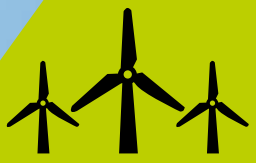
3M | DBI SALA® PROTECTA®

Fall Protection



Fall protection equipment selection for

Wind Energy Industry

Wind Energy

This industry specific catalogue is dedicated to keeping wind energy workers safe while on the job!

Fall protection is a complicated issue and one of the most important faced by an employer or worksite supervisor. With over 37,000 reported incidents per year*, falls from heights almost always result in serious injury. In the wind energy industry, lack of proper fall protection can have serious consequences, even death.

*Source: www.hse.gov.uk/statistics

3M and the Wind Energy Industry

Meeting wind energy challenges

At 3M, we understand that the wind energy industry is a diversified work environment. Not only is it constantly changing as the work progresses and technology evolves, but the industry itself is always innovating with new procedures and materials that present new challenges for your fall protection plan. Wind energy employees work in multiple scenarios where safety is always foremost on the job. These environments are specialised and multi-disciplined, demanding a full range of fall protection solutions to meet the needs of a variety of workplaces. That is why employers turn to 3M Fall Protection's leading brands DBI-SALA® & Protecta® for industry expertise, superior quality products and continual systems innovation.



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Our Brands

3M | DBI SALA® Fall Protection

3M™ DBI-SALA®: Safety without compromise for workers at height.

The DBI-SALA® brand embodies a commitment to excellence and innovation with its extensive range of fall protection solutions, designed to keep you working at height; safely, efficiently, comfortably. The ultimate in fall protection for any work environment.

3M | PROTECTA® Fall Protection

3M™ Protecta®: Trusted, quality fall protection.

With over 75 years experience, the Protecta® brand provides the complete line of fall protection products you can rely on, at exceptional value.



ABCs of Fall Protection

A typical Personal Fall Arrest System (PFAS) incorporates key components often described as the ABCs of fall protection.

A

Anchorages

Anchorages are a secure point of attachment. Anchorage connectors vary by industry, job, type of installation and structure. They must be able to hold fast under the load of a fall, working in suspension or a rescue.



B

Body Support

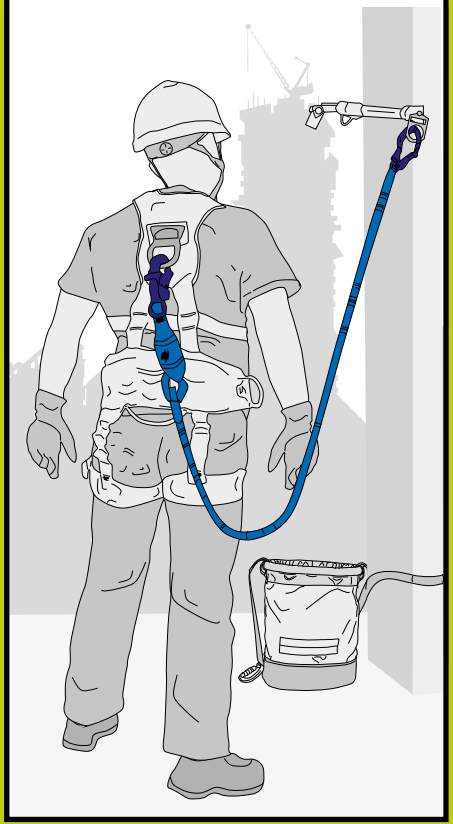
Harnesses distribute fall forces over the upper thighs, pelvis, chest and shoulders. They provide a connection point on the worker for the personal fall protection.



C

Connecting Devices

Products such as shock absorbing lanyards or self-retracting lifelines connect a worker's harness to the anchorage.



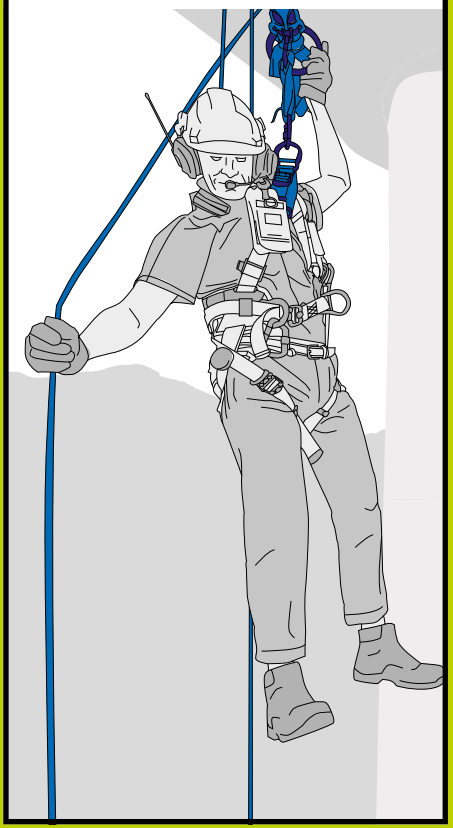
ABCs of Fall Protection

The (A) anchorage/anchorage connector, (B) body support and (C) connecting device - when used together - form a complete system for maximum worker protection. But don't forget the other important components of a comprehensive fall protection programme: (D) descent and rescue, (E) education and (F) fall protection for tools.

D

Descent and Rescue

Descent and rescue devices are used to raise or lower a fallen worker to safety, or to retrieve him from a confined space.



