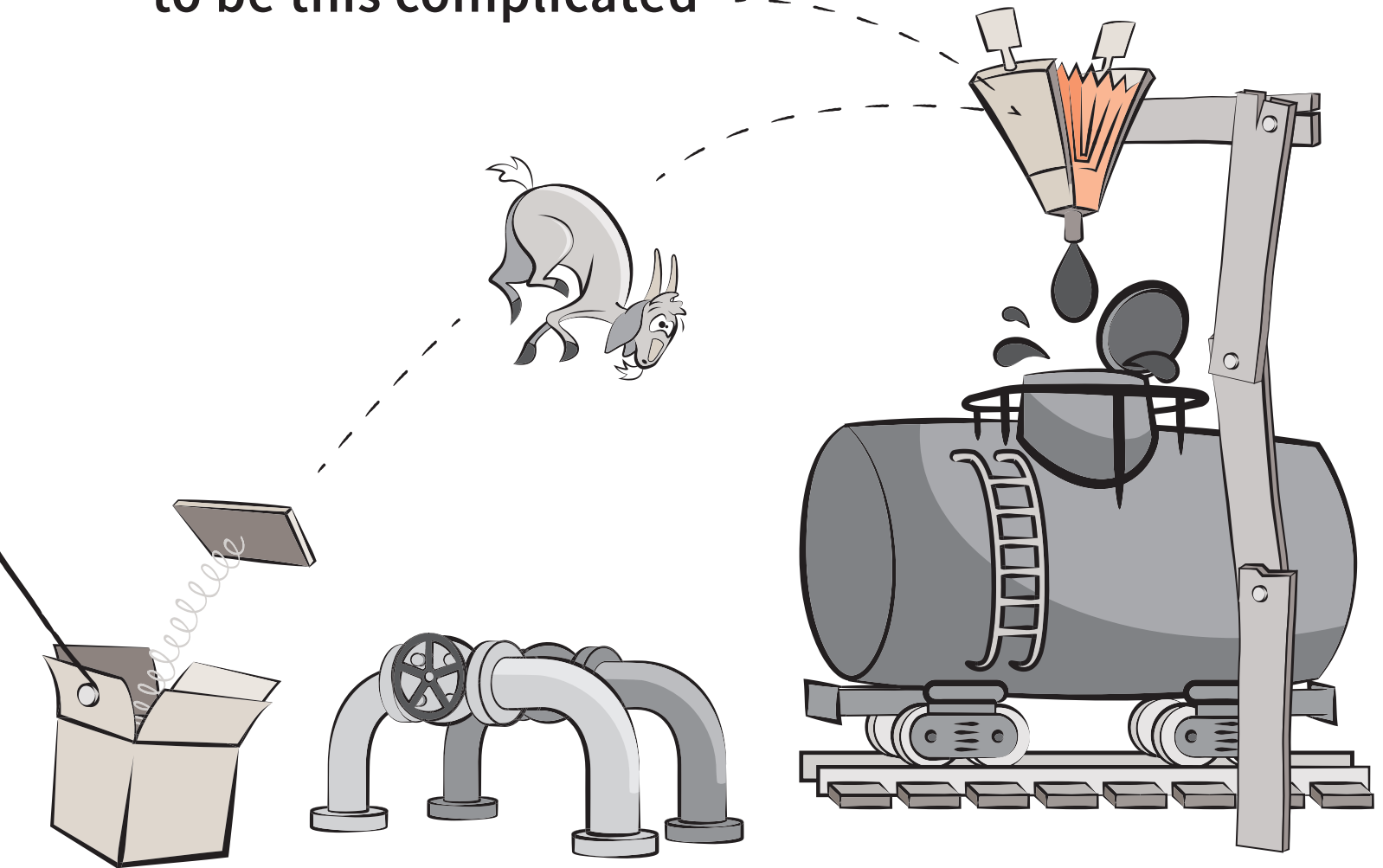


Loading doesn't have to be this complicated



v1





Every product in  
this catalog is built with  
the strongest  
material we know of:

## OUR WORD

Because what we really build is trust.

We build trust by putting the people who use our products first. We continually invest in and create technology that allows us to better meet the needs of our customers, and we never stop looking for ways to improve our products and services. We are not looking for a medal; we just want a partnership, and we want it for the long haul.

