in. (0.4m) Pneumatic	2	8517792
20 ft. (6.1m)	15 ft. (4.6m)	16 in. (0.4m) Pneumatic	2	8517793
20 ft. (6.1m)	20 ft. (6.1m)	16 in. (0.4m) Pneumatic	2	8517794
20 ft. (6.1m)	30 ft. (9.1m)	16 in. (0.4m) Pneumatic	2	8517795
30 ft. (9.1m)	15 ft. (4.6m)	16 in. (0.4m) Pneumatic	2	8517796
30 ft. (9.1m)	20 ft. (6.1m)	16 in. (0.4m) Pneumatic	2	8517797
30 ft. (9.1m)	30 ft. (9.1m)	16 in. (0.4m) Pneumatic	2	8517798

ADJUSTABLE HEIGHT OPTIONS

- Can be adjusted using overhead crane, forklift or powered systems
- Each system contains two rails for bypassing trolleys
- Ideal in areas with overhead obstructions and door height limitations where lowering the overall height of the A-Frame is a requirement
- System includes heavy-duty leveling jacks

ANCHOR HEIGHT	RAIL WIDTH	WHEELS	# OF USERS	PART #
16-22.5 ft. (4.9-6.9m)	20 ft. (6.1m)	16 in. (0.4m) Pneumatic	2	8517780
16-22.5 ft. (4.9-6.9m)	30 ft. (9.1m)	16 in. (0.4m) Pneumatic	2	8517781



Counterweight Jib

The Counterweighted Jib is a portable solution for indoor and outdoor maintenance where mobility and worker safety are key. These systems incorporate a 360° rotating jib with the capacity to provide fall protection for one person. Forklift pockets are strategically located on all four sides of the base to ensure ease of mobility and placement from job site to job site. The base also contains four heavy-duty lifting rings for transport by a crane. These systems are ANSI and OSHA compliant.

ADDITIONAL COUNTERWEIGHT JIB OPTIONS:

- Winch Rescue Kit
- Jack Mounts For Leveling
- Custom Paint Job
- Low Profile Kit

For ordering information see page 13



COUNTERWEIGHT JIB OPTIONS

- Periscoping rotation handles for turning system into working position
- Two types of counterweight base solutions available, with or without concrete
- System includes tag line assist

ANCHOR HEIGHT	OFFSET	CONCRETE	# OF USERS	PART #
16.75 ft. (5.1m)	8 ft. (2.4m)	Without	1	8517750
16.75 ft. (5.1m)	8 ft. (2.4m)	With	1	8517751
20.67 ft. (6.3m)	8 ft. (2.4m)	Without	1	8517752
20.67 ft. (6.3m)	8 ft. (2.4m)	With	1	8517753
23.67 ft. (7.2m)	8 ft. (2.4m)	Without	1	8517754
23.67 ft. (7.2m)	8 ft. (2.4m)	With	1	8517755

NO BASE OPTIONS

- Attach to supporting, fixed structure (e.g. on I-Beam) on the job site
- Mounting clamps, plates and hardware included with systems
- System rotates 180° and locks every 7.5°

BOOM HEIGHT	OFFSET	# OF USERS	PART #
TBD by End User	20 ft. (6.1m)	1	8530433



Freestanding Ladder System

Each Freestanding Ladder System combines easy access to elevated work areas with 100% fall protection for up to two users from the ground up for the duration of the work being performed. System configurations include guardrails and the use of multiple SRLs on the system. These models are ANSI, OSHA and CE compliant.

