

EQUIPMENT CATALOG

Green Access & Fall Protection



GREEN Access & Fall Protection Equipment

by Benko Products, Inc.

5350 Evergreen Pkwy., Sheffield Village, OH 44054

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www.green-mfg.com

Company Introduction



For more than 40 years, GREEN Access & Fall Protection has been designing and building the industry's leading solutions for providing safe access in both tank truck and railcar applications. After four decades in the business, tens of thousands of units are currently used in service, including innovative products such as the GREENLINE Self-Leveling Safety Stairs, pioneered by GREEN.

Over the years, GREENLINE has expanded to include: a complete selection of large tank truck and railcar loading systems and platforms, pedestal platforms, gangways and safety bridges, stationary platforms, portable platforms, horizontal lifeline systems, caged ladders, and what is often considered the best platform in the industry -the G-RAFF Elevating Tank Truck Platform.

All of our products include a wide variety of options as well as customized solutions for any possible application. Proudly made in the U.S.A., the entire GREEN Access & Fall Protection line is manufactured by Benko Products, Inc. located in Sheffield Village, Ohio. With over 150 combined years of experience and state-of-the-art technology, we have the capabilities to design to your specific application and site requirements. Our engineering staff includes an electrical engineer, chemical engineer and structural engineer as well as additional resources. Professional affiliations: ASCP, ASIC, ASCE, NSPE.

Our long history of proven installations in every type of access and fall protection application means that Benko Products, Inc. is THE manufacturer to trust for the most reliable, highest quality, longest lasting, affordable solutions on the market today!

**For quotes, information, or questions about any of our products,
please call (440) 934-2180, email: sales@green-mfg.com,
or visit us online at www.green-mfg.com.**

Expedited Delivery Available!
One Week Shipping on Safety Stairs
and Safety Bridges/Gangways

Contact us for details!



Members of:



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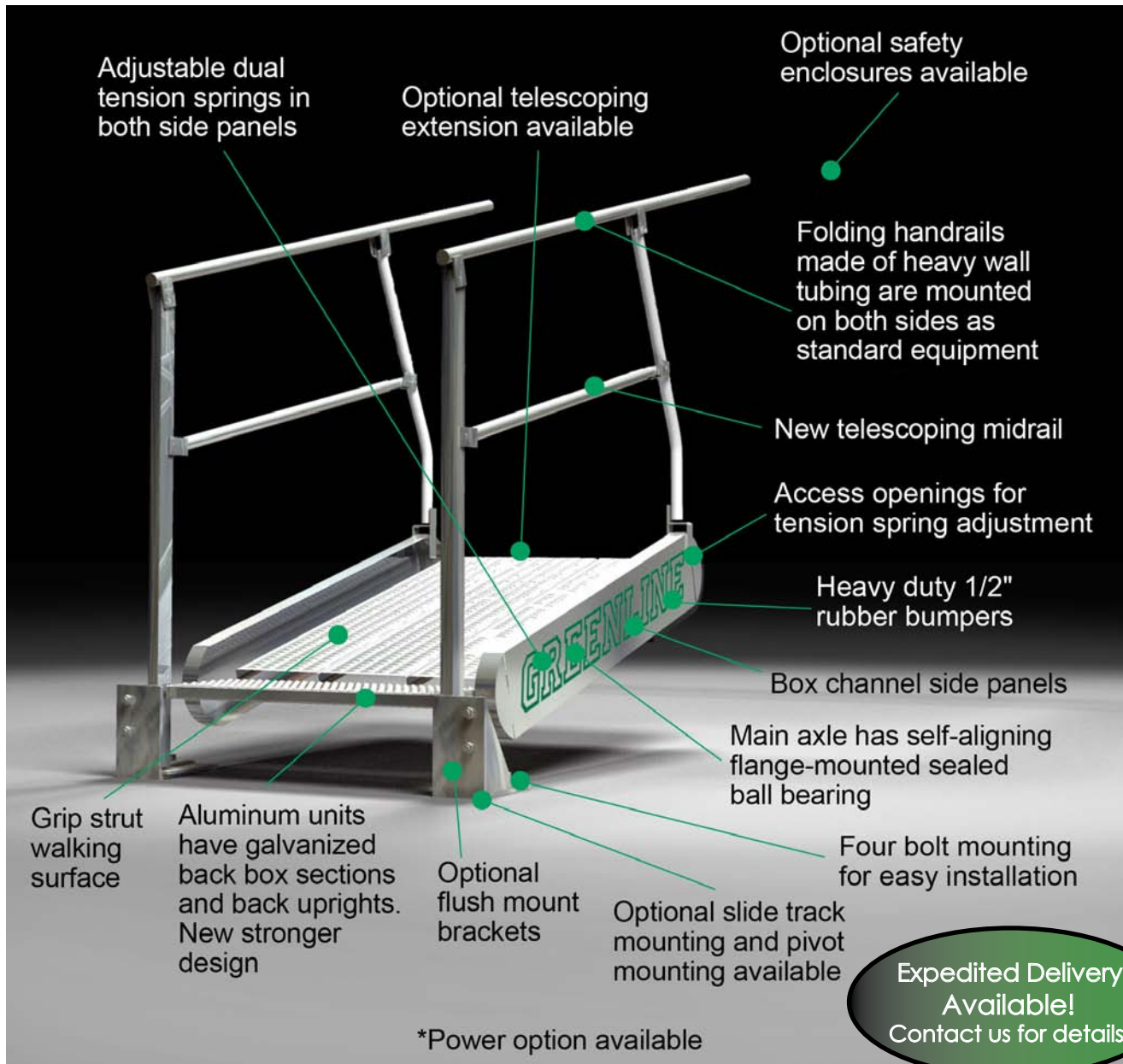
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Safety Bridges / Gangways