E

Education

We offer a variety of best-in-class certified training courses for work at height and confined spaces at our state-of-the-art training centres located around the world. We can also bring training to your workforce with our specialised demonstration vehicle providing an excellent introduction to fall protection.



F

Fall Protection for Tools

Helps make work environments safer and more productive by reducing dropped object incidents.





Wind Turbine Construction

Fall protection challenges

When constructing wind turbines there are several danger areas where the worker is left open to fall risk.

- Tower Erection involves the use of the ladder system installed in the individual sections of the tower, some of which have a vertical fall arrest system in place which can be utilised, some which do not.
- Nacelle work involves the installation of electrical control units, all of which will require cabling to be installed through the length of the tower. Whether working from the ladder or from a service lift, a minimum of a full body harness and lanyard will be required.
- Workers will be required to work all day in fall arrest equipment. Harnesses used will need to be comfortable, lightweight, and have multiple anchor points. In addition, the equipment should incorporate tool carrying accessories and be very durable and built-to-last.
- For added comfort and safety in these difficult to access areas, accessories such as Trauma Relief Straps should be considered as they allow a suspended user to ‘stand up’ in their harness in the event of a fall.
- While working in the upper reaches of the tower, rescue can be almost impossible from the ground by conventional methods. Self-rescue, personal evacuation and easy to use casualty evacuation equipment is a necessity for personnel working on wind turbines.

A Anchorages

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D Descent and Rescue

3M™ DBI-SALA® Rollgliss™ R550 Rescue Kit		22



Wind Turbine Maintenance

Fall protection challenges

Maintenance of wind turbines is often very dangerous because it's conducted at extreme height or in very confined areas.

- Tower Maintenance involves the use of the ladder system installed in the individual sections of the tower, or the installed service lift to access electrical conduits and structural sections. In either case, a full body harness will be required, and either a ladder safety system or a lanyard to anchor into the lift.
- Maintenance and repair of the control mechanisms for the blades will involve accessing the rotor hub which may be from the outside of the Nacelle.
- Blade inspection and repair involves specialist access equipment and rope access techniques, and can be extremely hazardous and dangerous without the correct equipment.
- Workers will be required to work all day in fall arrest equipment. Harnesses used will need to be comfortable, lightweight, and have multiple anchor points. In addition, the equipment should incorporate tool carrying accessories and be very durable and built-to-last.
- For added comfort and safety in these difficult to access areas, accessories such as Trauma Relief Straps should be considered as they allow a suspended user to 'stand up' in their harness in the event of a fall.
- While working in the upper reaches of the tower, rescue can be almost impossible from the ground by conventional methods. Self-rescue, personal evacuation and easy to use casualty evacuation equipment is a necessity for personnel working on wind turbines.

A Anchorages

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B Body Support

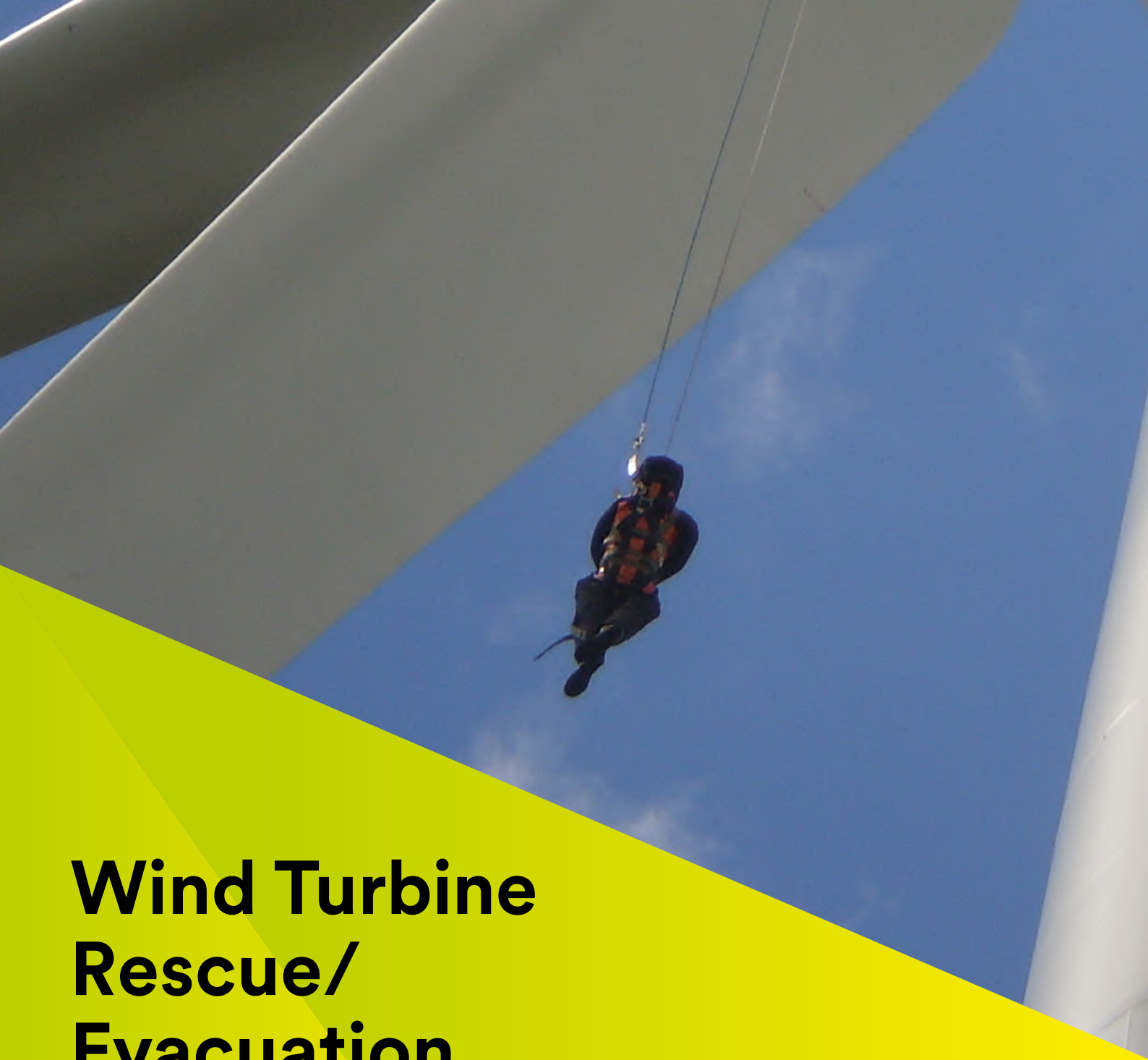
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D Descent and Rescue