ADDITIONAL FREESTANDING LADDER OPTIONS:

- 8 in. (0.2m) Urethane Wheel Set
- Custom Paint Job
- Grounding Reel
- Low Profile Kit
- Tow Bar

For ordering information see page 13



FIXED HEIGHT OPTIONS

- Manual height adjustment via winch assembly
- Multiple height adjustment ranges available
- All systems include a fall arrest bar for accessing ladder
- System includes heavy-duty leveling jacks

PLATFORM HEIGHT	SYSTEM TYPE	WHEELS	# OF USERS	PART #
10.75-15.5 ft. (3.3-4.7m)	Portable Ladder	16 in. (0.4m) Pneumatic	2	8517715
14.5-23 ft. (4.4-7.0m)	Portable Ladder	16 in. (0.4m) Pneumatic	2	8517717
18.25-31 ft. (5.6-9.4m)	Portable Ladder	16 in. (0.4m) Pneumatic	2	8517719



Supported Ladder System

The Supported Ladder System is a portable system specifically designed for the safe access and maintenance of transportation vehicles in a variety of different applications and environments. This unique solution offers the best in passive and active fall protection. The work platform is fully enclosed by guardrails for superior passive fall protection and easily accessible through two spring loaded swing gates. The working surface of the vehicle is accessed through one spring loaded gate while the user is tied off to the active fall arrest rail. This system is ANSI and OSHA compliant.

SUPPORTED LADDER SYSTEM OPTIONS:

- Custom Paint Job



For ordering information see page 13

SUPPORTED LADDER SYSTEM OPTIONS

- Heavy-duty steel base design with an aluminum platform and fall arrest rail
- Work platform will be covered in a non-slip material
- System equipped with two heavy-duty stabilizing jacks and two retracting outriggers that can be set without having to go beneath the work surface

PLATFORM HEIGHT	PLATFORM LENGTH	PLATFORM WIDTH	RAIL LENGTH	WHEELS	# OF USERS	PART #
9 ft. (2.7m)	9 ft. (2.7m)	3 ft. (0.9m)	12 ft. (3.7m)	8 in. (.2m) Urethane	1	8530397



Sky Anchor

The Sky Anchor solutions provide a secure anchorage point, giving the worker increased coverage and protection while working at heights. All systems are rated for one person use and provide 360° mobility within the safe working radius from the anchor point. All available systems incorporate a collapsible design for easy setup, as well as a variety of bases for securing the system onto any job site. These systems are ANSI and OSHA compliant.

SKY ANCHOR OPTIONS:

- Winch Rescue Kit
- Custom Paint Job
- Base Cap

For ordering information see page 13



SKY ANCHOR OPTIONS

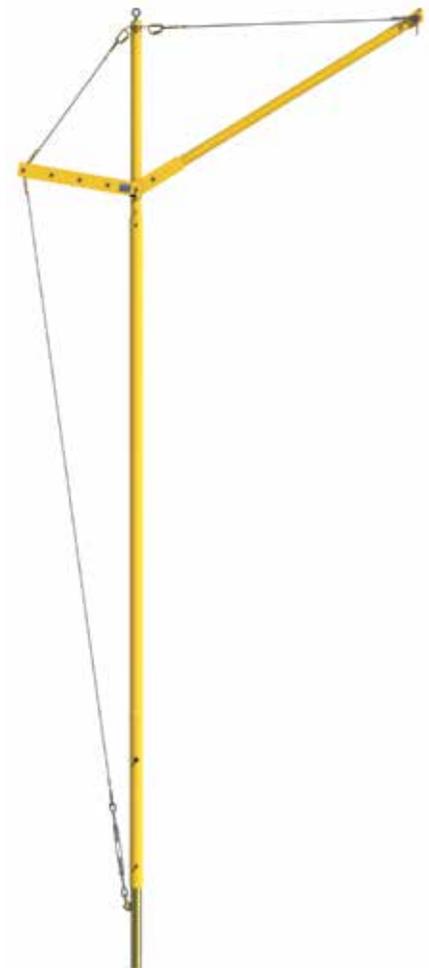
- Lightweight aluminum construction
- Collapsible design
- 360 degree mast rotation
- 6 ft. (1.8m) safe working radius from anchor

ANCHOR HEIGHT	OFFSET	#OF USERS	PART #
15.25 ft. (4.6m)	6 ft. (1.8m)	1	8530152
18.75 ft. (5.7m)	6 ft. (1.8m)	1	8530161
21.25 ft. (6.5m)	6 ft. (1.8m)	1	8530387
23.25 ft. (7.1m)	7 ft. (2.1m)	1	8530320