Most Cost Effective • Durable Design • Minimizes Welding and Moving Parts

GREENLINE Safety Bridges / Gangways are specifically designed for applications where the working range is within 15° above or below the platform height. Providing safe access from the loading rack or dock, our Safety Bridges are equipped with non-skid, grip strut walking surfaces. If the adjustable reach option is required, an optional, extendable portion of the gangway can be utilized and locked into place manually with an easily accessed positioning handle.



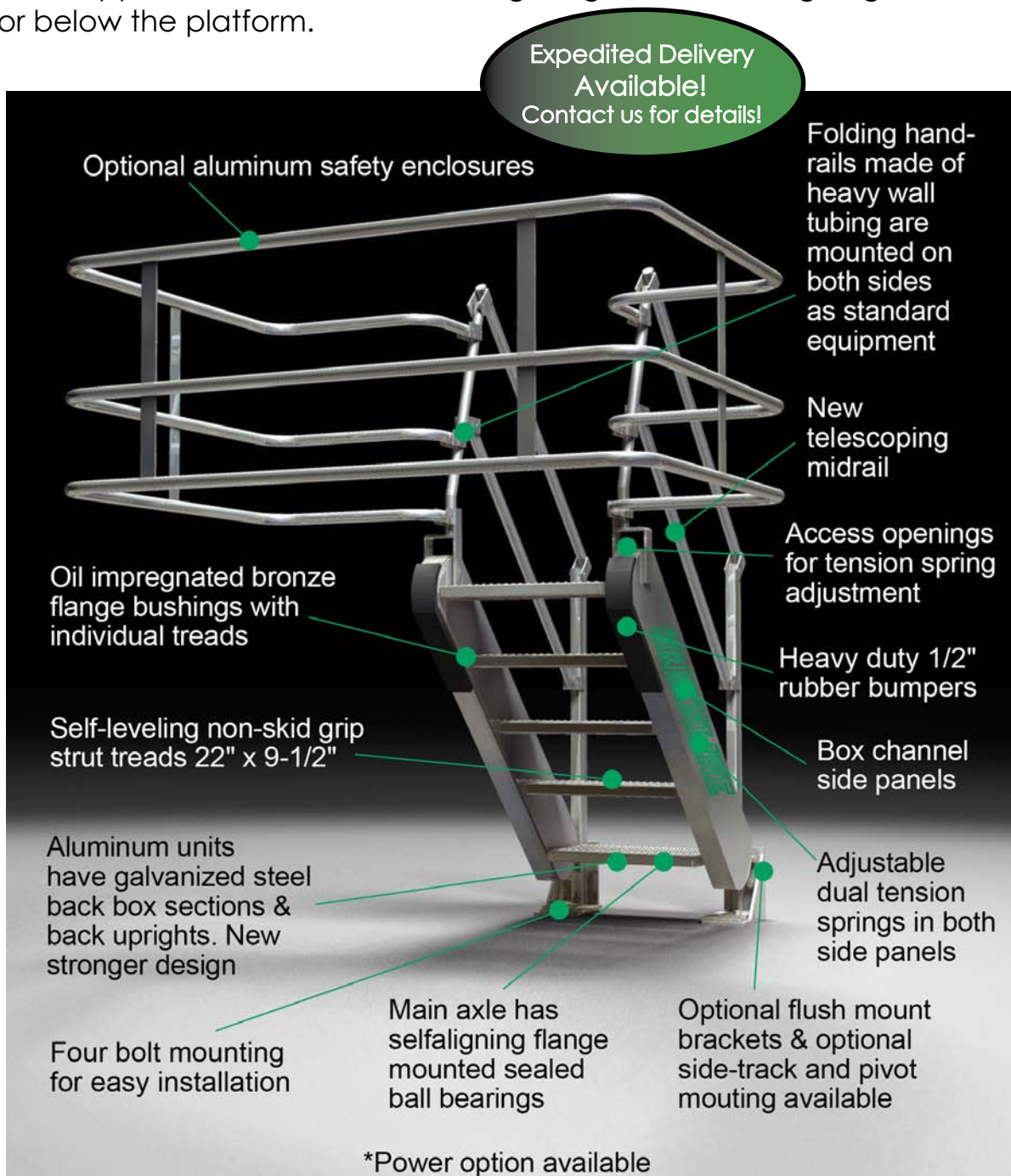
All GREENLINE Safety Bridges / Gangways can be manufactured from carbon steel, aluminum, and fiberglass (or any combination). As your application requires, our Safety Bridges / Gangways can be custom designed to meet any of your operational needs.



