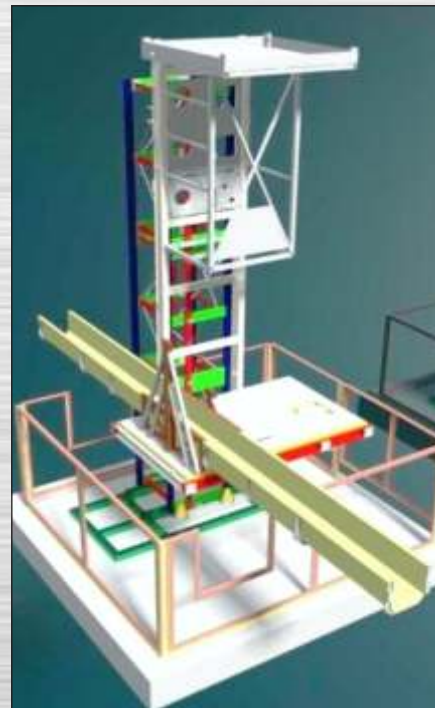


# MATERIAL HOIST

In our Rack & Pinion series, we have three variants of load carrying capacity, 1 Tons (AK1000 MH), 1.5 Tons (AK1500 MH) & 2 Tons (AK2000 MH). By multi-functionality, we mean we have various accessories through which we can carry material, we have the cage to carry material like bricks, sand, mortar etc. We have a revolutionary horizontal rebar attachment for safe transit of steel bars. In addition to it, we have a Bucket Attachment with safety railing, which can carry labour through cage.

## HORIZONTAL REBAR ATTACHMENT

Option of using easy to assemble & dismantable rebar Carrying attachment. Carries upto 9 mtr. Long rebar. The swing design makes it easy to load & unload the rebar's. The attachment reaches the desired floor, it has to be rotated using the lever extension provided. Heavy duty bearing a single man operator for rotation. Rebar limits switch, ensures the main supply to hoist is cut-off once rebar attachment leaves the parking position to avoid accident, once it is rotated to unload. The rotation is directed to reach a desired place for safe & convenient unloading. Easy & comfortable unloading of rebar is done by simply lifting the rebar & pulling it on the building.





## TECHNICAL SPECIFICATION MATERIAL HOIST

Particulars	Unit	Model AK1000 MH	Model AK1500 MH	Model AK2000 MH
Pay load capacity	Kg	1000	1500	2000
Cage Internal Dimensions (WxLxH)	M	2.0 x 1.3 x 1.2	2.2 x 1.3 x 1.2	2.5 x 1.3 x 1.2

Horizontal Steel Bar Carrying Attachment				
Capacity	Kg	1000	1500	2000
Bar Length	M	9	9	9
Floor type located at Below Bottom of cage	-	Yes	Yes	Yes
Safety Device (Fail safe progressive type positive action)	-	Yes	Yes	Yes
Digital Load Cell Indicator on Panel Door	-	Yes	Yes	Yes
Operation from ground only & VFD	-	Yes	Yes	Yes

Maximum Mast Height				
Square Mast	M	100	100	100
Speed at 50 Hz	M/Min	28.0	28.0	28.0
Mast Length	M	1.508	1.508	1.508

Motors				
Power	KW	2 x 7.5	2 x 9.2	2 x 12.5

Limit Switches				
Top & Bottom Limit	-	Yes	Yes	Yes
Entry & Exit Door	-	Yes	Yes	Yes
Over Travel	-	Yes	Yes	Yes
Re-Bar position	-	Yes	Yes	Yes
Height required above top landing	M	4.5	4.5	4.5
Minimum clear space required	M	3.3 x 3.6	3.5 x 3.6	3.8 x 3.6
Distance between cable guides	M	6	6	6
Distance between anchors	M	6	6	6

Specifications of products and equipment shown herein are subject to change without notice.