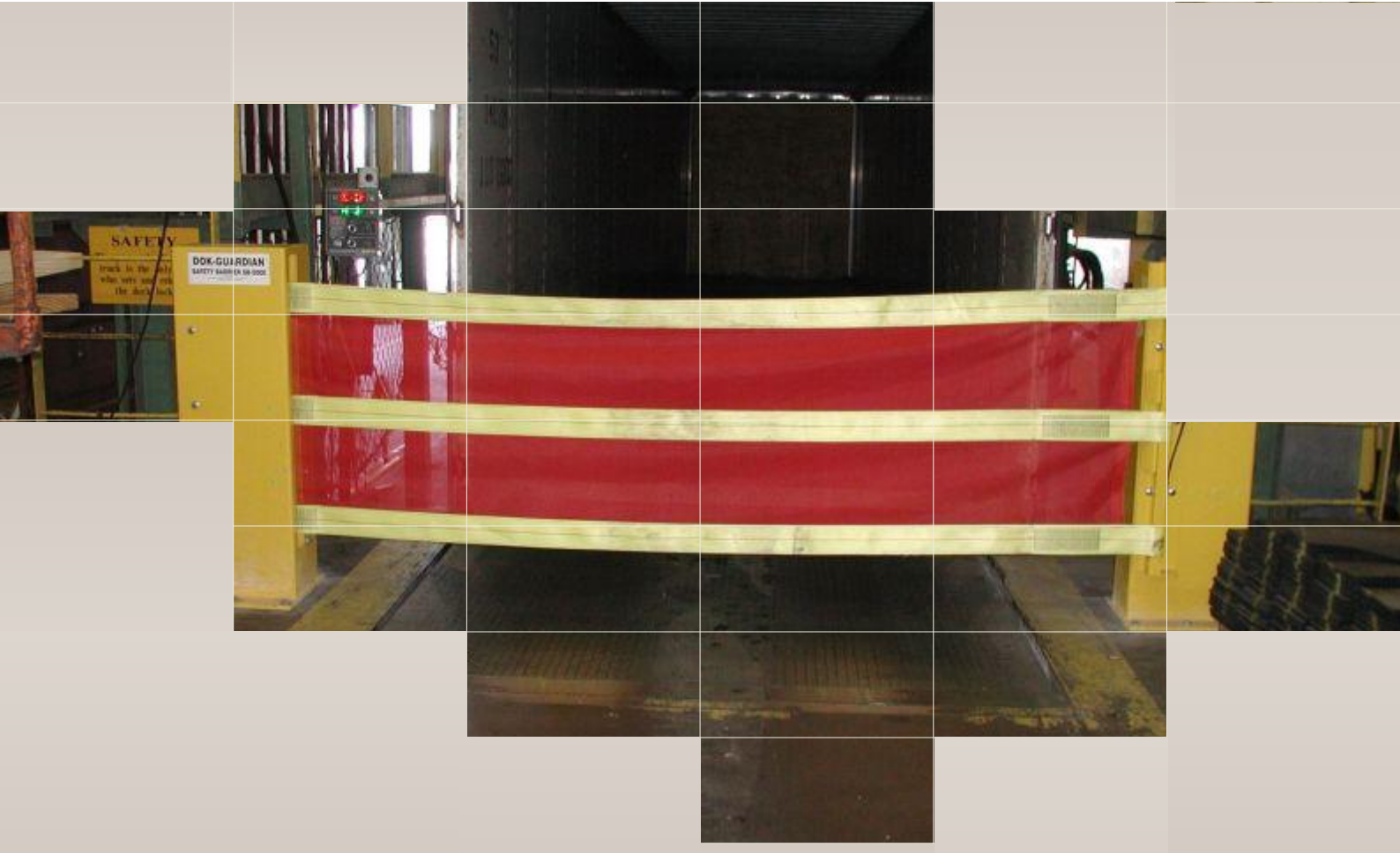




Incorporating: **EGMONT DOORS & totalDOORS**



SAFETY RESTRAINTS

PROTECT YOUR PERSONNEL, PRODUCT AND PLANT

BARRIER SYSTEMS

Loading Docks and Other Gate Applications

Vacant loading docks create a dangerous 1210 mm drop-off for dock personnel and material handling equipment. When doors are left open to help improve air movement in facilities, people and material handling equipment are even more exposed to this precarious condition. Chains are not effective visual or physical barriers for material handling equipment or personnel. These brutal realities are often recognised only after it is too late. Ulti offers a full line of product solutions to help make your loading docks safer



Consider these facts;

- The cost of work injuries in 2006 (\$164.7 billion) exceeded the combined profits reported by the 11 largest Fortune 500 companies that year. *
- 10-20 % of all industrial accidents occur at or around the loading dock. **
- There are nearly 100 forklift fatalities in the United States each year. **

*National Safety Council, 'Injury Facts', 2008

**Source: OSHA

BARRIER SYSTEMS

In-plant Separation and Protection

Separating and defining work areas, walkways, and interior loading docks has long been a challenge for Plant Operations and Safety Managers. While yellow painted lines are low cost and easy to change, they offer limited visibility and benefit.