Self-Leveling Safety Stairs

Most Cost Effective • Durable Design • Power Option Available

GREENLINE Self-Leveling Safety Stairs are specifically designed for various industries and applications that require accessing the top of a vehicle. Our Self-Leveling design is perfect for applications where the working range exceeds angles greater than 15° above or below the platform.



All GREENLINE Self-Leveling Safety Stairs can be manufactured from carbon steel, aluminum, and fiberglass (or any combination). As your application requires, our Self-Leveling Safety Stairs can be custom designed to meet any of your operational needs.

GREEN Elite Series Self-Leveling Safety Stairs deliver enhanced rigidity and durable tread for safe access from a loading rack or dock to an elevated work surface. The Elite Series also offers larger handrails, galvanized steel back box sections, and back uprights on aluminum models.



- Stronger engineered connection points.
- Increased stability for attached fall protection enclosures.
- Various custom designs and enclosures available.
- Non-skid, self-leveling, grip-strut tread extended for improved footing.
- Ideal access to isotainers.
- New telescopic mid-rail for simpler installation.
- Meets O.S.H.A. requirements.



TELESCOPIC SAFETY BRIDGES / GANGWAYS: Ideal for railcars, an extendable portion of the Safety Bridge can easily be manually extended and locked into place with the positioning handle.

ENCLOSURES: All of our Safety Bridges / Gangways and Safety Stairs can be equipped with a large variety of safety enclosures, including 2,3, or 4-rail, "clamshell" design, or custom designed to meet your application. Contact us for more information.



Telescopic Safety Bridge w/ 2-rail Safety Enclosure



Custom Wide Safety Bridge w/ 4-rail Enclosure



Portable Platforms / Custom Fabrication

The **GREEN Portable Platform (PAL100)**, is designed to provide safe access and fall protection on the tops of tank and bulk trucks. The unit provides portable access with a safety enclosure designed for applications that do not allow the ability to use permanent truck loading platforms or when space is limited.



- Adjustable height from 9' to 13'.
- Work platform 2' x 4' long with grip strut material.
- **Custom portable transloading system available.**
- Rubber bumpers to prevent damage and direct contact with the vehicle.
- Ergonomically designed manual cable operation.
- Standard tires are two 8" swivel casters with brakes, two w/ fixed direction. **Optional 10" foam filled tires available.**
- Outriggers are adjustable and designed to be used at all heights.
- Coatings include gray enamel, safety yellow or hot dipped galvanized finishes.
- Optional tow bar available.

ENGINEERING SERVICES / CUSTOM STRUCTURAL FABRICATION:

Not finding what you need? GREEN designs and custom-builds bulk loading systems that meet even the most challenging requirements.

Our engineering team has over 150 years experience collectively and utilizes state-of-the-art CAD software. Projects may range from pipe bridges and platforms to complete structural systems.

Contact us for more information on a custom solution for your application!