219 Safety Avenue

Andrews

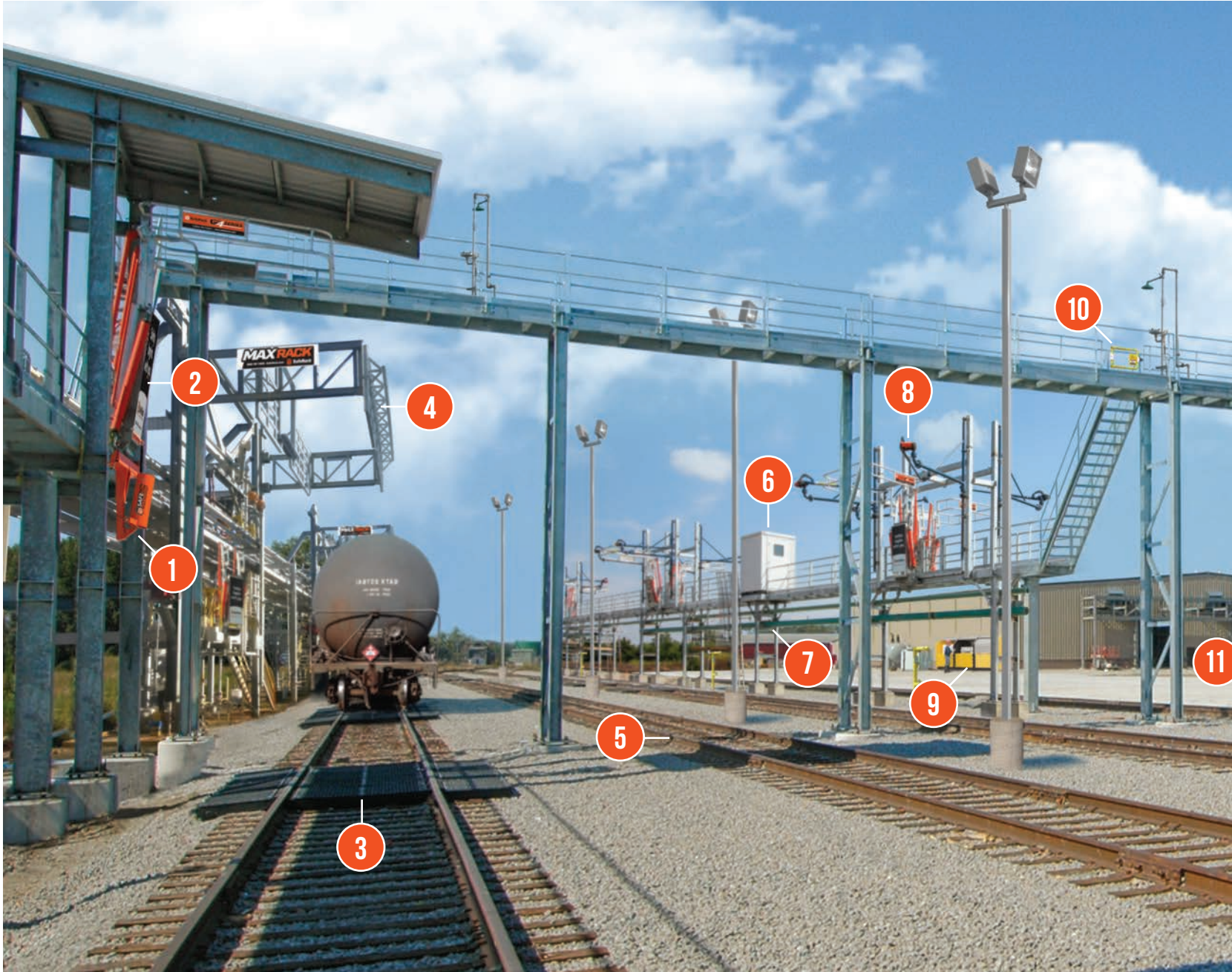
South Carolina 29510

866.761.7225 phone

803.744.7223 fax

[SAFERACK.COM](http://SAFERACK.COM)





