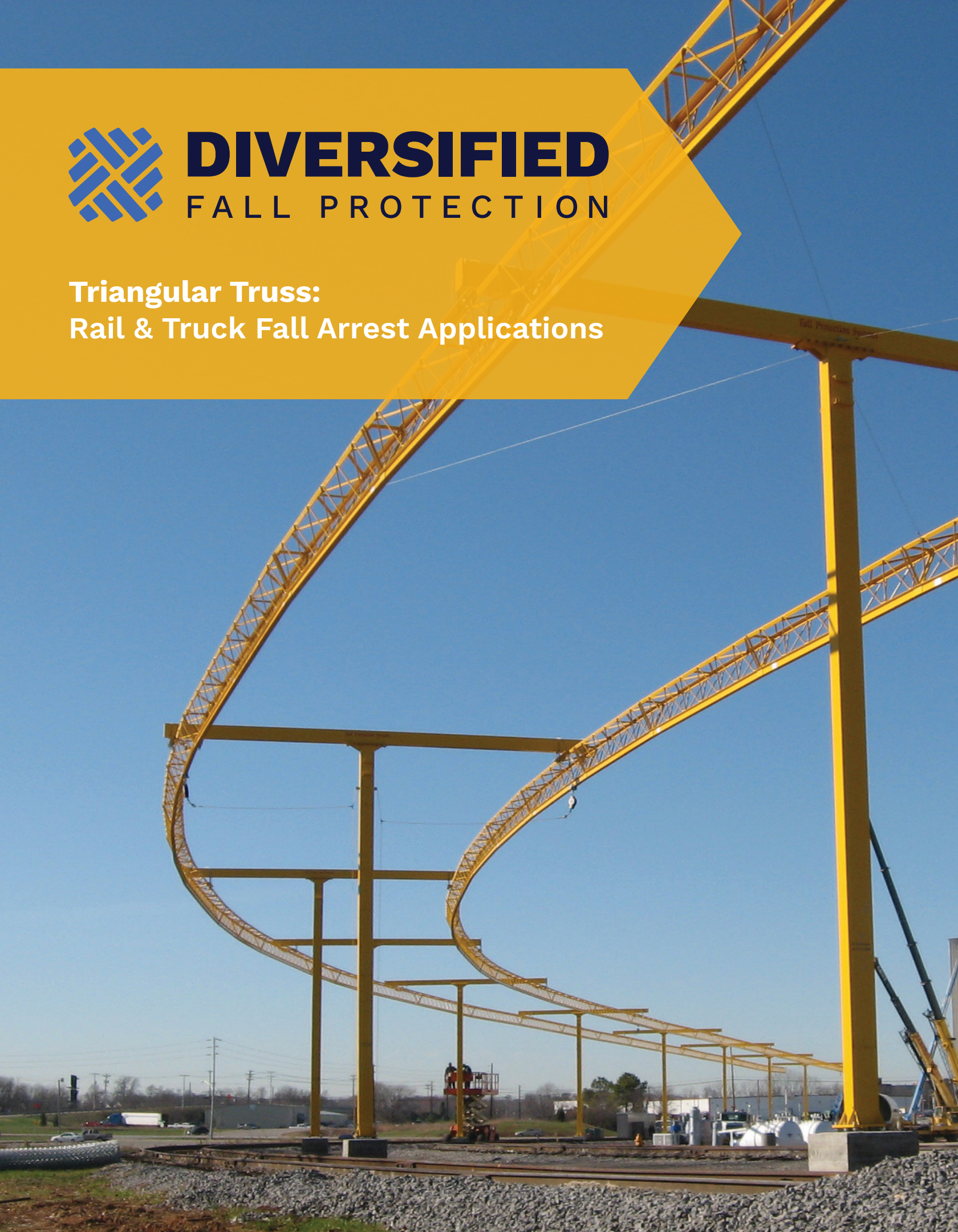




DIVERSIFIED
FALL PROTECTION

**Triangular Truss:
Rail & Truck Fall Arrest Applications**



Diversified Fall Protection

Diversified Fall Protection is dedicated to providing the safest working environment possible. We deliver the most user-friendly and reliable solutions for today's fall hazards.

TURNKEY SOLUTIONS

Diversified Fall Protection offers installation on all of our fall protection solutions. Our turnkey solutions follow a simple **5 step process**:

1. Free onsite analysis
2. Custom-quoted solution
3. Engineered drawings
4. System installation/erection
5. User training

ONSITE ANALYSIS

DFP's experienced Fall Protection Specialists are available for free onsite analysis. During their visit they will identify potential fall hazards and ensure compliance with OSHA standards.