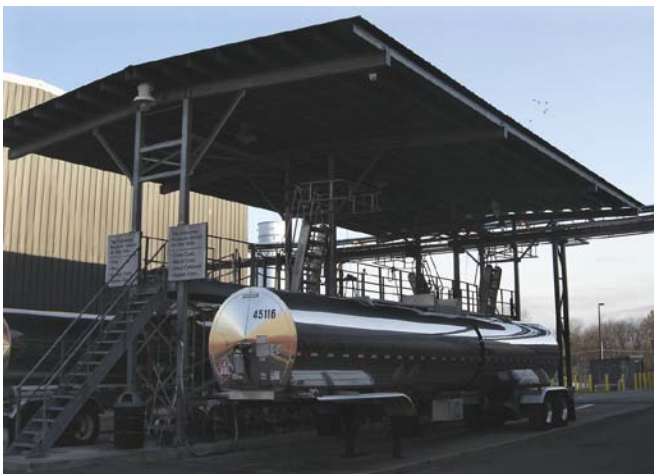


Loading Racks / Platforms



GREEN Loading Racks / Platforms (with or without Canopies) have earned an industry reputation for heavy-duty modular construction and are designed with ease of installation in mind. All platforms are engineered for operator safety, for compliance with governing O.S.H.A. standards as we interpret them and for your specific application. Finishes available include: red oxide primer, hot dipped galvanizing, and various optional coatings.

All GREEN Loading Racks / Platforms may be equipped with several access options, including: self-leveling safety stairs, safety bridges / gangways, full-enclosure safety systems and G-RAFF series elevating platforms. **Contact us for details and to schedule a site visit for your facility!**



SLIDE TRACK MOUNTED ACCESS EQUIPMENT is available on all GREEN Loading Racks / Platforms, allowing safe access when an adjustable loading position is required. Slide tracks can range from 6' to 900' long, and can be customized to meet your needs.



Insta-Rack Platform Access System

The **GREEN Insta-Rack Platform** provides safe access and fall protection to the tops of single-dome tank/bulk trucks, tank cars and hopper cars. All Insta-Racks come equipped with a single pedestal platform, access stairway and access equipment. Four-column support design available with integrated loading arm support.

Noted for their easy installation and quick delivery, the GREEN Insta-Rack can also be equipped with either fixed, pivot, slide-track mounting or double-sided access. Fully customizable.



Insta-Rack w/ Slide-Track Mounted Safety Bridge w/ 2-rail enclosure



8' Wide Insta-Rack w/ Slide-Track Mounted Safety Bridge



Insta-Rack w/ Pivot Mounted Safety Bridge



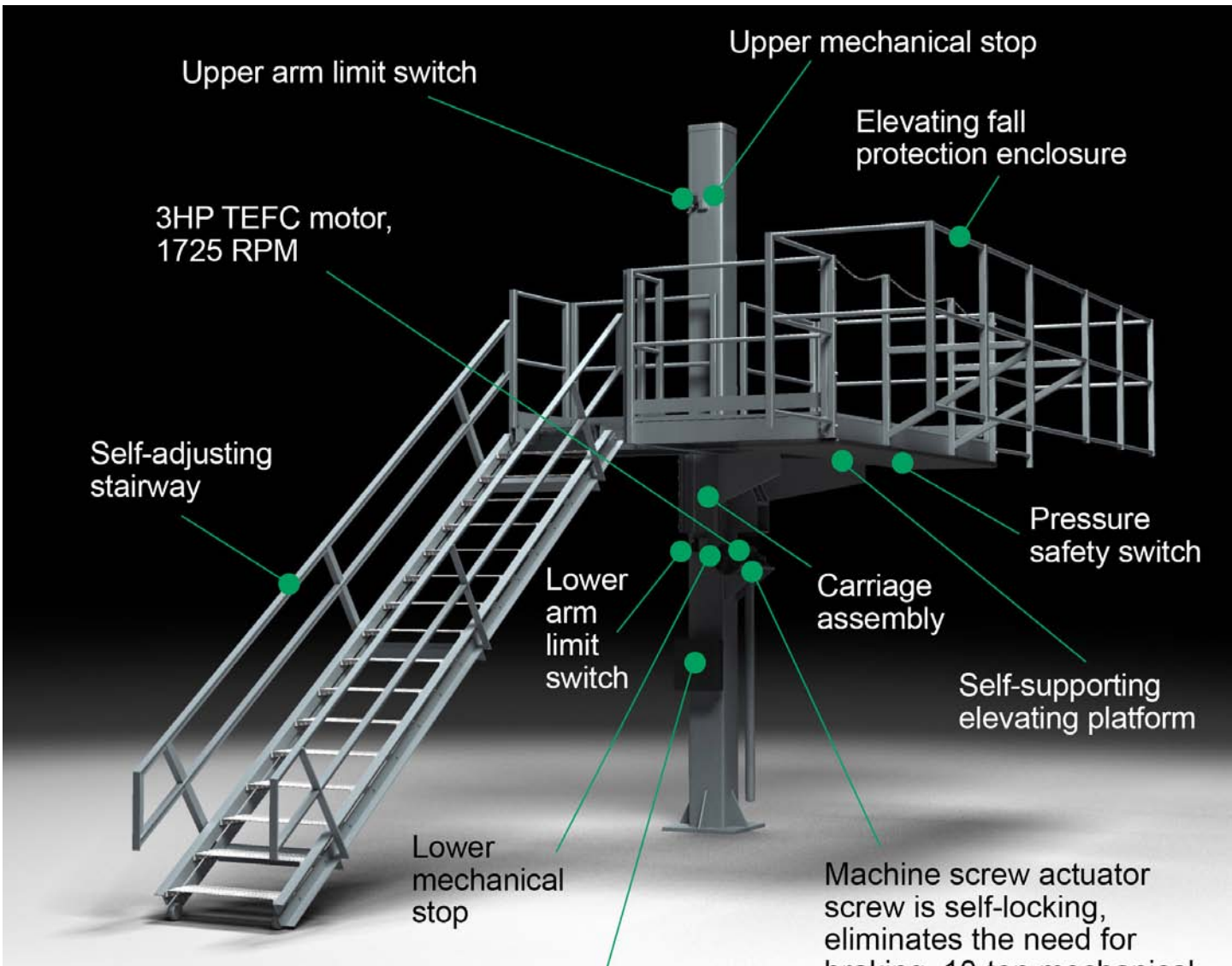
Removable Insta-Rack w/ Safety Bridge: No Foundation