**1** SAFELOK  
GANGWAY LOCKING DEVICE

**2** G4 GANGWAY  
PRECISION BUILT

**3** RAILCAR TRACK PAN  
AND SPILL CONTAINMENT

**4** MAXRACK  
ELEVATING SAFETY CAGE

**5** RAILROAD CONSTRUCTION  
FULL DESIGN/INSTALLATION SERVICES

**6** OPERATOR SHELTERS  
AND GUARD HUTS

**7** ERECTARACK  
PRE-ENGINEERED PIPE RACKS

**8** LOADING ARMS  
TOP/BOTTOM LOADING APPLICATIONS

**9** SPILL CONTAINMENT  
IBC AND PORTABLE BERM

**10** YELLOWGATE  
SAFETY SWING GATES



**LEADING  
INTEGRATOR FOR  
EVERYTHING IN  
YOUR LOADING  
FACILITY**



**11** TRANSLOADER  
MOBILE PLATFORM



**12** METAL HANDRAILS  
AND CUSTOM PLATFORM



**13** FACILITY LIGHTING  
FOR PLATFORMS & GANGWAYS



**14** ERECTASTEP  
MODULAR ACCESS SYSTEM



**15** ROLLASTEP  
MOBILE WORK PLATFORM



**16** WEATHER PROTECTION  
LOADING SHEDS & CANOPIES



**17** GROUNDING SYSTEM  
FOR TRUCK AND RAILCAR



**18** M3 MAUI  
PORTABLE PLATFORM



**19** BLENDING, METERING  
AND LOADING SKID



**20** BOLLARDS AND BUMPERS  
HIGH-VISIBILITY SAFETY BOLLARDS



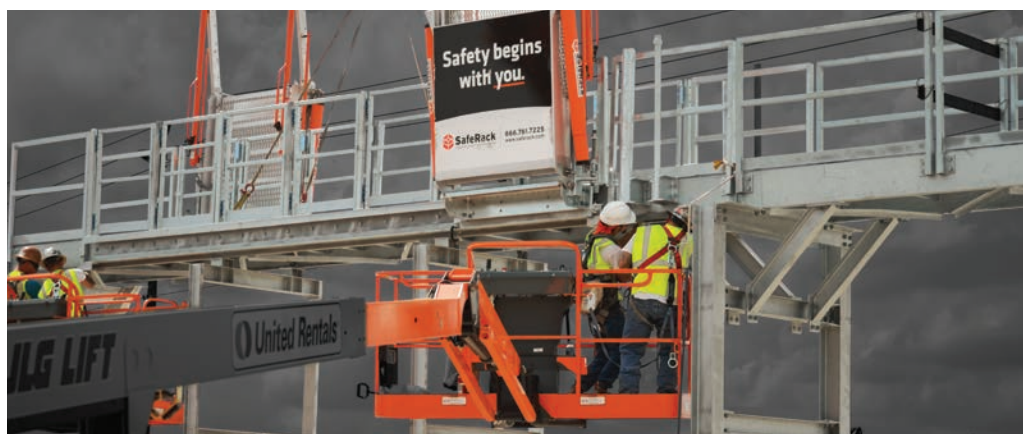




HAVE SAFERACK CONSTRUCTION SERVICES  
 INSTALL ALL OF OUR  
 PRODUCTS TO MAKE YOUR  
 PROJECT EASIER



**FULL SERVICE  
 DESIGN / CONSTRUCT**



Bulk loading  
 facility  
 design and  
 construction  
 experts

SafeRack's capabilities range from full design and construct of the entire project from start to finish to simple material receiving or installation management.

**Our Design / Construct Services Include:**

- Contract Review**  
 Drawings and associated documents relating to the contract prior to site arrival
- Assessment**  
 Undertaking a site risk assessment
- Material Receiving**  
 Off-loading and transport at site to ensure product is without shipping damage or abnormalities
- Installation Management**  
 Supervised installations and coordination
- Startup & Commissioning**  
 On-site training for both users and maintenance personnel



## LPG FRACTIONATING LOADING FACILITY



**Client:** Fractionator  
**Location:** Wyoming  
**Project:** 8 Spot Railcar  
**Services:** Full Service - Design/Construct  
**Product:** LPG, Butane, #1 Gasoline, Iso-Butane  
**Status:** Completed August 2013  
**Safety:** Exemplary - Zero Recordables

### Project Overview Wyoming Fractionator

SafeRack Construction Services (SCS) supplied and installed 4200' of ladder track on customer owned rail spur adjacent to Union Pacific right-of-way. An additional 8 spot rail loading platform accompanied the rail install at the fractionating facility in Wyoming. The facility receives feedstock via pipelines from nearby wells and refined products are loaded into railcars using SafeRack, LLC advanced platform and loading systems designed and manufactured by SafeRack, LLC. The refinery is now capable of processing up to 50,000 barrels of raw materials per day into #1 Gasoline, Diesel, Butane and Iso-Butane that supply many of the surrounding states.

### Project Details

- 4200 linear ft of new rail construction on customer owned spur
- Perform all grubbing of organic soils, excavating down 6'
- Install compactible materials for sub-grade
- Install road base prior to rail installation
- Install foundations, structural steel, and mechanical components
- Design/Construct four process lines including subterranean trunks (duct bank)
- Install LPG, Butane, #1 gasoline, and diesel loading arms
- Install vapor recovery hoses and API couplings
- Install electrical system including duct banks
- Install instrumentation
- Install owner supplied compressor and vessel
- Install owner supplied Knockout tank, Yokogawa flare, and propane fuel line
- Install track mobile building and instrument air supply building
- Install track pans, drainage system, and geo-membrane lined spill containment pond
- Commissioning and start up assistance

## USD TERMINALS CRUDE LOADOUT FACILITY



**Client:** USD Terminals  
**Location:** Hardisty, Alberta, Canada  
**Project:** 62 Spot Railcar  
**Services:** Full Service - Design/Construct  
**Product:** Crude Oil  
**Status:** Completed May 2014  
**Safety:** Exemplary - Zero Recordables

### Project Overview

As one of the primary railcar loading points, Hardisty is one of the major crude oil hubs in North America and a major origination point of pipelines that export to the United States. SafeRack Construction Services (SCS) was asked to supply and construct a SafeRack crude oil loadout terminal spanning nearly half a mile. The USD Hardisty terminal can load up to two 120-railcar unit trains per day and consists of a fixed loading rack with 62 railcar loading positions enclosed, separate control, operator and mechanical buildings, as well as a unit train staging area and loop tracks capable of holding multiple unit trains simultaneously. SCS also supplied and installed boom-supported loading arms with supply and vapor management systems.