3M™ DBI-SALA® Rollgliss™ R550 Rescue Kit		22



Wind Turbine Rescue/ Evacuation

Fall protection challenges

- While working in the upper reaches of the tower, rescue can be almost impossible from the ground by conventional methods. Self-rescue, personal evacuation and easy to use casualty evacuation equipment is a necessity for personnel working on wind turbines.
- The essence of evacuation or rescue is speed. Rapid descent, available for multiple users in the event of fire or complete mechanical failure is an absolute must for personnel constructing or maintaining the wind turbine.
- Self-rescue and casualty evacuation could be needed at any point along the tower, including the Nacelle at the top.
- All rescue and evacuation equipment should be quick and easy to use. Non-installed, or temporary equipment will need to be lightweight and quick to use in relatively confined areas.

Wind Turbine Rescue/Evacuation | Product Selector

A Anchorages

3M™ Protecta® Nylon Webbing Sling		16

B Body Support

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D Descent and Rescue

3M™ DBI-SALA® Rollgliss™ R550 Rescue Kit		22

Product Icons

Lanyard Icons

Lanyards:


Lanyard


Carabiner


Screw Carabiner


Scaffold Hook


Snap Hook


Size of Gate Opening


Connector: Lanyard End


Connector: User End


Rope Type

Type:


Material Type



Material: Aluminium



Material: Steel

General Icons

Dimension



Kilogrammes



Maximum Load


Quantity


User



User (Value)


Breaking Point


Diameter


Certification



Certification (Value)



Certification (Value & Class)


Twin Leg

Type:



Material: Stainless Steel



Material: Thermoplastic



Coating: Galvanised Steel

Self-Retracting Lifeline Icons


Housing


Retrieval Winch



Rescue


Lifeline Material


Connector Material

Certification

The European Commission has set out Directive 89/686/EEC detailing harmonised standards intended to control the design and use of rescue and personal protection equipment against falls from height. These standards must be adhered to, and are applicable in all the member states.

Fall Protection equipment relating to any of these harmonised standards must be tested by a notified body. The CE logo marked on equipment indicates conformity.

Only approved fall protection equipment may be used when working at height.

CE EN353-1	Guided type fall arresters including a rigid anchor line
CE EN353-2	Guided type fall arresters including a flexible anchor line
CE EN354	Lanyards
CE EN355	Energy Absorbers
CE EN358	Belts and restraint lanyards for work positioning
CE EN360	Retractable Type Fall Arresters
CE EN361	Full Body Harness
CE EN362	Connectors
CE EN363	Personal Fall Protection Systems
CE EN364	Test Methods
CE EN365	General requirements for instructions for use, maintenance, periodic examination, repair, marking and packaging
CE EN397	Industrial Safety Helmets
CE EN795	Anchor Devices
CE EN813	Sit Harnesses
CE EN1497	Rescue Harnesses
CE EN567	Mountaineering Rope Clamps
EN 341	Descender Devices
EN 1496	Rescue Lifting Devices

Besides EN standards, the American National Standards Institute (ANSI) and US Occupational Safety and Health Administration (OSHA) also have standards that provide requirements for fall protection equipment. Products that meet ANSI or OSHA standards have the icon below indicated within this brochure.

ANSI OSHA



3M™ DBI-SALA® Ladder Anchor

CE EN795 CE EN50308

A Construction | Maintenance

Part No.	▬〜▬
2100174	22.2 kN

The ladder anchor is ideal for working in difficult to access areas on either side of a ladder. The product is manufactured from high grade corrosion resistance materials, making the anchor suitable for internal and external use.

- Simple and easy to install
- Suitable for aluminium ladders
- Large attachment eye to accommodate a scaffold hook
- No rung supports needed
- Installed over 2 rungs to spread load in the event of a fall to preserve the ladder
- For single user only



3M™ DBI-SALA® Single Anchor Point

CE EN795 CE EN50308

A Construction | Maintenance

Part No.	▬〜▬
7234110	22.2 kN

Anchor point suitable for use as a single attachment point for fall arrest or fall restraint by a single user.