NEW REMOVABLE INSTA-RACK: GREEN's Removable Insta-Rack was created for specific site situations that won't allow for a permanent pedestal installation. With no foundation required, the Removable Insta-Rack is a popular solution with both flexible and easy installation.

G-RAFF Elevating Platforms



G-RAFF ELEVATING PLATFORMS are the ultimate, patented elevating platform specifically designed for tank/bulk trucks and rail cars. Since 1983, G-RAFF Elevating Platforms have been providing superior fall protection for all of the top ports on a typical tank/bulk truck or rail car. Ideal for loading and unloading, the unit is easy to install and operator friendly. Easily customized for many applications and sites. Contact us for details and to schedule a site visit to your facility!



Electrical enclosure push-button controls
Simple, convenient controls. Controls consist of 3 buttons—up, down and “Stop” button is a panic button. Controls are located at ground level.

Machine screw actuator screw is self-locking, eliminates the need for braking. 10-ton mechanical actuator with safety boot & stop nut and 4' of travel standard

Please visit our website for more information on various G-RAFF Elevating Platform models and applications.



Safety Systems / Horizontal Lifeline Systems

GREEN Safety Systems are designed to provide safe access and fall protection to tank/bulk trucks, tank cars and hopper cars. Safety Systems feature a variety of sizes from 5' to 40' and can easily be customized. Counter balanced safety enclosure surrounds the operator for quality fall protection. Meets O.S.H.A. requirements. Optional power package available.

Contact us to schedule a site visit!



GREEN HORIZONTAL LIFELINE SYSTEMS are permanently installed, multi-span horizontal lifelines designed to provide safe access and continuous fall protection to any operator requiring horizontal mobility. They feature rugged cable supports, Insta-Rack pedestal platform and are designed for one or multiple hopper cars, tank cars or flatbed trucks. Also offered are a range of man-rated trolleys which can be run along overhead I-beams to provide continuous fall protection.



GREEN offers a variety of accessories and related products to help cover situations typical to the industry, including: pipe and dike bridges, caged ladders, pipe supports, spill containment, skid systems, loading arms, self-closing swing gates, mezzanine safety gates and more!



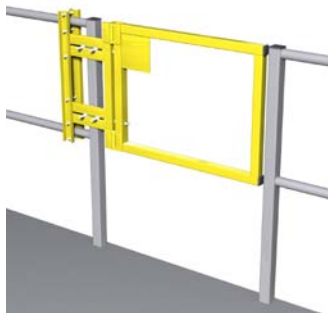
Pipe and Dike Bridges



*Century HDPE Enviropans:
Spill Containment*



Various / Custom Skid Systems



Self-Closing Swing Gates



*Protect-O-Gate
Mezzanine Safety Gates*



Loading Arms

BENKO PRODUCTS, INC. designs and manufactures various material handling and safety products including: the patented Sahara Hot Box drum warming oven, batch ovens, a full line of Protect-O-Gate mezzanine safety gates, hazardous storage buildings, the Erg-O-Cart ergonomic hand truck and more.

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