### Project Details

- Erect 1998' SafeRack tower and platform system
- Construct 1998' steel building on caisson foundation
- Install control building
- Construct utility/mechanical building
- Construct operator/mechanical building
- Install crossover access from MCC to loadout
- Install 2 operator shelters
- Install 31 OPW boom supported loading arms
- Install supply and vapor recovery hoses



## BLACK WAX CRUDE OIL LOADING FACILITY



**Client:** Refinery  
**Location:** Salt Lake City, Utah  
**Project:** 12 Spot Railcar  
**Services:** Full Service - Design/Build  
**Product:** Crude Oil  
**Status:** Completed January 2015  
**Safety:** Exemplary - Zero Recordables

### Project Overview

When it came time to upgrade and modernize this 1940's rail loading facility, SafeRack Construction Services (SCS) was the only installer trusted to meet deadlines and exceed expectations. SCS provided a variety of SafeRack products and services for this project including cost analysis of replacing existing versus retrofit. SCS also performed all new equipment design/engineering, as well as demolition plan for removal of existing original loading platform system. SafeRack manufactured all the platform system and safe access equipment in their state-of-the-art facility located in South Carolina. All shipping logistics and on-site receiving/staging was accomplished using SCS on-site project management. Installation of the new rail loading platform, pipe bridge, process piping, I&E, and ergonomic/environmentally friendly loading arms. With the ability to move feedstock by rail, the customer has experienced an increase in refined product output at many out-of-state facilities previously unable to gather enough raw materials.

### Project Details

- Demolish and remove existing platform system
- Install epoxy anchor system in existing foundations
- Install platform, process supports, I&E supports
- Install tower support and 420 linear foot of pipe bridge
- Install loading arms, vent hoses, and API couplings
- Install owner-supplied eyewash/safety showers
- Install utility stations
- Procure, fabricate, install process piping with metering/ valves/instrumentation
- Install access platform system to satellite MCC
- Commissioning and startup support

## LOUISIANA AMMONIA LOADING FACILITY



**Client:** Ammonia Supplier  
**Location:** Louisiana  
**Project:** 4 Spot Railcar  
**Services:** Full Service - Design/Construct  
**Product:** Ammonia  
**Status:** Completed June 2015  
**Safety:** Exemplary - Zero Recordables

### Project Overview

SafeRack was tapped to supply and install all anhydrous ammonia loading platform and safety equipment as part of their \$175 million investment in upgrades and infrastructure to increase production capacity to 800,000 metric tons at an 800 acre, Louisiana anhydrous ammonia manufacturing complex located on the Mississippi River, Jefferson Parish, just outside New Orleans, LA. SafeRack assisted with design, manufacturing and specifications for all loading towers, platforms, pipe bridges and canopy systems. As well as designing and procuring anhydrous ammonia metering skids and installing the anhydrous ammonia proving tower.

### Project Details

- Site preparation & grading
- Install foundations
- Structural steel installation
- Design and construct pipe bridge
- Canopy system installation
- Design and construct mechanical supply
- Design and construct return system
- Design and construct metering skids
- Install ammonia prover





SAFETY NEVER TAKES A BREAK



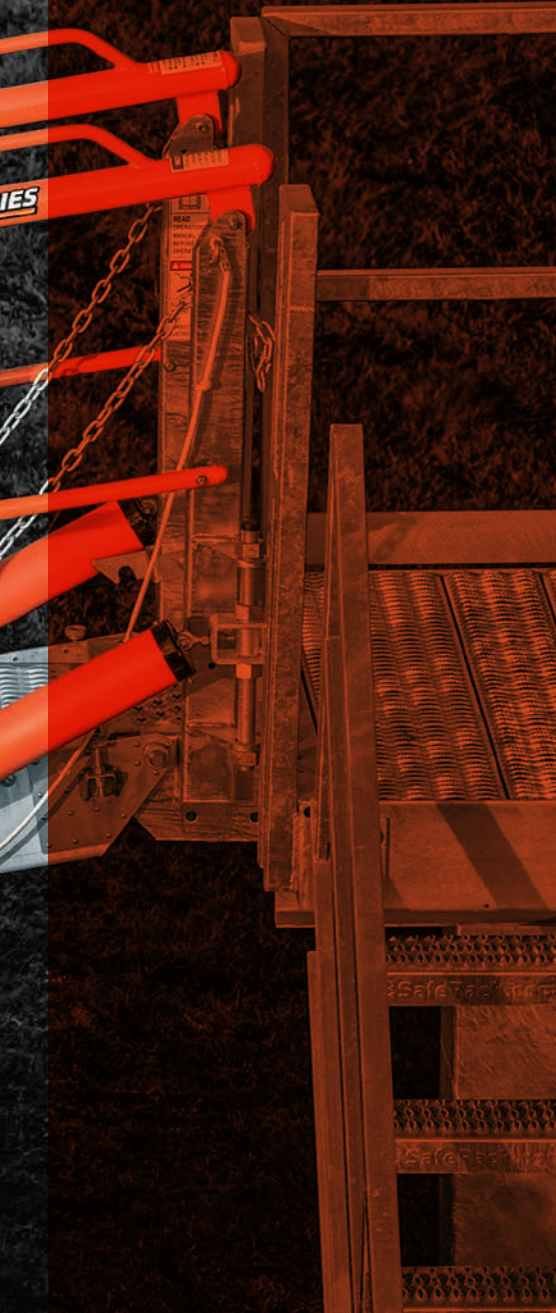
## SAFERACK CEMENT AND SAND LOADING SYSTEMS

