



Application Showcase



DIVERSIFIED

FALL PROTECTION

Elevating safety standards

FallProtect.com



Elevating safety standards

Diversified Fall Protection is dedicated to keeping people safe on the job.

We specialize in the design, development, and manufacture of engineered fall protection systems designed to keep workers safe while working at heights. We offer custom-designed systems as well as turnkey solutions, so you get exactly what you need—and we're experts in OSHA and ANSI compliance, too.

We believe safety begins with education, which is why we provide complete fall protection training as well. We also conduct on-site and virtual fall hazard assessments, inspections, and system repair and re-certification, so you can be confident your facility is fully secure.

Diversified Fall Protection provides the expert knowledge and reliable resources required to protect your employees, safeguard your company's assets, and ensure your organization's compliance with all OSHA fall protection regulations.

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Search by Industry or Product

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INDUSTRIAL													
Automotive	✓		✓			✓	✓	✓	✓	✓	✓	✓	
Billboards	✓			✓	✓						✓		
Crane & Crane Rail	✓			✓						✓	✓		
General Industry	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Paint & Blast Booth	✓		✓				✓				✓		
Pulp & Paper	✓		✓				✓				✓		
Silos & Towers					✓		✓				✓		
Warehousing & Conveyor	✓		✓	✓		✓	✓	✓			✓		
Window Washing	✓						✓				✓		
OIL, GAS, AND CHEMICAL													
Offshore & Oil Rigs	✓		✓		✓		✓				✓		
Chemical & Petrochemical	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	
Refinery	✓		✓		✓	✓	✓	✓		✓	✓	✓	
Silos & Towers	✓				✓						✓		
UTILITIES AND ENERGY													
Hydroelectric	✓		✓		✓	✓	✓		✓		✓	✓	✓
Nuclear Energy	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
Power Transmission							✓	✓			✓	✓	
Solar Energy	✓						✓				✓	✓	✓
Water Tower					✓						✓	✓	✓
Water Treatment							✓	✓			✓	✓	✓
Wind Energy					✓		✓				✓		
AGRICULTURE AND MINING													
Mining			✓				✓	✓		✓	✓		
Railcar Loading & Unloading	✓	✓	✓				✓	✓					
Silos & Towers					✓						✓		
Truck Loading & Unloading	✓	✓	✓				✓	✓		✓			
AIRCRAFT AND AEROSPACE													
Aircraft Hangars	✓		✓			✓	✓	✓	✓		✓	✓	✓
Aerospace	✓		✓			✓	✓	✓	✓		✓	✓	✓
ROAD AND RAIL													
Department of Transportation	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓		
Railcar	✓	✓	✓				✓	✓					
Regional Transit	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	
Ship & Barge	✓	✓	✓				✓				✓		
Truck	✓	✓	✓				✓	✓					
RECREATION													
Stadiums, Arenas, Conv. Ctrs.		✓	✓	✓	✓	✓		✓		✓	✓		
Theaters	✓		✓	✓	✓	✓	✓		✓		✓	✓	✓
Theme Parks	✓		✓	✓	✓	✓	✓		✓		✓	✓	✓
CONSTRUCTION													
Rooftop (Renovation)				✓	✓	✓			✓		✓	✓	✓
Rooftop (New Construction)			✓		✓			✓		✓	✓	✓	
Healthcare & Education	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
Hospitals & Medical Centers		✓	✓	✓	✓	✓	✓	✓		✓	✓		