ENGINEERING & DRAWING

Our engineers use the latest technology to create a full-scale 3D rendering of your site. This process allows for the highest degree of accuracy when designing custom fall protection systems. Operating this way also helps to identify any potential concerns and gives DFP the ability to address them before they become onsite problems. Each job is assigned to a specific designer that is available to answer any questions regarding your system.

WARRANTY

Diversified Fall Protection offers the best warranty in the industry - 5 Years!

TRAINING

Manuals, instructional videos, and training logs for certification and recertification as required by OSHA regulations accompany each fall protection system sold.



Self-Install Solutions & Kits

Diversified Fall Protection offers do-it-yourself installation fall protection kits. These kit options are available for customers that have the technical experience and tools to erect these systems on their own or through local 3rd party contractors to install. These kit options provide a more cost-effective fall protection solution for smaller and more common applications. Each kit arrives complete with detailed assembly instructions, installation videos, as well as DFP standard training that is provided with the full turnkey solutions. Standard kits are available in 3 different model types: L, T & P series.

L Series



T Series



P Series



Rigid Rail vs. Cable Systems

Secondary falls are a serious concern with cable systems. A safety cable behaves similar to a rubber band under load. A tensioned cable “bounces” a fall victim during arrest, an effect known as a “secondary fall.” Secondary falls are often more damaging to a fall victim than the initial fall arrest.

RIGID RAIL FALL SYSTEM

- Highest safety performance
- Most effective at arresting falls
- Total maximum fall distance is less than two feet
- No secondary falls or bounces caused by the system
- User friendly: the trolley beam provides a smooth surface for workers traversing railcars or equipment

CABLE FALL ARREST SYSTEMS

- Require several intermediate attachments for long distance spans
- Maximum fall distance can be several feet which increases likelihood of an impact during a fall
- Must be quarantined after a fall arrest and inspected for recertification by a Competent Person before system can be reinstated.

Tug & Lock Procedure

The ability for employees to work atop rail cars as they are in motion is of significant value, saving time and increasing worker efficiency. The Tug & Lock procedure not only allows the worker to lock and ride with the car as it is moving; it also allows the worker to lock and tread mill in place or lock and travel beyond the car speed.

Rigid Rail vs. Cable Systems

Diversified Fall Protection has the experience and the knowledge to provide permanent coverage over your facility's track. The loading of rail cars is a hazardous operation that exposes workers to risks if proper fall protection is not in place to protect against accidental falls. Installation of a fall protection system gives employees peace of mind to work with the confidence of complete protection. As workers are opening hatches and avoiding load spouts, our systems prevent unnecessary slip or fall injuries, saving time and money.

Often, rail workers are required to do their jobs on moving trains. This hazardous working condition is subject to slips and falls and it is necessary to protect these workers. Our trolley rail fall protection is the best solution for these types of applications. Workers are able to hold the lifeline of our system while walking, greatly improving balance and stability.

Professionally engineered systems can be configured to include curved sections of rail track. Due to the nature of our trolley rail system, the curvature of our track naturally follows the rail track below. This continuous coverage allows for an uninterrupted work path throughout the entire truss system. Our curved radius system can handle turns of up to 90 degrees. This versatility allows us to cover any length of track that needs protection.

We design our systems from the top down, there are no middlemen. If you need fall protection beyond what can be covered by one of our basic applications, we can customize it. More specifically, our engineering and installation teams have the ability to design our trolley rail to bend or curve around possible obstructions.



Twin System Tracks

When covering multiple tracks DFP utilizes our T-Columns to efficiently cover both tracks. These columns are perfect for covering two sets of tracks that run parallel and require fall protection coverage. Each arm of the T-Column can fully support our trolley rail systems just as effectively as a single L-Column. By utilizing the Twin System design we are able to cut production costs and pass savings down to our customers.



Custom Light Solutions

We recognize that work is not limited to daytime hours. We offer custom lighting package solutions for our fall protection systems that protect workers by providing enhanced visibility while working atop rail cars. These highly efficient 400w or 1000w HID lighting fixtures provide maximum lighting with a wide horizontal spread of light. Their durable, weatherproof construction features a hinged access door for easy bulb replacement.



Access Systems

Not all rail cars have built-in ladders to gain access to its top. Fall Protection Systems offers gangways, staircases, and platforms with our systems upon request. FPS standard gangways are made of lightweight aluminum with counterbalance springs for easy raising and lowering. The telescoping gangway allows access to cars of varying distance from the system. Our self-leveling staircase provides access to cars of various heights.



Railroad Information & Experience

Diversified Fall Protection has worked closely with several North American Railroad companies in the development of our fall protection systems.

These companies trust DFP to protect their employees from fall related injuries and as a result we have developed relationships that are unparalleled in the fall protection industry.

Plan. Provide. Train.