3M™ Protecta® Nylon Webbing Sling

CE EN795 CLASS B

A Construction | Maintenance | Rescue

Part No.	◄·····►
AM450/60	25 mm x 60 cm
AM450/80	25 mm x 80 cm
AM450/100	25 mm x 100 cm
AM450/150	25 mm x 150 cm

3M Protecta anchor straps are built from top quality materials offering high strength and durability to stand up to the toughest environments. Anchorage connectors are the unsung heroes of most fall protection systems, often overlooked but critical components because they securely attach your system to the anchorage.

- Polyester webbing
- Four safety seams
- Visible colour
- Up to max 2 users
- For single user only

XE200 Harnesses

The XE200 comfort harness is built with durable 26kN polyester webbing, lightweight aluminium hardware, hybrid comfort padding with breathable mesh under-side, and reflective 3M™ Scotchlite™ panels. Equipped with modern technology in the dorsal D-ring area for efficient connections and a secure harness fit for your workers, the XE200 also features revolving torso adjustment alongside auto-locking quick-connect buckles to optimise the fit. All models are equipped with low-profile suspension trauma relief straps.



3M™ DBI-SALA® ExoFit XE200 Comfort Wind Energy Safety Harness

CE EN361

B Construction | Maintenance

Part No.	Size	Chest Buckle	Legs Buckle
1112741	1	Quick-Connect	Auto-Locking Quick Connect
1112742	2	Quick-Connect	Auto-Locking Quick Connect
1112743	3	Quick-Connect	Auto-Locking Quick Connect

- Aluminium front centred fall arrest D-ring
- Aluminium automatic stand-up rear fall arrest D-ring
- Aluminium hip D-rings
- Shoulders and back comfort padding with 3M™ Scotchlite™ reflective material
- Leg comfort padding with 3M™ Scotchlite™ reflective material



3M™ DBI-SALA® ExoFit XE200 Comfort Wind Energy Positioning Safety Harness

CE EN358 CE EN361

B Construction | Maintenance | Rescue

Part No.	Size	Chest Buckle	Legs Buckle
1112744	1	Quick-Connect	Auto-Locking Quick Connect
1112745	2	Quick-Connect	Auto-Locking Quick Connect
1112746	3	Quick-Connect	Auto-Locking Quick Connect

- Aluminium front centred fall arrest D-ring
- Aluminium automatic stand-up rear fall arrest D-ring
- Aluminium work positioning D-rings
- Shoulders and back comfort padding with 3M™ Scotchlite™ reflective material
- Leg comfort padding with 3M™ Scotchlite™ reflective material



3M™ DBI-SALA® ExoFit XE200 Comfort Wind Energy Positioning Safety Harness with Front Belt D-Ring

CE EN358 CE EN361

B Construction | Maintenance | Rescue

Part No.	Size	Chest Buckle	Legs Buckle
1112747	1	Quick-Connect	Auto-Locking Quick Connect
1112748	2	Quick-Connect	Auto-Locking Quick Connect
1112749	3	Quick-Connect	Auto-Locking Quick Connect

- Aluminium front centred fall arrest D-ring
- Aluminium automatic stand-up rear fall arrest D-ring
- Aluminium work positioning D-rings
- Aluminium front belt D-ring
- Shoulders and back comfort padding with 3M™ Scotchlite™ reflective material
- Leg comfort padding with 3M™ Scotchlite™ reflective material



3M™ DBI-SALA® ExoFit X300 Comfort Wind Energy Climbing/Positioning Safety Harness

ANSI

B Construction | Maintenance | Rescue

Part No.	Size	Chest Buckle
1113210	S	Auto-Locking Quick Connect
1113211	M	Auto-Locking Quick Connect
1113212	L	Auto-Locking Quick Connect
1113213	XL	Auto-Locking Quick Connect
1113214	2XL	Auto-Locking Quick Connect

The 3M™ DBI-SALA® ExoFit™ X300 is designed for those who refuse to compromise. The X300 harnesses are outfitted with high-quality components that have been developed to enhance the safety, convenience and performance for working at height on your job site. The X300 comfort harness is built with 6,000lb polyester webbing, robust nylon/polyester hybrid comfort padding with reflective 3M Scotchlite™ panels, and lightweight aluminum hardware. New technology in the Dorsal D-ring area helps workers make efficient connections and maintain a safe harness fit.



3M™ DBI-SALA® ExoFit NEX™ Rope and Rescue Safety Harness

ANSI

B Construction | Maintenance | Rescue

Part No.	Size	Chest Buckle	Legs Buckle
1113370	S	Dual Lock	Quick Connect
1113371	M	Dual Lock	Quick Connect
1113372	L	Dual Lock	Quick Connect
1113373	XL	Dual Lock	Quick Connect

3M DBI-SALA ExoFit NEX Harnesses incorporate advanced technologies in the industry. These multi-use harnesses are ideal for professionals in the wind energy sector. The harnesses combine specialised designs, components and hardware to optimise rope rescue and industrial rope access work.



3M™ Protecta® Comfort Belt Style Fall Arrest Work Positioning Harness

CE CE
EN358 EN361

B Construction | Maintenance | Rescue

Part No.	Size	Chest, Legs and Waist Buckle
1161633	S	Quick-Connect
1161634	M/L	Quick-Connect
1161635	XL	Quick-Connect

3M™ PROTECTA® Comfort Belt Style Fall Arrest Harness is our safety harness which provides reliable protection, comfort and convenience; now with upgraded features and a sleek, modern look.