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Horizontal Lifelines

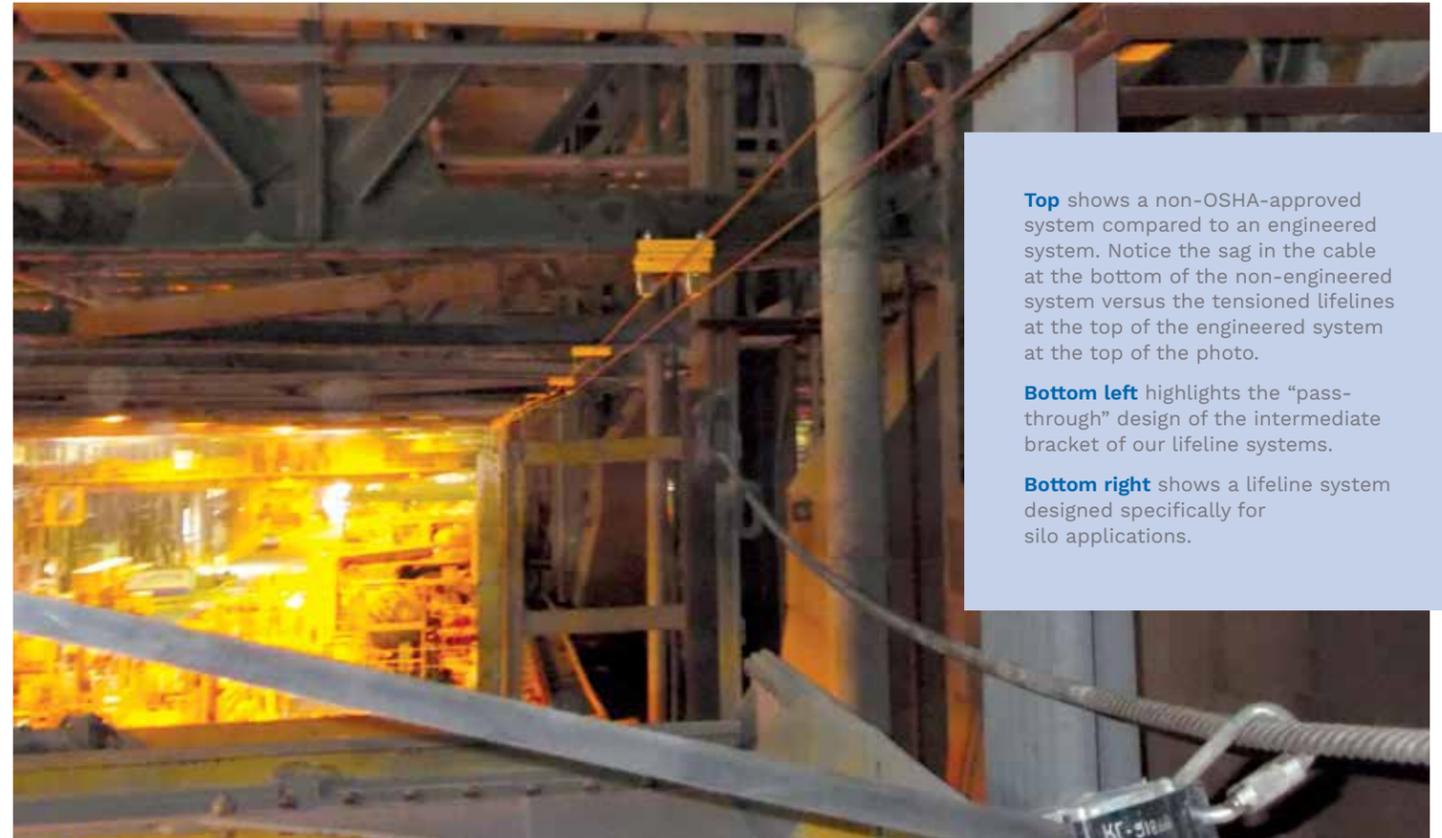
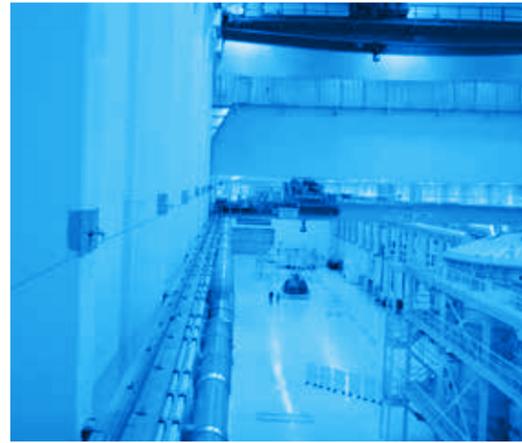
A common fall protection solution, Horizontal Lifeline Systems (HLL) don't require a personal tie-off anchor point. Instead, a stainless steel cable is attached to two or more anchor points on the rooftop or other application (such as crane rail or overhead gallows system).

Pass-through intermediate brackets maintain tension on the line. Combined with personal protective equipment, horizontal lifeline systems can arrest a fall; with body harness and lanyard, it can also serve as a fall restraint system.

