



## RETRACTABLE DOCK SAFETY BARRIER



**GANDHI**  
Automations Pvt Ltd

India's **No.1** Entrance Automation & Loading Bay Equipment Company



The Retractable Dock Safety Barrier is designed to stop impacts up to 13500 Kg (Refer impact rating chart for complete weight and speed ratings).

Retractable Dock Safety Barrier is made-up of black mesh curtain of height 1150mm with three heavy-duty orange restraint straps. It also serves as a highly visible warning for operators and pedestrians.

It consist of two heavy duty 1200mm high orange warden guards anchored on either side of clear opening, which provides excellent door track protection. During loading or unloading, the dock safety barrier retracts into one of the wardens.

It's operated manually and easily fits across opening up to 5000mm wide

## Help prevent loading dock accidents



Helps prevent fork trucks, pallet jacks, and pedestrians from falling off a loading dock

Helps protect the dangerous 1200mm drop off at the loading dock that can result in serious injuries that are sometimes fatal

Dock Safety Barrier is simple & easy to use safety solution for almost any loading dock. It has ability to help to prevent the serious life threatening accident.

## Gandhi Dock Safety Barriers Provide Full-time safety integration for Full time Protection

The Dock Safety Barrier is designed to interlocked with any loading bay equipment system (like Sectional Doors, Dock Levelers & Vehicle Restraint System and other existing loading bay equipment) to ensure full time loading dock safety.



**1** The red light on the traffic light inside building indicates that the Dock Safety Barrier is locked safely across the opening.



**2** The Vehicle Restraint System safely secures the trailer to the loading dock.



**3** When Vehicle Restraint System securely connects the vehicle, the inside traffic light turns green, the dock safety barrier interlock releases, allowing for loading and unloading of a trailer.

### Impact Rating Chart Retractable Dock Safety Barrier

Weight (kg)	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	13500
Speed (km/hr)	Kinetic Energy (Joules)											
3.0	1100	1400	1800	2100	2500	2800	3200	3500	3800	4200	4500	4700
4.0	1900	2500	3100	3700	4300	5000	5600	6200	6800	7400	8200	8300
4.5	2400	3100	3900	4700	5500	6300	7000	7800	8600	9400	10500	11000
5.5	3500	4700	5900	7000	8200	9500	11500	12000	13000	14000	15500	16000
6.5	4900	6500	8200	9800	11500	13000	15000	16500	18000	20000	21500	22000
7.0	5700	7600	9500	11500	13500	15000	17000	19000	21000	23000	25000	25500
8.0	7400	9900	12500	15000	17500	20000	22500	25000	27500	29500	32500	33500
8.5	8400	11500	14000	17000	19500	22500	25000	28000	31000	33500	36500	38000
9.5	10500	14000	17500	21000	24500	28000	31500	35000	38500	42000	45500	47000
10.0	11500	15500	19500	23500	27000	31000	35000	39000	42500	46500	50000	52500
11.0	14000	18500	23500	28000	33000	37500	42000	47000	51500	56000	60500	63000

	Will absorb multiple impact at this level minimal damage
	Will absorb an impact, may sustain damage
	Will not absorb an impact this level

The barrier load and speed test (Chart expresses an impact rating in term of kinetic energy )



**STAR EXPORT HOUSE**  
(Government of India Recognised)



Gandhi Automations operates a policy of continuous development and reserves the right to make technical modifications / replacements without prior notice.



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## India's No.1 Entrance Automation & Loading Bay Equipment Company

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