For safe, efficient loading of trucks and railcars



**G4 SERIES**

**MADE**  
— in the —  
**USA**  
★



**3X5 SAFETY CAGE PLATFORM SYSTEM**



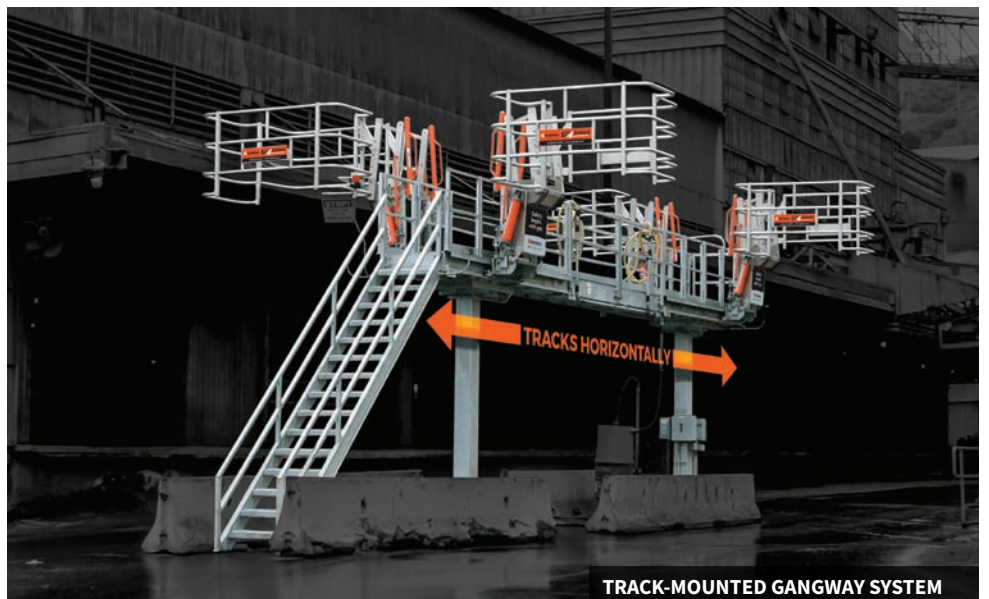
**TRACKING GANGWAY, ANTWERP, BELGIUM**



**GANGWAY LOCKING SYSTEM**



**OFFSET SAFETY CAGE**



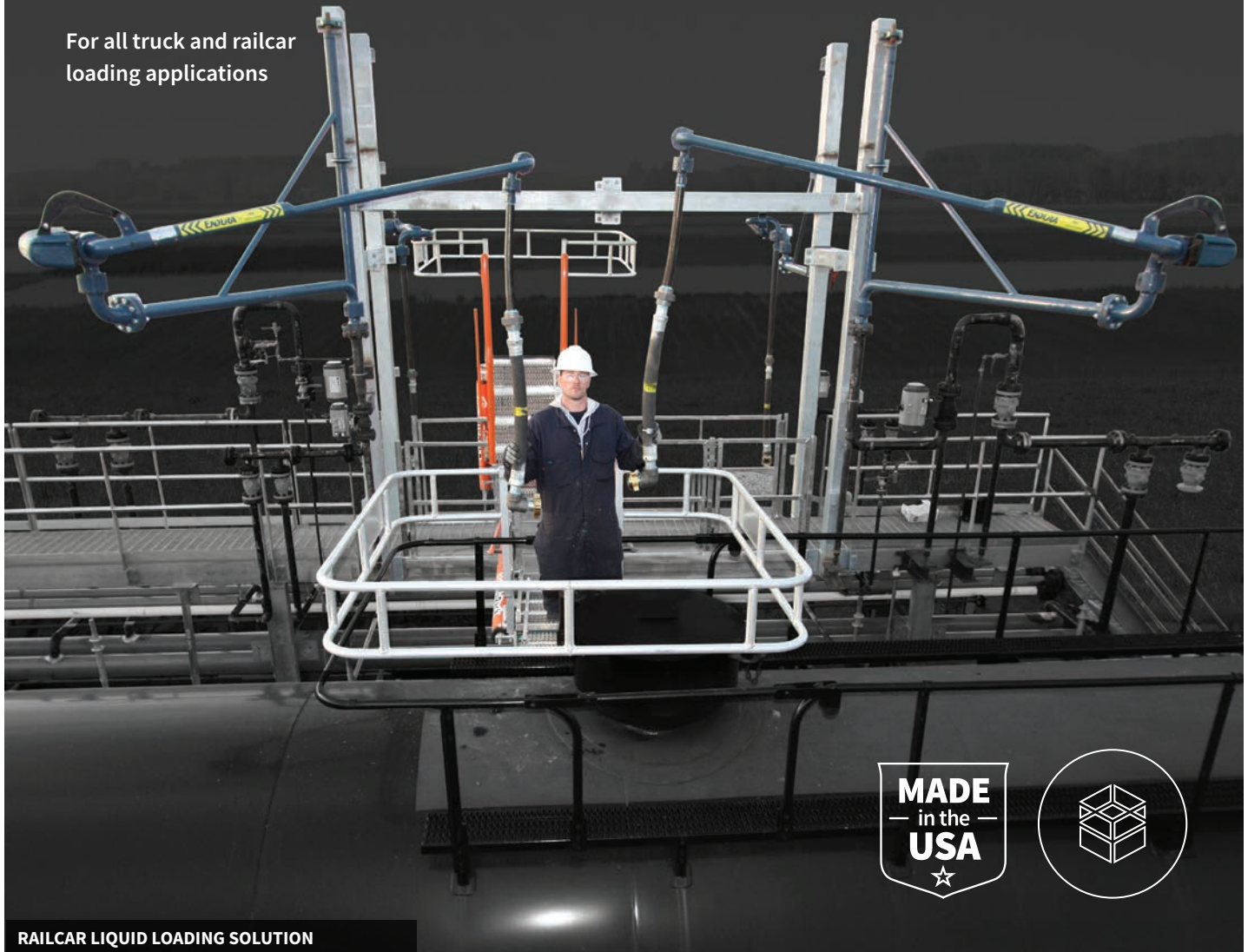
**TRACK-MOUNTED GANGWAY SYSTEM**





# SAFERACK LIQUID LOADING SYSTEMS

For all truck and railcar loading applications

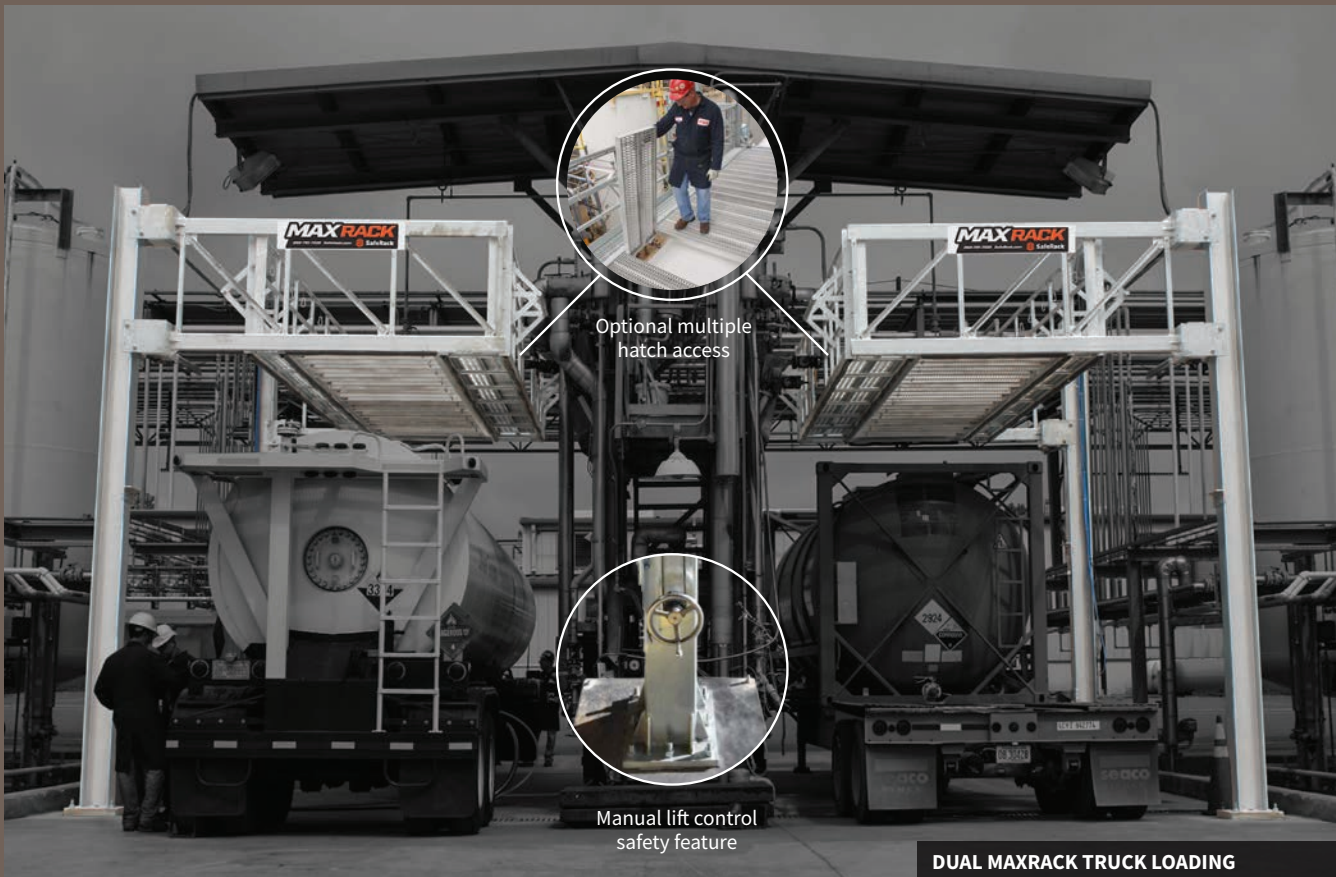


RAILCAR LIQUID LOADING SOLUTION



BLENDED, METERING AND LOADING SKIDS





**DUAL MAXRACK TRUCK LOADING**

**AVAILABLE IN TWO POWER OPTIONS**

Pneumatic Air Drive

Electric Drive, Single and 3-Phase  
(Explosion and Non-Explosion Proof)

**MULTIPLE  
POWER  
OPTIONS**

**ELIMINATES  
LEAKY  
HYDRAULICS**

**PATENT PENDING  
DESIGN**

**MULTIPLE  
SAFETY CAGE  
OPTIONS**

**AVAILABLE  
FOR BOTH  
TRUCK AND  
RAILCAR**



**MAXRACK**

**MAXRACK RAILCAR LOADING SOLUTION**



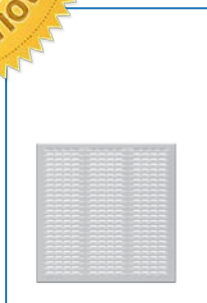