Compatible with any part of many different fall protection systems

Allows hands-free travel along the entire length of the system

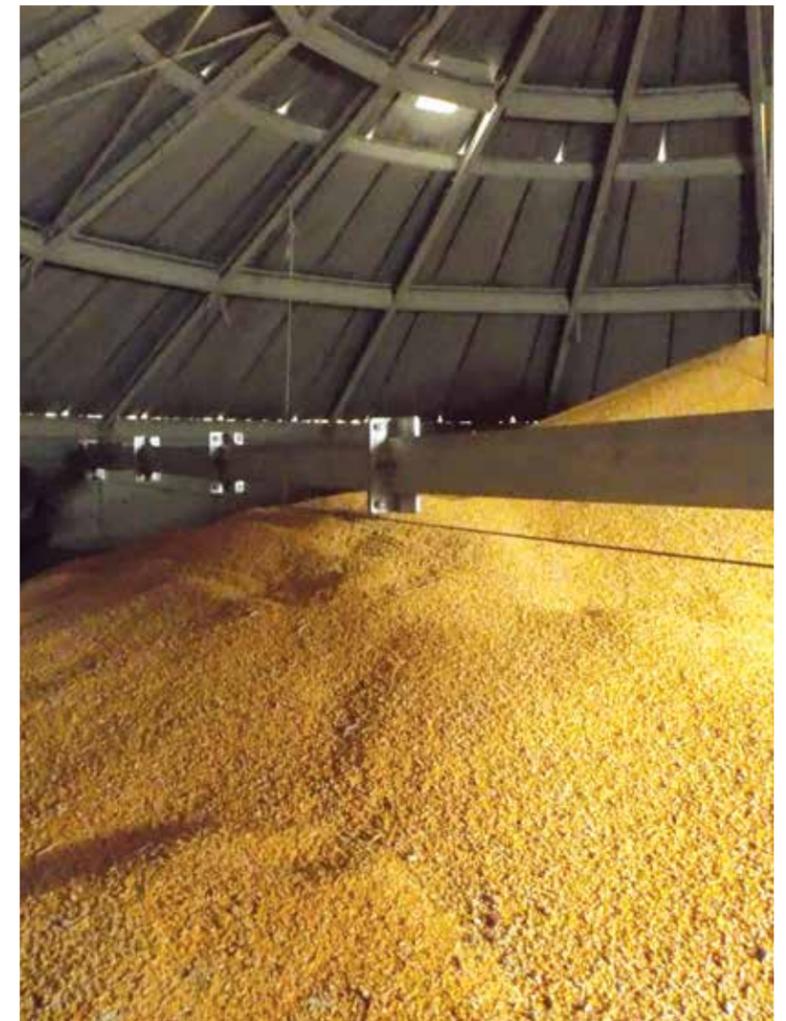
Stainless steel components resist corrosion and weathering



Top shows a non-OSHA-approved system compared to an engineered system. Notice the sag in the cable at the bottom of the non-engineered system versus the tensioned lifelines at the top of the engineered system at the top of the photo.

Bottom left highlights the "pass-through" design of the intermediate bracket of our lifeline systems.

Bottom right shows a lifeline system designed specifically for silo applications.



Gallows

Gallows systems provide overhead fall protection, most often with outdoor trucking and rail systems. Since the anchor point is located above the worker, gallows systems reduce the fall distance, arresting falls before the worker strikes the ground or working equipment.



There are two important design considerations when determining a gallows system. First, the height of your rail cars or trucks establishes your fall clearance, which in turn determines whether a rigid or cable system is used. Second, the soil compaction around your tracks must be taken into account when designing the concrete foundations of the gallows.

Choose rigid or lifeline styles, depending on working surface

Available in “L”, “T”, or “U” shape configurations

Dual track option for bypass capability



There are two very important design considerations when determining your gallows system. The height of your railcars or trucks establishes your fall clearance, this in turn determines if a rigid or cable system can be used. Also, it is important to know the soil compaction around your tracks so the foundations of the gallows can be designed correctly.



Rigid Rail

Rigid rail systems are engineered fall arrest systems that protect workers in applications with minimal fall clearance, including situations with low headroom. They can be indoor or outdoor applications and are suitable for one or multiple users.

