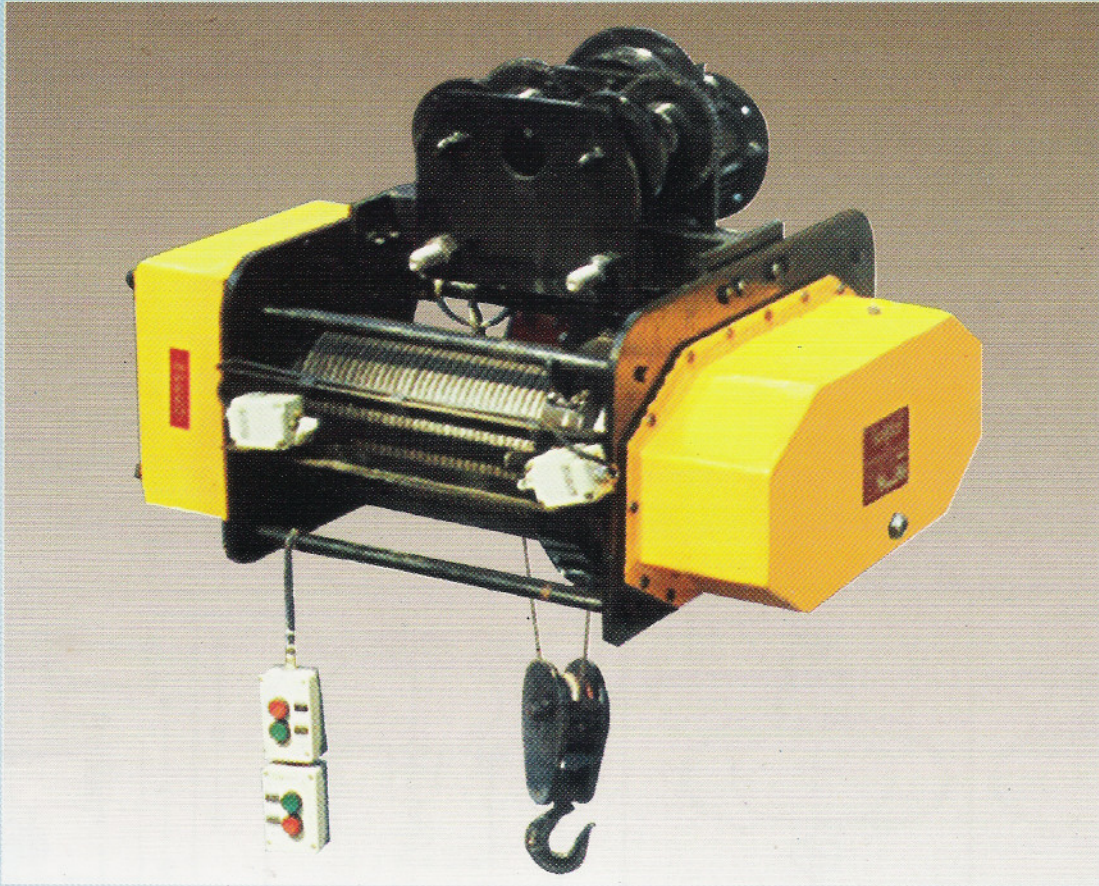


SPEED

WIRE ROPE ELECTRIC HOIST



SPEED WIRE ROPE ELECTRIC HOIST : Is the true and most reliable solution for material handling problems. The standard designs are suitable for class II applications, as per IS:3938, i.e. for medium duty applications. However, class III or IV hoists are available on order. The accompanying charts give standard capacities and lifts, but higher capacities and lifting heights, are available on order.

Also, FLAME PROOF HOISTS.

Following are some highlights of this versatile machine.

MAIN FRAME:- Is fabricated by M.S. plates, and all other components viz, Motor, Gear Box, Electrical Panel box and brake etc. are fitted to it in such a way, as to make access easy, to each, without disturbing others.

ROPE DRUM:- Is made out of seamless pipe, of sufficient thickness. The grooves are very accurately machined on it, which ensures proper sitting of wire rope in it. It is supported on Ball Bearings, by high tensile steel adaptors.

ROPE GUIDE:- It prevents the rope from overlapping on drum, and guides it accurately to the grooves. It is designed, so as to enable easy removal, for maintenance purpose. It also guards against slackening of rope on drum.

GEAR BOX:- Specially designed gear box is attached to the frame. It transmits power from motor, to the drum, with the greatest possible mechanical advantage. The Gears are of special Alloy Steel. They are precisely machined, hardened

and tempered, for longer life, with smooth and noiseless running.

HOOKS:- The Alloy Steel, forged, heavy duty, hook, is supported on thrust bearing, in the bottom block frame, which is robustly fabricated.

TROLLEY:- The trolley can be adjusted to different beam sizes. The trolley wheels are made of steel, having a perfect Curve to enable running, with minimum friction on beam.

BRAKE:- Specially designed for hoist application, fail safe, electromagnetic disc type brake, ensures complete safety at any hoisting position. These Brakes are self adjusting, for wear.

ELECTRIC MOTOR:- Special Hoist duty motor, used, with class B insulation. These are suitable for more than 100 starts and stops per hour.

BUILT IN SAFETY MEASURES:- (A) Limit switches provided, to stop the hoist immediately, as soon as the maximum hoisting or lowering limit is reached. Thus preventing any mechanical damage to the equipment. (B) A Bi-Metal relay, protects the equipment, against single phasing of supply voltage.