SKY ANCHOR BASE OPTIONS

- Each base option can be used with each Sky Anchor option
- Each base option is one user rated

BASE IMAGE	BASE TYPE	ANCHORAGE MATERIAL	PART #
	Floor Mount	Concrete, Steel	8530210
	Core Mount Sleeve	Concrete	8530314
	Floor Mount	Concrete	8530162*



*Base Cap option can be used with this base

Counterweighted System

The Counterweighted System is designed as a portable solution to provide an overhead anchor point for multiple users while working at heights. These systems are designed to be counterbalanced by concrete or other means, allowing for close positioning to the work surface without obstructing the equipment being accessed. These systems are ANSI and OSHA compliant.

ADDITIONAL COUNTERWEIGHT SYSTEM OPTIONS:

- Custom Paint Job



For ordering information see page 13

COUNTERWEIGHTED SYSTEM OPTIONS

- Provide effective/economical means of anchoring overhead
- Includes systems with and without the concrete counterweight on base of unit
- Ideal in areas with no overhead obstructions and door height restrictions
- 8530349 is an advanced hybrid counterweight system that includes an adjustable ladder system and counterweight
- System includes heavy-duty leveling jacks and tag line assist

ANCHOR HEIGHT	RAIL WIDTH	WEIGHTED	# OF USERS	PART #
22 ft. (6.7m)	32 ft. (9.8m)	Not included	2	8517760
22 ft. (6.7m)	32 ft. (9.8m)	Included	2	8517761
22 ft. (6.7m)	42 ft. (12.8m)	Not included	2	8517762
22 ft. (6.7m)	42 ft. (12.8m)	Included	2	8517763
29.5 ft. (9.0m)	40 ft. (12.2m)	Included	1	8530349



8530349



Box Frame

The Box Frame System provides a convenient means of securing a fall arrest rigid rail in areas with limited space or inadequate overhead structure. These frames are built to accommodate a specific area or piece of equipment. These units can be designed as permanent or portable frames, allowing for ease of relocation. These systems are ANSI and OSHA compliant.

ADDITIONAL BOX FRAME OPTIONS:

- Custom Paint Job
- No Wheel Kit
- Tow Bar
- Fixed Ladder Kit
- Power Lifting Kit

For ordering information see page 13



FIXED HEIGHT OPTIONS

- Provide effective/economical means of anchoring overhead
- Ideal in areas with no overhead obstructions or door height restrictions

ANCHOR HEIGHT	WIDTH	RAIL LENGTH	# OF USERS	WHEELS	PART #
14 ft. (4.3m)	14 ft. (4.3m)	Dual Rail 15.5 ft. (4.7m) each	2	16 in. (.4m) Pneumatic	8530345
21 ft. (6.4m)	15 ft. (4.6m)	Single Rail 28 ft. (8.5m)	2	12 in. (.3m) Rubber	8530361
30 ft. (9.1m)	20 ft. (6.1m)	Dual Rail 32 ft. (9.8m) each	2	16 in. (.4m) Pneumatic	8530427

ADJUSTABLE HEIGHT OPTION

- Adjustable using overhead crane, forklift or powered systems
- Pin height selection system
- Ideal in areas with overhead obstructions and door height limitations

HEIGHT	WIDTH	RAIL LENGTH	# OF USERS	WHEELS	PART #
12-18 ft. (3.7-5.5m)	12 ft. (3.7m)	Single Rail 20 ft. (6.1m)	2	12 in. (.3m) Rubber	8530288



Hitch Mount Anchor System

The Hitch Mounted Anchor System is a portable system originally designed to access and maintain heavy mining equipment. The unique design of this system allows it to attach to a class three hitch for transport on a truck or service vehicle. Assembled in less than 20 minutes, this system provides anchorage points up to 22 feet tall. It is rated for a maximum of two users and is ANSI and OSHA compliant.