Total working height is a vital design consideration in engineering fall arrest or fall protection systems. Rigid rail systems can accommodate shorter fall clearance than wire lifeline systems and don't negatively impact other workers on the rail in the event of a fall.

Reduced fall distance versus a lifeline

Better suited for multiple users

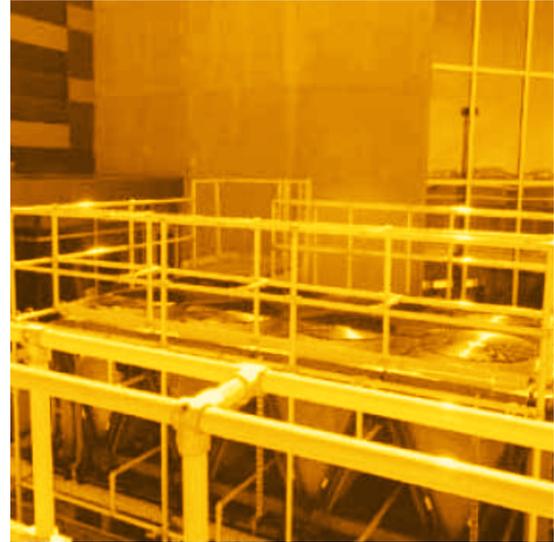
Dual track option for bypass capability



When considering a rigid rail fall protection system, total working height is always the most important design consideration. It is imperative that the system can arrest a fall before a worker can come into contact with structure (e.g., equipment, support beams, pipes, floor) below the working surface. It is also important to take into account the total number of users connected to the system, and whether by-pass capability is required for workers to complete routine tasks or to perform basic job duties.



Guardrail



Guardrail systems provide simple and easy-to-use leading edge fall protection for a variety of applications. Choose from fixed-mount or non-penetrating options, permanent installations or portable guardrail. No line and harness required: guardrail protects instantly.

Whether you're protecting workers on a roof, mezzanine, gangway, staircase, or other application, guardrail systems from Diversified Fall Protection deliver OSHA-compliant safety solutions for your facility.

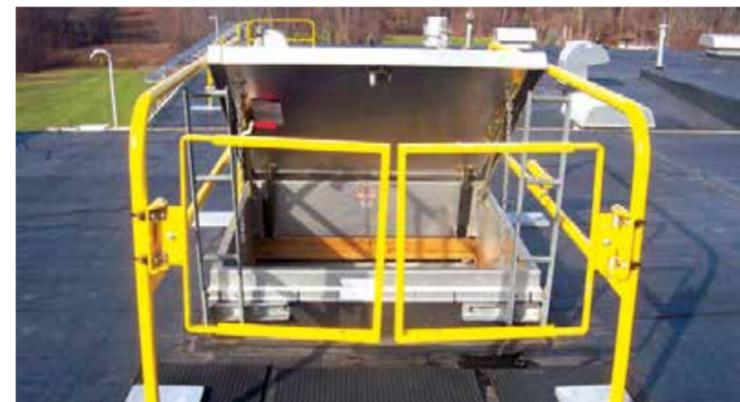
Non-penetrating or fixed mount options

Multiple colors available, including safety yellow and custom colors

Customizable configurations for your exact project



Care must be taken when specifying weighted base guardrail systems to consider loads applied to the deck. Regardless of location or mounting style, the top rail must be rated to withstand a force of at least 200lbs; the mid-rail must be rated at 150lbs. DFP can also make custom guardrail as shown in the photo to the left. The round guardrail was bent to match the radius of the tank.