Steel posts and fixed guard rail systems are effective where access to areas isn't needed or plant layout is not subject to change. In those cases, they are inflexible and costly to relocate. Ulti has a full line of Barrier System products that offer creative solutions for these challenges



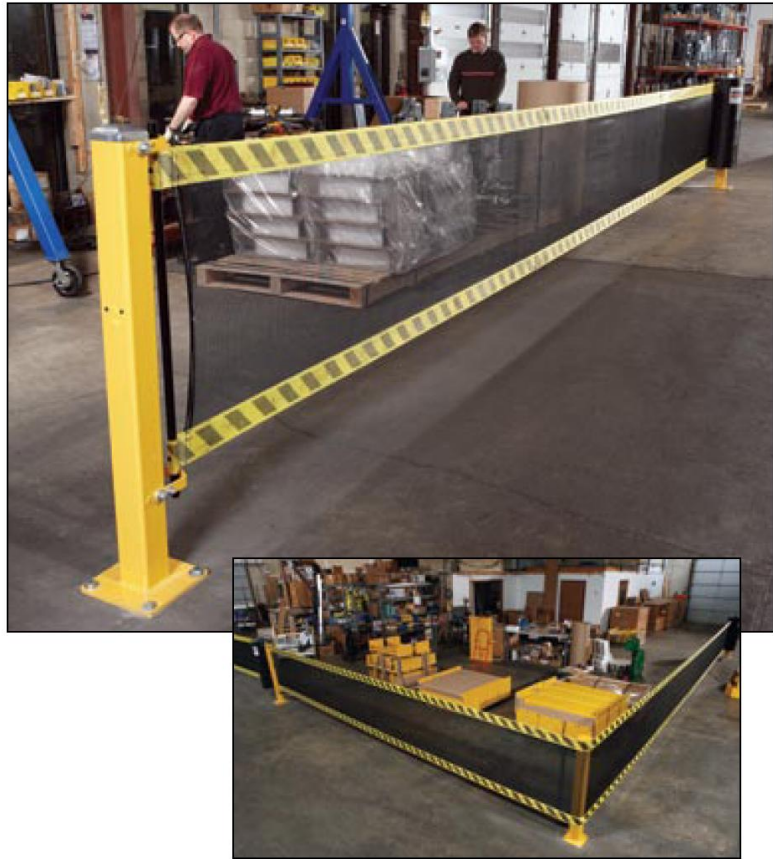
Consider these facts;

- Forklift are involved in over 34,000 serious injuries and 61,000 non-serious injuries annually. **
- 18% of forklift accidents involve pedestrians. **
- 80 million – number of days of lost production time due to on-the-job injuries in 2006. *

*National Safety Council, 'Injury Facts', 2008

**Source: OSHA

BARRIER SYSTEMS



SpanGuard Safety Barrier

- High visibility barrier for defining and separating
- Easily removed and stored for easy access
- Complete selection is simple when operations change
- Storage cylinder is standard



GuardRite Strap

- Double straps between double posts stops a 4500kg forklift at 6km/h
- Single strap and single post also available

Ulti Barrier Systems	SpanGuard	GuardRite Strap	GuardRite Light Duty
Barrier Systems for applications that require frequent access.			
Common Applications:	Where fall protection or separation of specific areas is required and barrier must be removed from time to time or plant layout is subject to change. <i>Examples: Walkways or work areas near forklift traffic, inside loading docks, separation of work areas</i>	Where fall protection or separation of specific areas is required and occasional unobstructed access is needed. <i>Examples: work areas near forklift traffic, inside loading docks, outside platform docks</i>	Where separation for pedestrian walkways is desired to improve safety, plant organisation and aesthetics. <i>Examples: walkways or work areas near forklift traffic, inside of perimeter building walls, entrance ways to plant</i>
Stopping Power:	Stops 90kg of force. While it is not designed to stop material handling equipment, curtains will absorb minor 'bumps' with little or no damage	Straps will stop a 4500kg forklift at 6km/h with little or no damage	Stops 90kg of force. While it is not intended to stop material handling equipment flexible rails will absorb minor 'bumps' with little or no damage
Deflection when impacted:	18,280mm long curtain 300-600mm depending on tightness of curtain	6090mm lengths: 810mm 12,190mm length: 1270mm 18,280mm length: 2130mm	2900mm long rail: 50mm
Maximum clear width between uprights:	18,280mm	18,280mm	2950mm
Ease of removal and repositioning for access to opening:	1-2 Minutes 20:1 gear ratio makes it easy to tighten	5-10 minutes Optional storage system available	Permanently fixed posts; rails can be installed to allow easy lift-out. 2900mm rail weighs 6.8kg
Special Notes:	Available in 18,280 and 9150mm lengths. Latching post can be common member	Single post and/or single strap configurations also available. Posts can be common member. Straps available in 3000mm increments	Rails can be sized in field. Up to seven rails can be installed between posts. Add-on post can double height

BARRIER SYSTEMS



GuardRite Sure Stop

- 200mm high gusseted steel design
- Stops 4500kg, at 6km/h
- Use in most rugged or critical applications