HITCH MOUNT ANCHOR OPTIONS:

- Custom Paint Job



For ordering information see page 13

HITCH MOUNT ANCHOR SYSTEM OPTIONS

- Hitch mounted system for maximum portability
- Self-standing basket design for easy hookup to truck and convenient storage
- System assembles quickly and raises with included winch
- System includes heavy-duty stabilizing jacks

ANCHOR HEIGHT	WIDTH	# OF USERS	PART #
22 ft. (6.7m)	6 ft. (1.8m)	2	8530313



Additional Options

Contact Customer Service to Order Additional Option(s) for Your System

C-FRAME

1. 8 in. (0.2m) Urethane Wheel Set
2. Custom Paint Job
3. Dual Rail
5. Power Lifting Kit
6. Low Profile Kit
8. Grounding Reel
10. Lower Synchronizing Kit
13. Removable Outriggers
14. Tag Line Assist
15. Tow Bar

A-FRAME

1. 8 in. (0.2m) Urethane Wheel Set
2. Custom Paint Job
5. Power Lifting Kit
7. Fold-Out Outriggers
12. Pull Handle
14. Tag Line Assist
15. Tow Bar

COUNTERWEIGHT JIB

2. Custom Paint Job
4. Low Profile Base Kit
9. Jack Mounts for Leveling
16. Winch Rescue Kit

FREESTANDING LADDER

1. 8 in. (0.2m) Urethane Wheel Set
2. Custom Paint Job
8. Grounding Reel
10. Low Profile Kit
15. Tow Bar

SUPPORTED LADDER

2. Custom Paint Job

SKY ANCHOR

2. Custom Paint Job
16. Winch Rescue Kit
17. Base Cap

COUNTERWEIGHTED SYSTEM

2. Custom Paint Job

BOX FRAME

2. Custom Paint Job
5. Power Lifting Kit
11. No Wheel Kit
15. Tow Bar
18. Fixed Ladder Kit

HITCH MOUNT ANCHOR SYSTEM

2. Custom Paint Job



8 IN. (0.2M) URETHANE WHEEL SET

- Designed for low speed
- Heavy-duty bearings for smooth level travel
- Ideal for concrete or asphalt surfaces



CUSTOM PAINT JOB

- End user color preference



DUAL RAIL

- Allows for bypassing trolleys, two users working simultaneously



LOW PROFILE BASE KIT

- Allows for access in space constraint areas
- Available for Counterweight Jib systems



POWER LIFTING KIT

- Hydraulic operation, assist in raising and lowering the system



LOW PROFILE KIT

- Allows for access in space constraint areas
- Provides smaller diameter wheels for access into tight areas
- Available for C-Frame systems



FOLD-OUT OUTRIGGERS

- Used to stabilize the system while stationary
- Available for A-Frame systems



GROUNDING REEL

- Used to ground a system in an electrically hazardous area



JACK MOUNTS FOR LEVELING

- Used for leveling the system on uneven surfaces
- Available for Counterweight Jib systems



LOWER SYNCHRONIZING KIT

- Designed for use in the aerospace industry — allows system to be used in low wing aircraft applications
- Available to Height Adjustable C-Frame systems



NO WHEEL KIT

- Allows for a permanent, non-portable base
- Available for Box Frame systems



PULL HANDLE

- Allows for moving the system into place
- Removable for storage
- Available for A-Frame systems



REMOVABLE OUTRIGGERS

- Allows for a modular, low profile wheel assembly for space constraint areas and storage
- Available for C-Frame systems



TAG LINE ASSIST

- Rope assembly attached to an SRL for easy access



TOW BAR

- Allows for towing behind a service vehicle
- Removable for storage



WINCH RESCUE KIT

- Heavy-duty winch assembly that attaches to the system
- Available for use on Counterweight Jib and Sky Anchor systems



BASE CAP

- Specifically used with Sky Anchor Base 8530162



FIXED LADDER KIT

- Fixed ladder assemblies for quick accessibility
- Available for Box Frame systems

THE FOLLOWING ACCESSORIES ARE RECOMMENDED FOR USE WITH ANY OF OUR FLEXIGUARD™ PRODUCTS

ExoFit NEX™ – Full Body Comfort Harnesses



Industry-leading, most advanced harnesses, providing lightweight comfort, ergonomic design and maximum durability



