



## MOBILE DOCK RAMP



**GANDHI**  
Automations Pvt Ltd

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

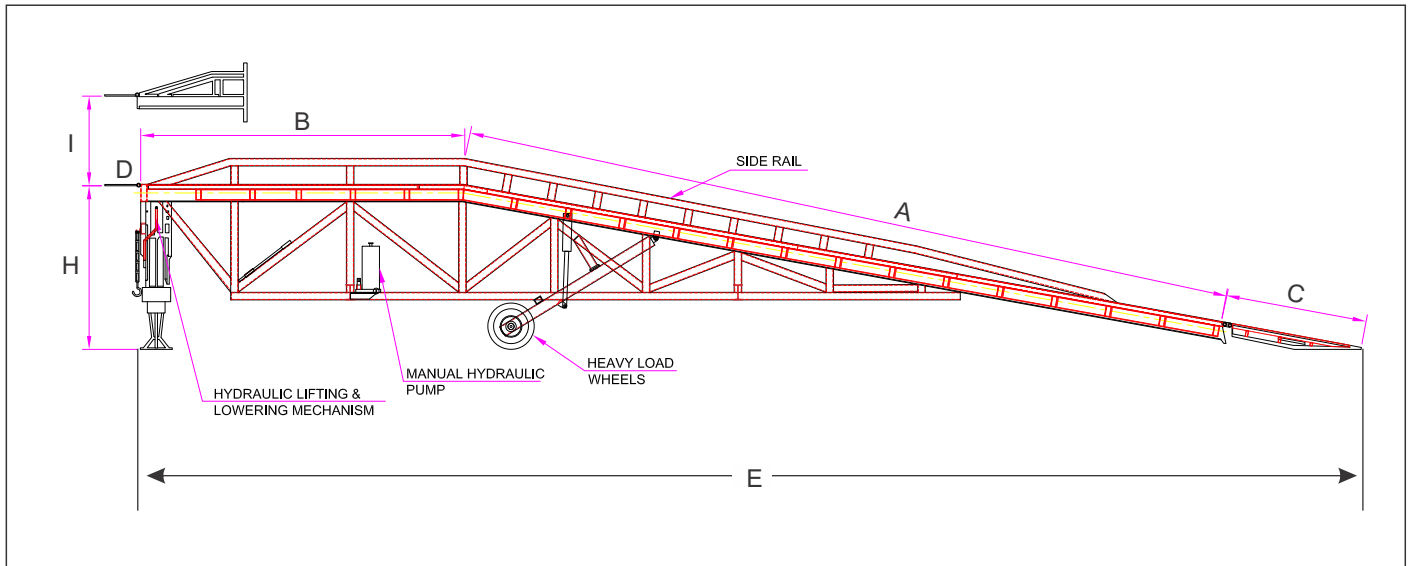
# Mobile Dock Ramp



The Mobile Dock Ramp is a high-performance solution where there is no loading platform available on the premises. It helps in rapid loading and unloading of goods; forklifts and handling trucks can directly travel over this too quickly to load or unload goods, and the working efficiency is greatly increased. The set-up of Mobile Dock Ramp can be done anywhere in the ground and provide an ideal solution to bridge the difference in height between the truck bed and the floor-level area.

The Mobile Dock Ramp with manual hydraulic control doesn't need any other power source and is almost maintenance free. It has a mechanical gear box with jacks, which is also easy to operate and almost maintenance free.

- CE-certified electro-hydraulic operator with ingress protection.
- Almond patterned high-grade steel with 2 mm abrasion for the main platform and hinged lip, which provide anti-slip protection.
- Telescopic design side panels are offered as standard to prevent foot injuries for docking bay personnel.
- Mobile Dock Ramp can be applied on various occasions such as the position of the non-loading platform, the unfixed load and unload location, the narrow load and unload ground, and so on.
- Optional self-breakable side flaps to accommodate narrow truck beds for the width adjustment of the platform.
- Mobile forklift trucks and other transporting facilities can enter the truck to carry on loading and unloading directly.
- Provided with manual hydraulic controls.
- Tires can be folded to lift off when the dock is in use and let down when you need to move the mobile dock.
- Easy and convenient to move and change the working location of the mobile dock by the manpower.



### Technical Specification:

Model	Capacity	A	B	C	D	E	H	I
MDRH6-04	6000	7000	3000	1000	300	11300	1100	500
MDRH8-04	8000	7000	3000	1000	300	11300	1100	500
MDRH10-04	10000	7000	3000	1000	300	11300	1100	500

### Structure:

- I-Beams are used as the main support under the top platform, which took all the load.
- Main platform is made of a chequered plate with MS channel under supports.
- MS round Bars are welded on top of a chequered plate, which makes it anti-skid for forklift wheels.
- MS flap made of chequered plate will be provided to bridge the gap between the ramp and the vehicle to be loaded.
- Heavy MS pipes and round Bars are used in Manual Jacks.

### Hydraulic Cylinder:

One hydraulic cylinder with straight mounting and with an appropriate rod, bore, and stroke size as per capacity requirements is used.

High strength steel piston rod is precision ground and hard chrome plated to ensure anti-corrosiveness and durability of the seal.

Seamless Honed Tubes (Steel) to a micro-finish are used to ensure long piston seal life and prevent failure of the cylinder

### Railing:

MS Channel railing is provided with a standard 300 mm height. It can be changed if needed.

### Wheels:

Strong Solid Rubber Wheels with MS Hub and Taper Roller Bearings are used.

### Paint:

Entire structure shall be PU finish painted.



**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.

# GANDHI

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