**ERECTASTEP®**

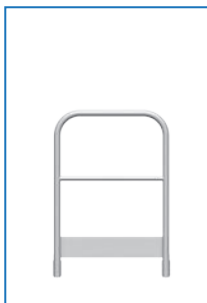
Railcar earth berm crossover



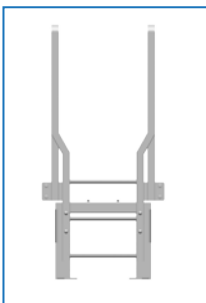
**5 MAIN COMPONENTS**



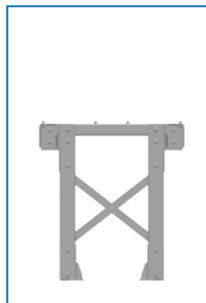
UNIVERSAL PLATFORMS



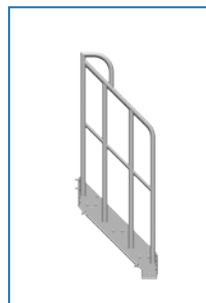
PLATFORM HANDRAILS



LADDER UNITS



TOWER SUPPORTS



SAFETY STAIRS





Raised work platform for easy maintenance access



Safely crossover conveyor systems, with the ability to reconfigure your ErectaStep modular system should you change, add or remove equipment

## 5 MAIN COMPONENTS UNLIMITED CONFIGURATIONS

Create raised walkways, work platforms and more without costly engineering and fabrication.

- Quick bolt-together assembly for easy installation
- Real time design and estimation
- Pre-engineered components
- Fully engineered and OSHA compliant with current regulations
- In-stock and ready-to-ship!



**LET US CONFIGURE  
YOUR SOLUTION TODAY**

**PERFECTSTEP®**

Customized Industrial Stairs and  
Work Platforms for ANY Application





MP SERIES



 RollaStep®