1113010

EXOFIT NEX™ VEST-STYLE HARNESS

Aluminum back D-ring, locking quick connect buckles (XLarge)

1113001 Small

1113004 Medium

1113007 Large



1113130

EXOFIT NEX™ CONSTRUCTION STYLE HARNESS

Aluminum back and side D-rings, locking quick connect buckles with sewn-in hip pad, removable belt (XLarge)

1113121 Small

1113124 Medium

1113127 Large

DELTA™ Harnesses

Innovative, full-body harnesses providing easy-to-use, comfortable back and hip support to workers of all shapes and sizes



1102000

DELTA™ VEST-STYLE HARNESS

Back D-ring, tongue buckle leg straps (Universal Size)

1102000 Tongue Buckles

1110600 Quick Connect Buckles

1103321 Pass-Thru Buckles



1101656

DELTA™ CONSTRUCTION STYLE HARNESS

Vest-style, back and side D-rings, belt with sewn-in back and shoulder pads, tongue buckle leg straps (XLarge)

1102201 Small

1101654 Medium

1101655 Large



SAVE TIME AND MONEY WITH I-SAFE™ 3.0

Easy-to-implement automated safety inspection and compliance activities that reduce time by over 35% compared to manual paper-based inspection and asset management. Each built-in i-Safe™ tag is pre-registered into the i-Safe™ database to provide accessible photos, model type and manufacturing information.

SEALED-BLOK™ Self Retracting Lifelines

Efficient, durable SRLs, providing heavy-duty, reliable support even in the harshest environments



SEALED-BLOK™ SELF RETRACTING LIFELINES

- 3400800 Galvanized Cable, 30 ft. (9m)
- 3400900 Galvanized Cable, 50 ft. (15m)
- 3400802 SS Cable, 30 ft. (9m)
- 3400902 SS Cable, 50 ft. (15m)

ULTRA-LOK™ Self Retracting Lifelines

Long-lasting SRLs made with stainless steel components, an anti-ratcheting brake system and a semi-sealed sign



ULTRA-LOK™ SELF RETRACTING LIFELINES

- 3504433 Galvanized Cable, 20 ft. (6.1m)
- 3504430 Galvanized Cable, 30 ft. (9.1m)
- 3504450 Galvanized Cable, 50 ft. (15.2m)
- 3504434 SS Cable, 20 ft. (6.1m)
- 3504431 SS Cable, 30 ft. (9.1m)
- 3504451 SS Cable, 50 ft. (15.2m)
- 3103208 Nylon Webbing, 20 ft. (6.1m)
- 3103207 Nylon Webbing, 20 ft. (6.1m)

SAFLOK™ Carabiner & Tagline For SRL



2000112

Steel carabiner, self locking/closing
3,600 lb. (16 kN) gate, 11/16"
(17.5mm) opening



2000113

Steel carabiner, self locking/closing
3,600 lb. (16 kN) gate, 1-3/16" (30mm)
gate opening



7211856

TAGLINE FOR SRL

3/16" polypropylene rope with O-ring
at one end x 50 ft. (15m)

7211857 Tagline x 25 ft. (7.6m)

7211858 Tagline x 35 ft. (10.6m)



INNOVATION THAT BRINGS WORKERS AT HEIGHT HOME SAFELY.

Capital Safety is a global company solely dedicated to fall protection and rescue. Our focus is clear. It continually drives us to design and manufacture safer gear that workers want to wear.

Innovation means understanding the industries we serve. We listen to the workers in the field, employ the most engineers, customize solutions, register more new patents and introduce more products. To date, Capital Safety has the best quality and largest breadth of products in the industry. But we're more than a product company.

We take an innovative approach in bringing our products to the field. We have created international partnerships and a vast network of certified installers and service centers. We offer on-site and in-house training. And we're ISO 9001-2000 certified for customer service, as well as manufacturing and engineering.

Capital Safety is one of the world's leading manufacturers in fall protection and rescue equipment, with decades of experience and a legacy of innovation. Look for complete solutions in our extensive line of DBI-SALA® and Protecta® products.



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