Our comfort belt style fall arrest harness with horizontal leg straps has enhanced features including auto-resetting lanyard keepers, gear tools loops, as well as softer and more durable hip padding. Articulated rings on the horizontal leg straps allow the upper and lower body to twist providing greater freedom of movement. The rotating belt enables movement within the harness while working in restraint/positioning. The safe and conveniently placed front D-ring helps you stay balanced and centred. No loose web ends help you stay comfortable and tangle-free. A robust and durable belt provides easy tool-bag carrying. Impact indicators make it simple to check the harness for damage and help ensure it's safe to use. Covered identification labels help protect important information for the life of the harness.



3M™ DBI-SALA® Work Positioning Trigger Lanyard - Rope

CE EN358 CE EN362

C Construction | Maintenance | Rescue

Part No.	◂·····▸	⌀						
1200313	Adj. to 2 m	11 mm		21 mm	Ⓐ		21 mm	Ⓐ

The 3M DBI-SALA adjustment system has been improved to give the option to easily adjust the length of the lanyard during use using the black trigger, even in harsh environments when the ropes wet and dirty.

- Braided rope, diameter 11 mm
- Max weight capacity: 140 kg



3M™ DBI-SALA® Force2™ Elastic 100% Tie-Off Shock Absorbing Lanyard

CE EN355

C Construction | Maintenance | Rescue

Part No.	◂·····▸						
1246032	1.8 m	■	2		20 mm		60 mm

The Force2™ lanyard is ideal when there is no overhead anchorage and your only option is to tie off at your feet. It can be used for up to a 12 ft. (3.7 m) free fall, or as a standard lanyard up to a 6 ft. (1.8 m) free fall for workers that require a capacity of 311 to 420 lbs. (141-190 kg). They feature the world's smallest and lightest shock absorber and our exclusive Hi 10™ Vectran™ energy management materials that provide second to none abrasion, cut and chemical resistance and efficient shock absorption. Should a fall occur, the lanyard and its unique energy absorbing system will activate stopping the fall and reducing the forces imposed on the user to safe levels. Our patented self locking snap hooks which are widely recognised in the industry for their user friendly operation and are preferred by safety professionals and workers alike. Specifically designed to allow you to open and connect the hook without getting your thumb or fingers in the way even with gloves on.



3M™ DBI-SALA® EZ-Stop™ Shock Absorbing Lanyard Rope Edge

CE EN355

C Construction | Maintenance | Rescue

Part No.	◂·····▸						
1246547	1.5 m	■	2		21 mm		60 mm

3M DBI-SALA's EZ-Stop Edge Tested lanyards are designed to offer greater security to users exposed to falls over or around edges and tested rigorously over a 0.5 mm radius edge. All edge tested products in the DBI-SALA range are differentiated from DBI-SALA standard shock absorbing lanyards and bear the Edge tested logo.

- The fall arrest solution for all users working at height exposed to falls around or over edges.
- 12 mm diameter rope offers durability whilst maintaining flexible handling for ease of use. Orange accenting indicates suitability for edge applications.



3M™ DBI-SALA® Sealed-Blok™ RSQ™ Self-Retracting Lifeline – Cable

CE EN360 EN 341 CLASS D

C Construction | Maintenance | Rescue

Part No.	◄·····►				RSQ
3400917	25 m	SS	SS	■	■



3M™ DBI-SALA® Sealed-Blok™ Self-Retracting Lifeline – Cable

CE EN360

Part No.	◄·····►		
3400951	15 m	SS	SS

3M DBI-SALA continues to set the standard for quality in fall protection. The 3M DBI-SALA Sealed-Blok SRL family has a fully comprehensive line of sealed SRLs and decades of proven field service.

Durable

- Stands up to harsh environments
- Heavy-duty design
- Corrosion resistant
- Stainless steel end-plates
- Aluminium housing

Reliable

- Dynamic components sealed inside the housing (IP69K rated)
- Protects from particles entering product
- Protected against complete or continuous submersion in water
- Decades of service
- Field proven in the tougher environments
- Design extends maintenance intervals and product longevity



3M™ DBI-SALA® Rescue Rope Grab For Web, Stainless Steel

CE EN567

C Construction | Maintenance | Rescue

Part No.
500033

A web grab that can be used to facilitate a rescue from the crown, monkey board, ladder or other work locations on the structure.



3M™ Protecta® Work Positioning Trigger Lanyard - Rope

CE EN358

C | Construction | Maintenance | Rescue

Part No.	◄·····►	⌀							
1200314	Adj. to 2 m	10.5 mm		21 mm	S		24 mm	A

The 3M Protecta adjustment system has been improved to give the option to easily adjust the length of the lanyard during use.

This new version has a triple action carabineer AJ572 with a zinc plated steel snaphook (ref: AJ523).

- Braided rope, diameter 10.5 mm
- Max weight capacity: 140 kg



3M™ Protecta® Shock Absorbing Lanyard

CE EN355

C | Construction | Maintenance | Rescue

Part No.	◄·····►						
1260348	1.5 m	■	2		18 mm		50 mm

- Elasticated webbing reduces lanyard length when not under tension, reducing the risk of trip and snagging hazards
- 140 kg max. rated weight capacity - higher than standard fall arrest lanyard



3M™ Protecta® Rebel™ Self-Retracting Lifeline - Cable - 30 m

CE EN360

C | Construction | Maintenance | Rescue

Part No.	◄·····►			
3590690	30 m		T	G

3M Protecta Rebel Self-Retracting Lifeline's are available with a heavy duty aluminium or a durable lightweight thermoplastic housing, providing an economical fall protection solution without compromising on performance or safety.