## DESIGNED FOR WORK, BUILT FOR SAFETY MOBILE WORK PLATFORMS AND STAIRS

- Access when and where you need it
- User friendly – easy to roll and steer
- In-stock and ready-to-ship
- Easily customized
- Extremely versatile

TR SERIES



C SERIES



G SERIES



MP SERIES

### MOBILE WORK PLATFORM



Flatbed fall protection  
Configurable handrails  
Highly mobile

TR SERIES

### TILT AND ROLL WORK PLATFORM



Ample room to work  
Built for safety

G SERIES

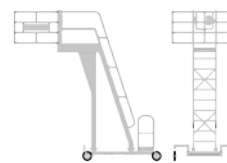
### MOBILE SELF LEVELING STAIR WORK PLATFORM



Adjustable height  
Easily mobile  
Large work area

C SERIES

### MOBILE CANTILEVER WORK PLATFORM



Stability meets mobility  
Safe, spacious work area  
Optional safety cage

ALL ROLLASTEP PRODUCTS ARE EASILY CUSTOMIZED



## FALL PROTECTION

# THE MOST ADJUSTABLE SWING GATE AVAILABLE

Durable, safe and adjustable

- Universal mount for easy installation - no additional parts to order
- Helps meet OSHA regulations
- Built to last indoors and out
- In-stock and ready-to-ship