Vertical Lifelines

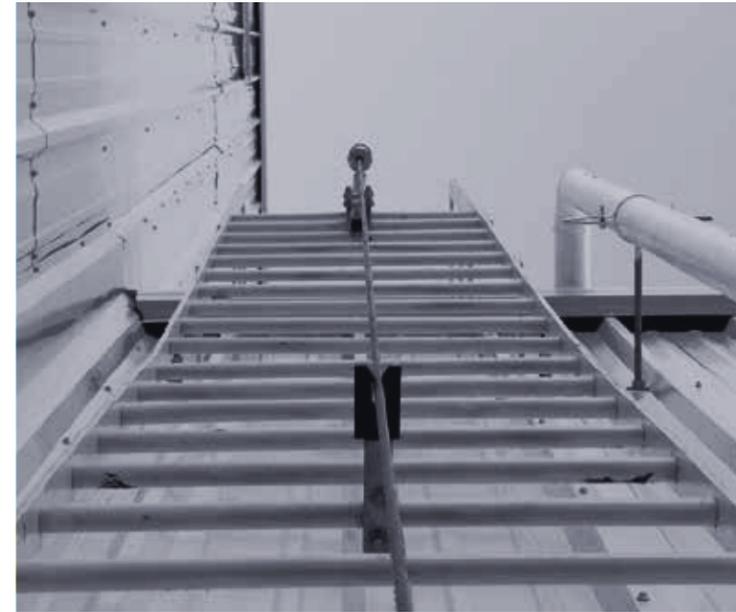
Vertical lifeline systems allow movement up and down the entire height of the line, eliminating the need to disconnect and find new tie-off points while ascending or descending from applications such as a tower or ladder. By connecting to the vertical lifeline using a deceleration device, users may move as long as tension is slack on the lifeline.

Diversified Fall Protection's EZ Series access ladder system meets all new OSHA requirements and installs in less time than traditional fixed ladders. DFP fall protection engineers can help identify your facility's ladder fall hazards, make specific safety recommendations, and implement a training program to ensure safety and OSHA compliance.

Greater security when climbing ladders

Provides greater fall protection than cages

Attachments to many forms of ladder rungs available



DFP's EZ Series access ladder system meets all of the new OSHA requirements and installs in less time than traditional fixed ladders with welded stand-off brackets. DFP fall protection engineers can help identify your ladder fall hazards, make specific recommendations to increase the safety of your ladder systems, and implement a safety and training program to ensure worker safety and OSHA compliance.



Rooftop Lifelines

Roof horizontal lifelines are one of the most common types of fall protection systems. Comprised of a cable and two or more anchor points, rooftop lifelines allow personnel to safely access roofs and rooftop equipment while maintaining 100% tie-off.

Seemingly simple in nature, rooftop lifelines are actually quite complex, requiring careful consideration of support structure, roofing material, anchor point location, and roof pitch, among other factors. The safety specialists at Diversified Fall Protection are specially trained to be able to design custom rooftop lifeline configurations for every individual application to ensure total OSHA compliance and worker safety.

Tip-over or rigid post design

Continuous pass-through system

Compatible with flat or pitched roofs and variety of materials



The slope and the construction of your roof are the two factors when determining your rooftop lifeline. No matter the style, all DFP lifelines are a continuous pass-through system that allow workers to travel the entire system length without disconnecting.



Access Platforms, Stairs, and Gangways



Access platforms, stairs, and gangways are simple, easy-to-use passive fall restraint systems designed to prevent slips and accidents before they happen. Access platform designs can range from single station installations to complex, multi-unit systems. (For loading and unloading applications, the access platform's height must allow sufficient clearance for railcars, tankers, and trucks commonly serviced.)

Whether your employees need access to the top of a railcar or truck, monitoring station, or overhead equipment requiring maintenance, access platforms equipped with stairs, guardrails, and a gangway system offer OSHA-compliant fall protection and safety.

Can eliminate the need for workers to tie off

Indoor and outdoor applications

Single or multi-unit systems



Access platform designs range from single station installations to complex, multi-unit systems. For loading and unloading applications, the access platform's height must allow sufficient clearance for railcars, tankers, and trucks commonly serviced."

Transportable Solutions

Transportable fall protection offers fall protection in cases where a permanent system is not possible. It's ideal for applications where location or lack of sufficient overhead structure requires a mobile solution.

