



SUPER LIFTING POWER

www.mechtechcrane.com

mzi **MECH-TECH**
INDUSTRIES



D & D D-U-N-S | 87-154-0684

NSIC

ISO 9001 : 2008



Mech-Tech Industries is one of manufacturer of "MECH-TECH" BRAND EOT Cranes. Electric Overhead Traveling Cranes are designed with factor of safety in accordance to duty classification as per IS-3177. The structured parts of the cranes are designed and manufactured as per IS-807.

Cranes are manufactured as per Customer's requirement. The girders are supported at ends by rigid end carriages that house long travel wheels. The arrangement of end carriage is decided by application as well as number of long travel wheels that support the load. Crane capacity, runway rail size, duty classification of crane, LT speed are some of the factors that affect the sizing of LT wheels.

The cranes find their application mainly for capacities from 0.5 MT up to 20 MT and Span up to 25 Meters. These are commonly used for light / medium & heavy workshop duty applications.

TYPE

- 1) Single Girder electric overhead travelling cranes
- 2) Double Girder electric overhead travelling cranes
- 3) Underslung Cranes
- 4) Hand Overhead travelling cranes (Single girder / Double girder)
- 5) Crab, End Carriages, panels etc.



GANTRY CRANES



Mech-Tech Industries is one of manufacturer of "MECH-TECH" BRAND Gantry Cranes. We specialize in manufacturing and supply of high grade gantry cranes such as single girder gantry crane, double girder gantry cranes, high lift gantry crane etc., that are compatible for frequent starting, reversing and braking in accordance with Indian standards.

JIB CRANES

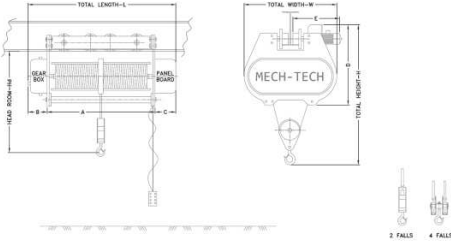


Mech-Tech Industries is one of manufacturer of "MECH-TECH" BRAND Jib Cranes. Jib Cranes are built to consistently high specification confirming as per IS-807 and IS-3177. JIB cranes are versatile, efficient and cost effective solutions for moving materials within an individual workstation, for transferring materials from work area to work area or for serving as auxiliary lifting devices under overhead cranes. Available with 180 degree and 360 degree swiveling boom. Swiveling through chain at the end of jib arm or electric (if required)

ELECTRIC WIRE ROPE HOIST

Mech-Tech Industries is one of manufacturer of “MECH-TECH” BRAND Electric Wire Rope Hoist. Electric Wire Rope Hoist is designed accordance with IS-3938

Design & dimension of “MECH-TECH” Brand Electric Wire Rope Hoist :



Type :

- 1) Complete Electric Wire Rope Hoist
- 2) Fix suspension type
- 3) Curved Type Hoist which run on curved girder
- 4) Flameproof Electric Wire Rope Hoist
- 5) Micro speed Electric Wire Rope Hoist

Technical Specification of “MECH-TECH” Brand Electric Wire Rope Hoist :

Capacity(Kg.)	500	1000	2000	3000	5000	7500	10000	12500	15000	
Standard Lift (mtr)	6	6	6	6	6	6	6	8	8	
Hoisting	Speed MPM	4	4	3.5	3.8	3.5	2.8	2.8	2.7	2.0
	Motor HP	1.5	1.5	3.0	5.0	7.5	10.0	12.5	12.5	15.0
Cross Travel	Speed MPM	18	18	15	15	15	12	12	12	12
	Motor HP	0.25	0.25	0.5	0.5	0.75	1.0	1.0	2.0	2.0
No. of Fall	2	2	2	2	4	4	4	4	6	6/8
Head Room (Hd)	600	600	650	750	750	850	1250	1350	1600	1700
Total Length (L)	716	716	970	1012	1062	1210	1364	1518	1614	1814
Total Width (W)	555	555	670	740	740	850	980	1000	1050	1100
Total Height (H)	800	800	850	1050	1050	1210	1600	1850	2050	2150
A	436	436	616	630	680	790	884	988	1084	1284
B	120	120	165	182	182	220	230	280	280	280
C	160	160	189	200	200	200	250	250	250	250
D	500	500	650	720	720	800	970	1000	1100	1150
E	310	310	410	410	410	460	530	550	650	680
Total Weight (Kg.) Approx	180	180	280	370	380	550	900	1150	1450	1570

“MECH-TECH” Brand Electric Wire Rope Hoist range & Specifications :

- 1) Safe Working Load: 500 kg. to 15,000 kg.
- 2) Heights of Lift: As per customer specifications
- 3) Class of Duty / Standards: Equivalent to IS 3938
- 4) Speeds: Selected depending on client specifications / applications / shed dimensions
- 5) Crane Control: From floor through Pendant Push Buttons, Optionally through Radio Remote Control
- 6) Drive System: Drive through Squirrel Cage Induction Geared Motors with built-in fail safe brakes
- 7) Motors: Squirrel Cage Induction Hoisting Motors with built-in fail safe brakes for Hoisting. Insulation Class for all motors B/F
- 8) Brakes: Built-in Brakes for Hoisting, Cross Travel Motions
- 9) Power Supply System: To Hoist and Cross Travel through Trailing Cables

GOODS LIFT



Mech-Tech Industries is one of manufacturer of "MECH-TECH" BRAND Goods Lift. We have a wide range of goods lifts that are known for their ability to manage heavy loads. These lifts are well designed and are manufactured from high grade raw materials that ensures durability. Goods Cage is provided with a collapsible gate & with Goods Cage being guided by supporting guide structure / wall mounted T guide .Mech-Tech hoist is used for hoisting & lowering the Goods Cage from ground floor to top floor. Interlocking system & limit switches are provided for the lifting the material safely.

The lifting m/c, is mounted at top in m/c. room. The lifting is done with wire rope construction and has two / four fall construction. The special arrangement is made considering heavy loading and continuous operation.

Type of Goods Lifts :

- 1) Cage Hoist type
- 2) With Self supporting Structure / Wall mounted without self supporting structure.
- 3) Flame Proof / Non- Flame Proof type



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