Integrated ergonomic carrying handle and top swivel connector ensure easy transport and installation. Built-in fall indicator hook allows visual yearly inspection. 3M Protecta Rebel Cable blocks meets the latest CE sharp edge certification when used with an extension sling.

3M™ DBI-SALA® Rollgliss™ R550 Rescue and Descent with Rescue Hub

D Construction | Maintenance | Rescue

Emergency Escape

Use the Rollgliss 550 rescue device as an escape device when it is imperative to get to the ground as quickly as possible.

Assisted Rescue Pick-Off

Use the Rollgliss 550 rescue device for an assisted pick-off rescue when a victim is unable to get to safety alone. Lower to the victim and hook up to them and use the device to descend to safety.

Assisted Rescue

Attach the Rollgliss 550 rescue device to the top of the wind turbine and lower the hook end to the victim and lower them to the ground.

Custom Rescue

The Rollgliss 550 rescue device can be used in many custom rescue situations. Use the system to repel down the structure to safety.



Optional Rescue Hub

Allows to perform not only evacuation but also rescue

Bi-Directional Hub

Rope descends from either side which brings one hook up as the other goes down, allowing for immediate use after each descent

Optional Bracket

Allows quick and easy connection to the ladder rung in order to optimise effectiveness of the rescue

Durable Rope

9.5 mm (3/8") static kernmantle rope rated for durability

Multiple Length Options

Lengths from 10 to 200 m for 2 persons and from 10 to 500 m for 1 person

Weight Capacity

282 kg

Rescue and Descent Units

CE CE EN EN341 EN365 1496

Part No.	Length
3307150	150 m
3307175	175 m
3307200	200 m
3307300	300 m

Accessories

Part No.	Description
2000112	Twist Lock Self-Locking Carabiner with 11/16 in. (1.75 cm) Gate
3320002	Edge Protector with Carabiner
9506162	Carrying Bag
AM450/120 AM450/80	Nylon Webbings 25 mm x 120 cm 25 mm x 80 cm
5000033	Rescue Rope Grab for Web, Stainless Steel



2000112



AM450/120
AM450/80



3320003



5000033



9506162

Part No.	Description
1500003	3M™ DBI-SALA® D-Ring 13 X 57 mm, 0.9 kg Load Rating, 10/Pack
1500005	3M™ DBI-SALA® D-Ring 13 X 57 mm, Non-Conductive, 0.9 kg Load Rating, 10/Pack
1500007	3M™ DBI-SALA® D-Ring 25 X 89 mm, 2.3 kg Load Rating, 10/Pack
1500009	3M™ DBI-SALA® D-Ring Attachment, with Cord 2.3 kg Capacity, 10/Pack
1500010	3M™ DBI-SALA® D-Rings Micro D-Ring, 10/Pack
1500015	3M™ DBI-SALA® Tool Cinch Attachments V-Ring Attachment Point, 2 Stabilisation Wings, 15.9 kg
1500027	3M™ DBI-SALA® Quick Spins Small, 15 mm Diameter, 0.5 kg Load Rating, 10/Pack
1500028	3M™ DBI-SALA® Quick Spins Medium, 20 mm Diameter, 0.5 kg Load Rating, 10/Pack
1500029	3M™ DBI-SALA® Quick Spins Large, 25 mm Diameter, 0.5 kg Load Rating, 10/Pack
1500030	3M™ DBI-SALA® Quick Spins Extra Large, 31 mm Diameter, 0.5 kg Load Rating, 10/Pack
1500047	3M™ DBI-SALA® Tool Bungee Tethers Hook2Loop Bungee Tether, 0.80 cm Relaxed 120 cm Streched, 4.5 kg Load Rating
1500048	3M™ DBI-SALA® Tool Bungee Tethers Hook2Loop Bungee Tether, 0.80 Cm Relaxed 120 cm Streched, 4.5 kg Load Rating, 10/Pack
1500049	3M™ DBI-SALA® Tool Bungee Tethers Medium Duty Hook2Loop Bungee Tether, 0.80 cm Relaxed 130 cm Streched, 15.9 kg Load Rating
1500050	3M™ DBI-SALA® Hook2Loop & Hook2Rail Lanyards Medium Duty, (180 cm) in Length, 15.9 kg Load Rating
1500051	3M™ DBI-SALA® Heavy Duty, (180 cm) in Length 36.3 Load Rating
1500054	3M™ DBI-SALA® Fall Protection for Tools Trigger2Trigger Tool Tether 30.5 cm (12”), 10/Pack
1500059	3M™ DBI-SALA® Coil Tethers Clip2Clip Coil Tether, 0.9 kg Load Rating, 10/Pack
1500060	3M™ DBI-SALA® Coil Tethers Clip2Loop Coil Tether, 0.9 kg Load Rating, 10/Pack
1500065	3M™ Hook2Quick-Ring Coil Tool Tether with Tail, 2 lb Capacity, 3 - 62 in
1500067	3M™ DBI-SALA® Trigger2Trigger Coil Tether, 2.3 kg Load Rating
1500082	3M™ DBI-SALA® Adjustable Wristband, 2.3 kg Load Rating
1500084	3M™ Adjustable Hook and Loop Wristband with Cord, 5 lb Capacity, Universal
1500089	3M™ DBI-SALA® Holsters Adjustable Radio Holster, Clip2Loop Coil Tether and Micro D-Ring
1500090	3M™ Drill Battery Holster, 10 lb Capacity
1500094	3M™ DBI-SALA® Holsters Hammer Holster and Hook2Quick Ring Coil Tether