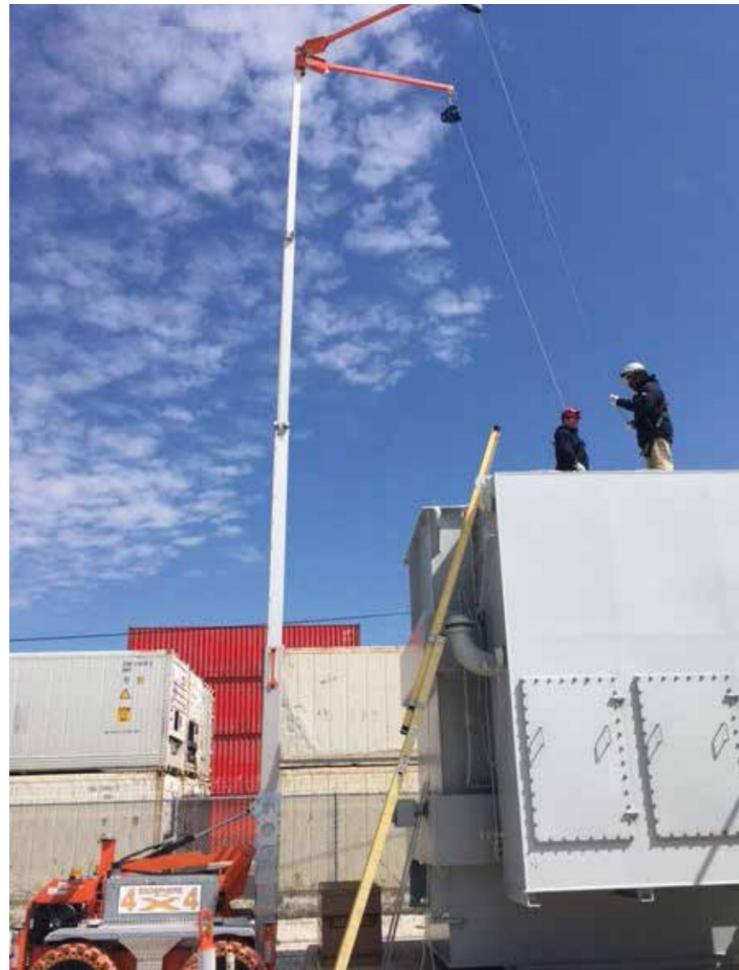
Diversified Fall Protection offers both pre-engineered and custom-designed fall protection. Transportable fall protection can be used on both indoor and outdoor applications, such as vehicle repair.

Portability allows for use in multiple applications or locations

Lightweight designs allow for easy maneuverability

Indoor and outdoor use

Offering both pre-engineered and custom-designed fall protection solutions, our OSHA-compliant Transportable Fall Protection is ideal for applications requiring a mobile solution due to location, lack of or limited overhead structure, or the need for multiple location usage which removes the need for permanent options.



Rooftop Walkways and Crossovers

Rooftop walkway systems, work platforms, and crossover platforms offer a solution to rooftop damage caused by foot traffic and the installation of heavy equipment. OSHA-compliant and offering weather-resistant finishes and corrosion protection, these systems can arrive factory-assembled or be assembled on-site.

Rooftop walkway systems and rooftop work platforms protect against puncture, abrasion, and wear, while providing a safe, clearly defined, anti-skid walking surface. They're compatible with use on membrane, built-up, foam, and coated roofs.

Provide a safe walkway for rooftop traffic

Do not penetrate roof surface

Protect the roof from damage caused by foot traffic



Resisting outdoor conditions in galvanized steel or aluminum finish and attaching to a variety of roof types, Rooftop Walkways and Crossovers are available factory-assembled or assembled on-site and these OSHA-compliant systems are ideal for most rooftop maintenance activities or traffic.



Articulating Jib Arm Systems

Jib Arm Systems are ideal for crane bay applications where fall protection is needed but could cause interference with day to day crane operations. The articulating feature allows the systems to be moved out of the way when not in use. The rigid style of these systems also reduces total fall distance.

Important design considerations for articulating jib systems include calculating the total coverage area requiring fall protection, the number of users the system will need to support, and whether bypass capability is required.

Folds away to eliminate interference with cranes or other moving equipment

Minimal system deflection leads to faster fall arrest

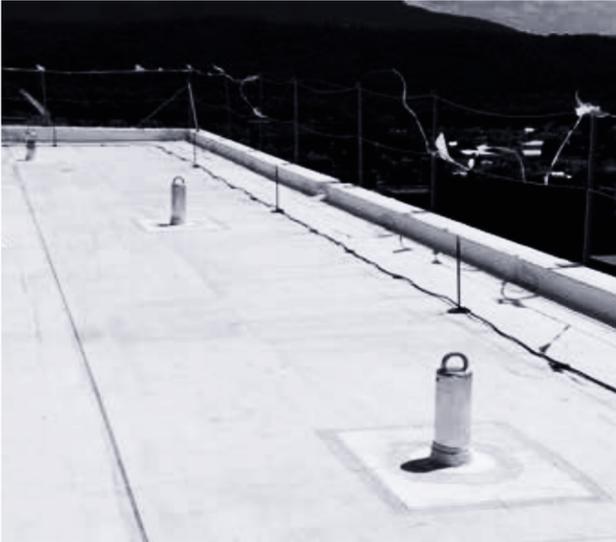
Choose from single arm or trolley-beam style

