



ABM CRANES
Do It Safely

WIRE ROPE ELECTRIC HOIST





DESIGN

- "ABM" Electric Wire Rope Hoists are designed as per IS : 3938 - 1983 and are suitable for medium and heavy duty applications.

CONSTRUCTION

- "ABM" Hoist have a unique modular construction which makes them an ideal choice since each sub assembly is easily accessible individually thus reducing the time and cost involved in the maintenance.

FRAME

- The main plates of tested quality steel are welded / bolted to form very rugged frame.

ROPE DRUM

- Rope Drum is fabricated out of mild steel or seamless tube and is machined and grooved in accordance with IS : 3838 to accommodate full length of Wire rope in one layer.

GEAR BOX

- Totally enclosed, Immersed oil lubricated gear box houses the gear machined out of EN-9 / EN-24 steel and teathed on precision Hobbing machines.

MOTORS

- Hoist duty 415 V, 50 Hz, 3 Phase, A.C., Squirrel Cage motors with 40% CDF 'B' class insulation and of ample rating and standard make.

HOOK

- Conforming to IS : 8610 Free to rotate & Swivel.

BRAKE

- Instant action "FAIL TO SAFE" Electro Magnetic auto manual DSIC / SHOE Brakes ensures maximum safety and reliability.

WIRE ROPE

- 6 x 37 construction, FMC, best plouging steel tested Wire Rope as per IS : 2266 is used of reputed make like Usha Martin / Ford William etc.

LIMIT SWITCH

- Snap action limit switch to prevent over hoisting and over lowering is provided for maximum safety, make BCH / UNICON.

PANEL

- Totally enclosed, Dust and Vermin Proof-housing components of standards make like SIEMENS / BCH / L & T, provides control at low voltage for safety of the operator.

CONTROL

- From push button pendent station supported with steel link Chain / Wire Rope, operating at 110 Volt.



TECHNICAL DATA

Item Code No.	Capacity in Kg.	lift in Mtr.	H. Speed Mtr / Min	H Motor H.P.	C.T. Speed Mtr / Min	C.T. Motor H.P.
ABM-MH-6320	250	6	8	0.75	15	0.25
ABM-MH-6321	500	6	6	1.00	15	0.25
ABM-MH-6322	1000	6	6	2.00	15	0.33
ABM-MH-6323	1500	6	4	2.00	15	0.50
ABM-MH-6324	2000	6	3	2.00	15	0.50
ABM-MH-6325	2000	6	4	3.00	15	0.50
ABM-MH-6326	3000	6	3	3.00	15	0.50
ABM-MH-6327	5000	6	3	5.00	15	0.75
ABM-MH-6328	7500	6	3	7.50	15	1.00
ABM-MH-6329	10000	6	3	10.00	15	1.00
ABM-MH-6330	12500	6	3	12.50	15	1.50
ABM-MH-6331	15000	6	3	15.00	15	1.50

We can make products as per customer's specifications / requirements

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

Manufactured by ABM Cranes and Export Marketing by ABM Tools



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