GuardRite Light Duty Barrier

- Cost effective, fixed guard railing system
- Attractive, high-visibility rails absorb incidental impact
- Modular design eases installation
- Allows multiple configurations



GuardRite Heavy Duty

- Traditional steel guard rail
- Stops 4500kg, at 6km/h
- Single and double rail designs

Ulti Barrier Systems	GuardRite Heavy Duty	GuardRite Sure Stop
Common Applications:	Where rigid, durable protection is needed from material handling equipment or pallet storage. <i>Examples: exposed work areas, conveyor protection from pallet storage area, work stations at loading dock</i>	Areas that are subject to forklift damage due to narrow aisles of careless forklift drivers, where maximum protection is desired <i>Examples: modular buildings, electrical boxes, building walls behind pallet storage areas</i>
Stopping Power:	Stops 4500kg at 6km/h Steel rails will typically need to be replaced after one impact of this magnitude	Stops 4500kg at 6km/h multiple times with limited damage to Sure Stop
Deflection when impacted:	2950mm long rail: 300mm	50mm
Maximum clear width between uprights:	2950mm	Does not utilize uprights – individual sections are bolted together
Ease of removal and repositioning for access to opening:	Permanently fixed barrier. Removable rail option available. 2950mm rail weighs 36kg	Permanently fixed barrier
Special Notes:	Standard rails: 2950mm Shorter, custom-sized rails available	Can be combined with GuardRite Light Duty or GuardRite Strap. 90° corner section available.

BARRIER SYSTEMS



Dok-Guardian Heavy Duty Barrier

- Innovative, proven solution
- Rugged design
- Easily positioned and stored
- Heavy Duty curtain stops 4500kg at 6km/h – multiple times
- Interlock capability with other equipment



Dok-Guardian Light Duty Barrier

- Stops 450kg at 6km/h

Ulti Barrier Systems	Dok-Guardian Heavy Duty	Dok-Guardian Light Duty	Safe-T-Gate Automatic
Barrier Systems for applications that do not require frequent access.			
Common Applications:	Areas where an opening requires a barrier to warn people and stop forklifts <i>Examples: loading docks and in-plant work areas</i>	Areas where an opening requires a barrier to warn people and stop light duty carts <i>Examples: Loading docks and on-plant work areas</i>	Areas where a push-button operated barrier is needed to warn people and stop forklifts <i>Examples: loading docks and in-line gate for conveyors</i>
Stopping Power:	Curtain stops 4500kg at 6km/h multiple times with little or no damage	Curtain stops 450kg at 6km/h multiple times with little or no damage	Strap stops 4500kg at 6km/h Rail/strap assembly may need to be replaced after significant impact
Deflection when impacted:	Up to 3500mm opening: 400mm Up to 5000mm opening: 750mm	Up to 3500mm opening: 400mm Up to 5000mm opening: 750mm	Up to 3000mm opening: 300mm
Maximum clear width between uprights:	5000mm	5000mm	3050mm
Ease of removal and repositioning for access to opening:	Manual operation: less than 10 seconds, 13kg of force.	Manual operation: less than 10 seconds, 13kg of force.	Motor operator with up/down push buttons
Special Notes:	Common member units and interlock options available. Wardens protect door tracks on stand-alone units	Common member units and interlock options available. Wardens protect door tracks on stand-alone units	Maximum clear opening height is 3600mm Overall unit height is clear opening height plus 980mm .Interlock option and Light Duty model available. Wardens protect Sate-T-Gate and door tracks

BARRIER SYSTEMS



Door Dok-Guardian

- Loading dock drop-off protection for “closed-door-policy” facilities
- Stops 4500kg at 6km/h
- Wardens and impactable bottom door panel are included

Sate-T-Gate Automatic

- Push-button operation
- Stops 4500kg at 6km/h
- Interlock capability with other equipment



Safe-T-Gate Light Duty

- Cost-effective personnel barrier/gate
- Easy access when needed

Ulti Barrier Systems	Door Dok-Guardian	Safe-T-Gate Light Duty
Common Applications:	Loading dock fall protection for facilities with ‘Closed Door’ policy due to air quality or security concerns. <i>Examples: Food processing facilities and air-conditioned buildings</i>	Pedestrian barrier with easy removal for access. <i>Examples: in-plant work areas and loading docks</i>
Stopping Power:	Stops 4500kg at 6km/h, some damage may occur to brackets and/or the bottom door panel	Stops 90kg of force. While not intended to stop material handling equipment, rails will absorb minor “bumps” with little or no damage
Deflection when impacted:	Up to 3000mm opening: 300mm	Up to 3000mm opening: 150mm
Maximum clear width between uprights:	3000mm	3000mm
Ease of removal and repositioning for access to opening:	Strap is attached to bottom door panel and travels automatically with door as it is raised and lowered	Manual operation: Less than 5 seconds, 6.5kg of force
Special Notes:	GX-4000 bottom panel is included. Wardens protect door tracks	Posts can be common member with GuardRite Light Duty. Overhead clearance required is opening width plus 1300mm



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