**YellowGate** 



### UNIVERSAL MOUNT



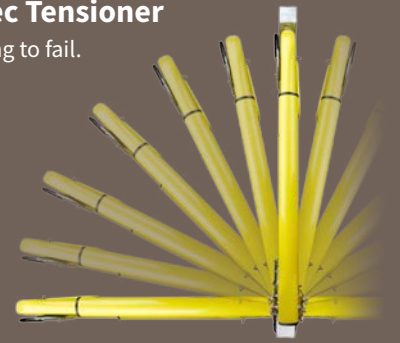
Mounts to walls, round and square tube or angle iron, with a single mount.



### PATENT PENDING

#### Malbec Tensioner

No spring to fail.



The Malbec Tensioner eliminates the need for a swing gate's most common failure point, the spring. The patent pending system provides field adjustable tension and maintenance-free closure, every time.

### MOUNTING OPTIONS

YellowGate can swing either in or out by simply relocating two bolts.



PERPENDICULAR



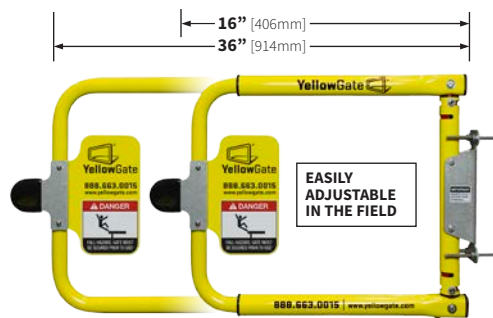
PARALLEL

**MADE**  
in the  
**USA**



**KEEP ALL YOUR OPENINGS SAFE**

- Order a pallet of 10 today



## YellowGate **XL**

THE MOST VERSATILE TRAFFIC BARRICADES AND CONTROL GATES AVAILABLE

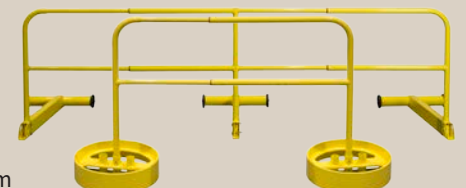
YellowGate protection, only BIGGER



## YellowGate **RS**

YELLOWGATE SIMPLICITY IN A SAFETY RAILING SYSTEM

Temporary, non-penetrating, modular roof top railing system





DON'T REINVENT THE WHEEL  
**PRE-ENGINEERED  
 PIPE RACK SYSTEMS**



Pipe racks faster and easier than ever before

ErectaRack eliminates the long engineering and fabrication process typically involved in pipe rack design and construction, often taking several weeks, if not months. ErectaRack's modular design is a pre-engineered precision manufactured system using the latest technology. This enables pipe rack projects to be completed fast with efficient construction in a fraction of the time.

Choose from four ErectaRack modular, pre-engineered pipe rack models.



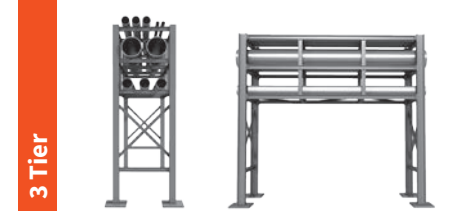
T-Frame



2 Tier



U-Frame



3 Tier



THE WORLDS FIRST  
**TOTAL VEHICLE  
 SAFETY MONITORING  
 SYSTEM**



- SECURE GROUNDING
- OVERFILL PROTECTION
- ROBUST ANALYTICS
- LOAD ARM POSITION MONITORING



The **LOGIC** controller has been developed for single point top loading operations, providing multiple truck and rail car grounding options, with enhanced features such as, monitoring potential overfills, adjusting loading arm position, enabling dead-man control and can log external environmental conditions such as temperature and humidity, all in one enclosure.

The SmartTech **ImpactLog** monitor is a highly durable impact recorder which can be configured to monitor critical parameters, providing an alert when an impact to SafeRack gangway equipment may have compromised its integrity, performance, and/or safe operation. Our monitor identifies incidents after installation and before any serious malfunction occurs. SmartTech's ImpactLog delivers an alert that the gangway has encountered an impact which might affect its performance or safety, enabling immediate inspection and remediation by SafeRack service personnel.

- Smart**
- Dependable**
- Innovative**
- Made in the USA**

**Smart**  
 We utilize smart technologies to bring intelligence to the loading terminal.

**Dependable**  
 Our products are rigorously tested and constructed with the highest quality materials.

**Innovative**  
 We apply blue-sky thinking to today's applications and develop tomorrow's products.

**Made in the USA**  
 We are proud to say that all of our products are developed and manufactured in the USA.









 **SafeRack**<sup>®</sup>  
ORANGE. SAFETY HAS A NEW COLOR.

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