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Part No.	Description
1500097	3M™ DBI-SALA® Holsters Scaffold Wrench Holster with Retractor and Hook2Loop Bungee Tether
1500099	3M™ DBI-SALA® Tape Measure Sleeve, Medium, Black
15000102	3M™ Single Tool Holster with Retractor For Belt, 1.5 - 5 lb Capacity, 4 - 52 in
15000104	3M™ DBI-SALA® Holsters Single Tool Holster with Retractor, Harness Attachment
15000107	3M™ DBI-SALA® Holsters Dual Tool Holster with Retractors, Belt Attachment
15000108	3M™ Dual Tool Holster For Harness, 5 lb Capacity
15000109	3M™ DBI-SALA® Dual Tool Holster with 2 Retractors, Harness
15000110	3M™ Comfort Tool Belt with Hip Pad, Small/Medium, 28 – 36 in Waist
15000111	3M™ Comfort Tool Belt with Hip Pad, Large/X-Large, 36-44 in Waist
15000112	3M™ Comfort Tool Belt with Hip Pad, 2X/3X, 44 – 52 in Waist
15000113	3M™ Utility Tool Belt, Small/Medium/Large, 28 – 46 in Waist
15000116	3M™ DBI-SALA® Belt Loop with D-Ring, 2.3 kg Load Rating, 10/Pack
15000119	3M™ DBI-SALA® Parts Pouch, Canvas Black, Small
15000123	3M™ DBI-SALA® Parts Pouch, Canvas Black, Extra Deep, Small
15000125	3M™ DBI-SALA® Standard Tool Pouch with 2 Retractors
15000132	3M™ DBI-SALA® Utility Pouch
15000134	3M™ DBI-SALA® Safety Bucket Canvas with Hook and Loop Closure, 45.4 kg Load Rating
15000140	3M™ DBI-SALA® Safe Bucket 113.4 kg Load Rated Vinyl with Hook and Loop Closure, 113.4 kg Load Rating
15000159	3M™ DBI-SALA® Hook2Hook Coil Tether
15000174	3M™ DBI-SALA® Heavy Duty Quick Wrap Yellow 25.4 mm Wide, 2.7 m Roll
15000175	3M™ DBI-SALA® Quick Wrap Tape II, Yellow, 1”x 108”, 10/Pack
15000178	3M™ DBI-SALA® Hard Hat Tether, 10/Pack


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3M™ Protecta® Cabloc™ vertical climbing system can be permanently installed to a ladder or other vertical structure that requires frequent access. It provides a safe, functional and practical means of access and egress.

The 3M Protecta Cabloc vertical climbing system can be used in several configurations with different cable, traveller and absorber options and components in either stainless or galvanised steel.





Features and Benefits

The 3M Protecta Cabloc vertical climbing system is well known throughout the world and is a very popular choice for wind power companies.

- Top and bottom anchors for ladders available in either galvanised or stainless steel. Easy and quick to install, saving time for the installer.
- Bottom anchor tension indicator. Provides visual indication that the cable is correctly tensioned.
- 3M Protecta Cabloc Pro traveller which can be used on structures that incline up to 15°. To suit a wide variety of structures.
- By passable intermediate cable guide for use with the 3M Protecta Cabloc Pro traveller. The traveller can smoothly bypass the new intermediate brackets without the need for user intervention allowing hands free continuous movement on the system.
- Anti-inversion feature on the 3M Protecta Cabloc Pro traveller. Prevents the user mounting the traveller on the cable incorrectly.
- The cable is supported at 10 m intervals with intermediate cable guides which prevents adverse wind chatter and cable fretting.
- Traveller automatically follows user and locks in event of a fall. Providing uninterrupted movement for the user during ascent and descent whilst maintaining complete safety
- Components are made from .high quality materials with corrosion resistant finishes which ensures 3M Protecta Cabloc climbing system is suitable for installation in a wide range of aggressive environments.
- 3M Protecta Cabloc climbing system conforms with and is tested in accordance with EN353-1 standards, CNB/P/11.073 and is CE marked. This provides the end user with complete confidence that the system meets the latest standards and legislation.
- Users can attach and detach at any point along the length of the climbing system allowing easy access to platforms and adjacent work areas.