Train loading worksites account for a high percentage of fall related injuries. As a result, OSHA targets these areas for intensified enforcement of laws and regulations.

Rigid Rail vs. Cable Systems

When covering an area indoors, Diversified Fall Protection has various options for attaching beam style fall protection to existing structures. By doing this we are able to preserve floor space and eliminate additional costs associated with footing and support columns.

Rail applications often include a tower or shed structure that extends into an open outdoor area. Fall protection is often needed in both indoor and outdoor areas. our trolley beam style systems are designed to run a continuous, uninterrupted course from the outside tracks, to inside areas providing seamless fall protection for your workers.





Truck Fall Protection

Open hatches create opportunities for falls. Swing & swivel spouts can produce hazardous conditions when in use, these conditions are the most common cause for falls when loading and unloading trucks.

Large equipment inspections can be safely executed while using our trolley rail fall protection. Repair and maintenance facilities can be covered both indoors and outdoors with our rigid rail fall protection solutions.

- Truck Loading & Unloading
- Maintenance Repair Facilities
- Hopper, Tanker, Flat Bed, etc.
- Kit Products Available
- Access Systems Available
- Expandable Capacity
- Engineered Site Plans
- OSHA, MSHA & ANSI Compliant

Custom & Standard Platforms

Platforms offer a secure, quick, and convenient method to reach an elevated work position. Ladders are not always available on trucks or rail cars. When access to these vehicles is required, your employees will need a safe way to get to their destination. Our single and multi-station loading solutions provide any facility with an efficient working access area. We have installed many turnkey rail car, truck, barge, and production line solutions. Our platforms help prevent spills and our tracking gangways make improper spotting a non-issue. Additionally, these solutions are fully customizable by our in-house engineering team.



Hybrid Fall Protection

Diversified Fall Protection now offers hybrid fall protection. These hybrid systems include a platform of whatever length you require. Along the top of the platform, sliding gangways allow full access to your truck or rail cars at any position. The support columns for the platform double as footings for our overhead trolley rail fall protection. After installation of your platform, further fall protection can be added at any time with additional features.



Portable Options



PORTABLE SKID MOUNTED SYSTEM

The Portable Skid-Mounted Fall Protection System provides an inexpensive solution to fall protection needs for many locations or areas that require temporary fall protection. The Portable System equips the popular T3 Integrated Triangular Truss with a built-in S-beam on a transportable base. The Portable System may be moved in minutes to wherever it is needed to protect your workers while working at dangerous heights. Each model includes a 500lb man-rated trolley with permanently sealed wheel bearings.



TELESCOPING FALL PROTECTION SYSTEM

The Portable Telescoping Skid-Mounted Fall Protection System provides a cost-effective solution to fall protection needs for any area that requires temporary fall protection at various heights. The system provides safer fall arrest performance with minimal deflection, eliminating secondary fall-related injuries typical with safety cable systems and telescopes from 14' to 24' for diverse height requirements. The telescoping system can be carried by forklift to a new location in minutes. (Built-in forklift tubes included.)



PTA - PORTABLE TRUCK ACCESS SYSTEM

Portable truck/vehicle access platforms are the perfect solution for mobile loading fall protection needs. These access platforms are applicable for liquid tank trucks, liquid rail cars, hopper trucks, hopper cars, and isotainers. They are light enough for one person operation while still having the strength for a 500 lb. load capacity. This system is easy to maneuver with perpendicular or parallel approach to vehicles. All standard units are free standing and have stabilizing jacks for additional safety.

Why Choose Diversified Fall Protection?

Trust the number one fall protection provider in the nation with over twenty years of experience. We offer the most reliable, user-friendly systems with the best warranty in the industry.



OSHA COMPLIANCE

As mandated by OSHA, it is the employer's responsibility to assess each workplace and determine if fall protection or other safety precautions are needed. Upon that determination, it is their obligation to provide workers with the necessary fall protection to keep them safe. Fall protection is needed at heights of 4 ft above a lower level. It can be required at lower levels for employees working near dangerous equipment or materials.

RETURN ON SAFETY - ROS

Return on safety is a performance metric that is directly linked to organizational success. Return on safety applies to every business but is especially important in manufacturing and production industries such as oil & gas, transportation, chemical, farming and recycling. Any instance that calls for human interaction with hazardous materials, heavy machinery and fall hazards should rely on strict ROS analysis. It is a proven theory that focusing solely on ROI can negatively affect both employee safety and organizational success.

INSURANCE

Safety and health management programs can improve a company's bottom line. Although some benefits of these programs may be difficult to quantify, there are aspects that can be easily measured. By implementing a fall protection solution, organizations have outright savings on workers compensation claims, civil liability damages, and litigation expenses. Fall Protection Systems protect workers from falls and minimize secondary injuries that occur during falls.



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