

# MOBILE GANTRY CRANE



## DESIGN

- 'ABM' Self Raising Portable Heavy Duty Adjustable Gantry Crane.
- Confirming to IS : 3177 - 1977.

## APPLICATION

- Used for maintenance, erection, loading and unloading of any heavy work load.

## MAIN PARTS

### GIRDER / BEAM

- Beam Heavy Duty confirming to IS 226 of 1975.

### PIPES

- 4 Male and 4 Female Pipes (E.R.W.) confirming to IS : 1161 to 1963.

### WINCHES

- Each Side of the crane is fitted with winch machine with wire rope for smooth and easy erection of crane..

### WHEELS

- 4 Castor Wheels assemblies 360° Swiveling fitted with 2 ball bearing each wheel are provided for the smooth and light movement of the crane.
- Each assembly is fitted with locking device.

### SELF ERECTION

- Two laymen can erect the complete system with the help of winch machine provided with the crane.

## TEST

- The Gantry Crane is tested on 25% overload.

## TECHNICAL DATA

| Item Code No.                          | ABM-MH-6240 | ABM-MH-6241 | ABM-MH-6242 | ABM-MH-6243 | ABM-MH-6244 | ABM-MH-6245 | ABM-MH-6246 | ABM-MH-6247 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Capacity in Tonnes                     | 1           | 2           | 3           | 5           | 7.5         | 10          | 15          | 20          |
| Test Load in Tonnes                    | 1.25        | 2.5         | 3.75        | 6.25        | 9.4         | 12.5        | 18.7        | 25          |
| Overall Max Ht in mm                   | 5000        | 5000        | 5000        | 6000        | 6000        | 6000        | 6000        | 6000        |
| Overall Min Ht in mm                   | 3000        | 3000        | 4000        | 4000        | 5000        | 5000        | 5000        | 5000        |
| Clear Span in mm                       | 3500        | 3500        | 3500        | 3500        | 3500        | 3500        | 3500        | 3500        |
| Wheel Dia.                             | 200         | 200         | 200         | 280         | 280         | 280         | 280         | 300         |
| Head Room with Hand Lifting Span in mm | 4230        | 4080        | 4930        | 4700        | 5550        | 5400        | 5160        | 5010        |

All Specifications are subject to change towards improvements without any prior notice.

**Manufactured by ABM Fasteners (India) and Export Marketing by ABM Tools**



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