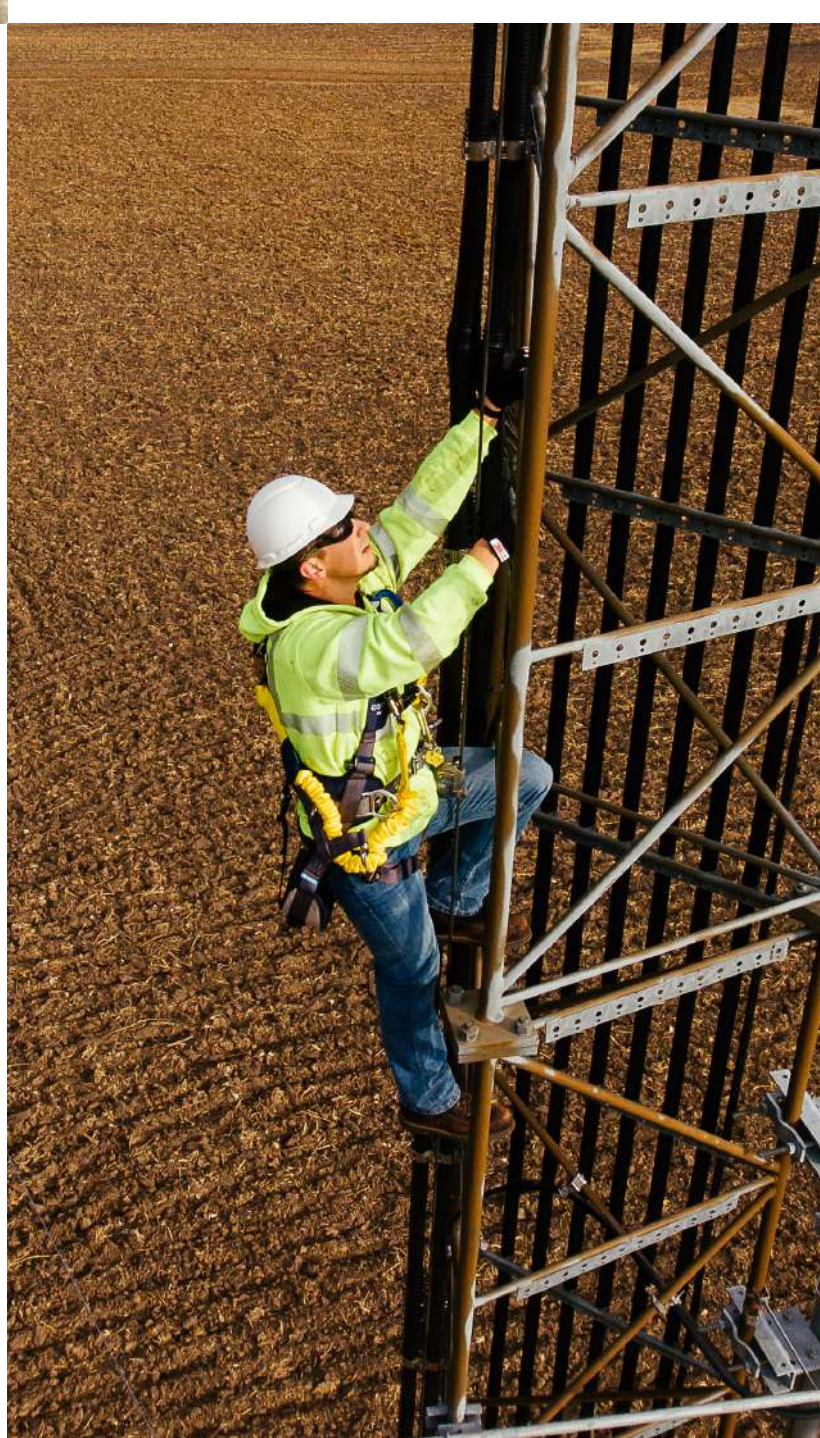


The 3M™ DBI-SALA® Lad-Saf™ permanently installed vertical safety system offers complete fall protection for the worker. It is designed to work with many different styles and lengths of ladders on structures like wind turbines, communication towers, buildings, water towers and more.

The flexible cable system consists of a top and bottom bracket that act as anchors for a steel cable that runs the length of the climbing area. The Lad-Saf X2 or Lad-Saf X3 traveller connects the worker to the system, automatically follows the user during the climb and locks onto the cable in the event of a fall, allowing the user to regain their footing.

Features and Benefits

- Fast and simple do-it-yourself installation to most fixed ladders with rung clamps, bolts and standard tools reduces overall costs.
- Extremely easy to use traveller travels with worker without being attended to, can be attached anywhere along the lifeline and locks in the event of a fall.
- Depending upon your rung strength, the system can be used by 1, 2, 3 or 4 users for added worksite flexibility.
- Hundreds of different brackets, styles and configurations are available to suit almost any application.
- Stainless steel construction offers ultimate durability and corrosion resistance in harsh environments for added longevity.
- Integrated shock absorbing top bracket reduces forces imposed on the ladder structure during a fall for added safety.
- Bypassable intermediate cable guides, 1 every 7.6 m, Prevents cable wear against the ladder and permits the climber to manually bypass without disconnecting for added safety and productivity. Built-in tension indicator in the bottom bracket takes the guesswork out of installation and correct tensioning.





Safety Training

Your needs are at the core of what we do.
That's why 3M offers worker health and safety training on principles, hazards, PPE products, software and other valuable information to enhance your workplace safety initiatives.

Remember that safety goes beyond simply providing access to PPE – workers must also be trained in its proper wear and use. Our resources can help you ensure they have access to vital information about their PPE.

Explore our digital library on the Worker Health & Safety Portal for India at the 3M Safety Academy for topics like respiratory protection, welding, hearing conservation, fall protection, and more.

It's just one more way 3M helps you and your workers stay connected, compliant and safe.

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Ready to learn more?

Scan for more details.



PPE Knowledge Series Quick Safety Guides

Too busy to read lengthy articles or guides? Save your time by watching our series of short videos to learn standards & how to select the most suitable personal protective equipment for your workplace. Topics covered include:

- Fall protection equipment inspection – Why, Who, What and How?
- When to use Disposable, Reusable, Powered Air or Supplied Air Respirator?
- Understanding respirator particulate filter efficiency and standards.
- Which chemical cartridge should you select for your application?
- Different types of hearing protection equipment and when to use them.

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