ELECTRICAL CONTROL PANEL:- This is enclosed in a box. Which is weather and dust proof. It houses, the best and most reliable quality components.

PENDANT PUSH BUTTON STATION:- Suitably designed to,

reduce operator fatigue. It is robust, heavy duty, dust and vermin proof, suspended by a strain cable, to take its full load.

SUPPLY VOLTAGE:- 440V.3 phase, 50c/s.

CONTROL VOLTAGE:- 24V (for operator safety).

IMPROVEMENT :- Our design personnel, continuously makes efforts for improvement, And we reserve the right of affecting

any change, found necessary - without any notice.

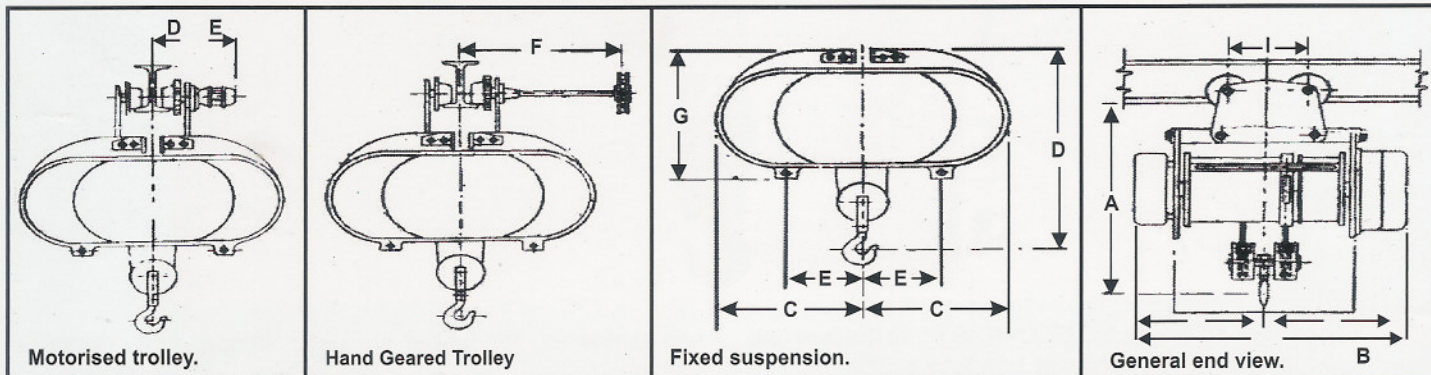
TESTING :- The hoist components are subjected to strict quality control procedures. And the hoist is finally tested to 25% overload.

GUARANTEE:- A guarantee is provided, for the repair and replacement - F.O.R. - Mumbai, of any part, which proves defective, in material or workmanship, within 1 year of sale.

SPECIFICATIONS OF HOISTS

Capacity K.g.	Lifting Height mts.	No. of Rope Falls	Hoisting Speed mts./min.	Hoist Motor H.P.	C.T. Speed mts./min.	C.T. Motor H.P.	Appr Weight Kg.	Wire Rope Dia. mm.	Trolley Flange Width mm.
100	6	2	6	0.25-10/30	15/18	0.1	75	4	75-100
250	6	2	6	0.5	15/18	0.25	175	5	75-100
500	6	2	6	1	15/18	0.5	190	6	75-125
1000	6	2	6	2	15/18	0.5	310	9	80-150
2000	6	2	6	3	15/18	0.50	440	12	90-175
3000	6	2	6	5	15/18	0.75	760	12	125-200
5000	6	2	4/6	5/7.5	15/18	1	920	12/14	140-250
7500	6	4	3	7.5	15/18	1.5	920	15	140-300
10000	6	4	3	10	15/18	2.5	975	16	140-350

HOIST WITH MOTORISED TROLLEY



DIMENSIONS

Capacity	A	B	C	D	E	F	G
100 kgs.	600	750	425	100	325	300	375
250 "	630	800	466	100	345	380	400
500 "	700	825	545	100	360	390	455
1000 "	700	880	680	125	370	440	125
2000 "	800	890	800	140	375	440	120
3000 "	800	1040	900	140	390	490	875
5000 "	1200	1140	1000	180	450	580	1025
7500 "	1200	1240	1000	180	450	580	1100
10000 "	1350	1370	1125	210	500	590	1200

* Dimensions given above are for HOIST WITH MOTORISED TROLLEY.

Other models available are :
HOIST WITH FIXED SUSPENSION and
HOIST WITH HAND GEARED TROLLEY.

* Lifting heights specified above are standard, however, higher lifting heights, are supplied on request.

CREEP SPEED : The above hoists can be supplied with creep speed arrangement. This arrangement, incorporates a separate gear box and motor. The speed provided is 1/10th of the main hoisting

GUARANTEE : The entire range of **SPEED** hoists is guaranteed for a period of one year - from the date of sale - against material and/or manufacturing defects - F.O.R. - Mumbai.

SPEED : Range of products:- Wire rope electric hoists, Chain electric hoists, H.O.T. cranes, E.O.T. cranes, Jib cranes, Gantry cranes, Motorised grab bucket, Pulling and lifting machines and manual and motorised Winches.

Established 1964

Manufactured by:

R.N. SURESH TOOLS CORPN.

MUMBAI - 400 003.