Dual track option for bypass capability



For articulating jib systems, one of the most important design considerations is assessing the total coverage area that will need fall protection to protect workers as they perform routine maintenance and daily job duties. The number of users and the potential need for by-pass capability is also an important factor when developing system specification and design features.

Single Point Anchors



We offer a variety of single-point fall protection anchors, from rigid to tip-over style to portable solutions. System types also include D-ring single point anchors, fixed truss anchor kits, and portable truss anchor kits.

Single point anchors are cost-effective and easy to use, appropriate for a wide variety of applications: window-washing, rooftop use, in-plant maintenance, and more. Our fall safety specialists can assess your specific application and provide a complete, turnkey, OSHA-compliant fall protection system to meet your needs.

Typically Rated for One User

Custom-engineered to meet your needs, or pre-engineered

Available in a variety of styles and finishes

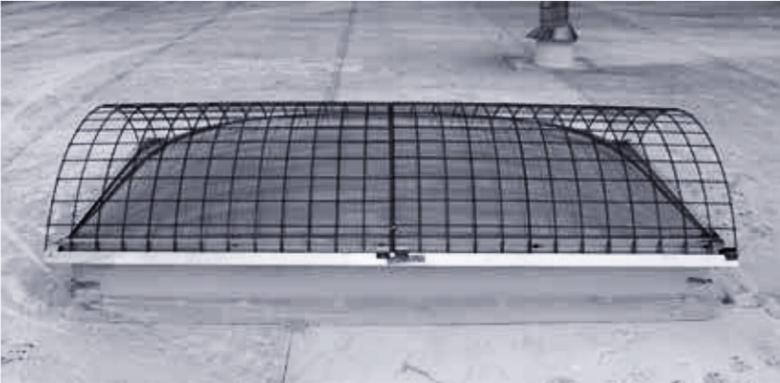
Non-engineered single point anchors must be rated at 5,000 for one user or 10,000lbs for two users. DFP's Engineered anchors are designed for 2 times the applied load in the event of a fall by a qualified person per OSHA reg 1910.66(c)(10). A single point anchor may be designed for single or dual tie-off as long as each user attaches to a designated D-Ring.



Related Products

Along with custom fall protection systems, DFP also provides off-the-shelf, temporary fall protection solutions, as well as other ancillary products.

These products include skylight safety screens, warning lines, warning flags, and a variety of configurable rooftop support systems for pipes and other equipment.



Along with custom fall protection systems, DFP also provides off the shelf temporary fall protection solutions and other ancillary products such as skylight screens, warning lines and rooftop support systems for pipework.



Window Washing Anchors

Ensuring safety and OSHA compliance for window washers begins with special window washing anchors, which are designed by our on-staff engineering team and fabricated in-house by certified welders. Our window washing anchors meet or exceed OSHA and ANSI regulations and can be purchased from stock or custom-designed for your specific needs.

Window washing anchors come in a variety of styles: adhesive roof anchors, wall anchors, beam-wrap anchors, below-paver anchors, bolt-through anchors, cast-in-place anchors, and more. Available for steel, concrete, and wood applications.

Multiple styles to suit your facility and project

Meets or exceeds OSHA safety regulations

Choose from standard anchors in stock, or custom-engineered to suit



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Capabilities and Services

- On-site Fall Hazard Assessment
- Virtual Fall Hazard Assessment
- Project Management
- Structural Engineering
- Calculations
- Sealed Drawings
- AutoCAD Designing and Drafting
- Custom Fabrication
- Installation
- Fall Protection Training
- System Inspection
- Re-certification and Repair
- Turnkey Fall Protection Services
- System-Specific Signage
- Equipment Sales
- Personal Protective Equipment



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