

## **WIRE ROPE ELECTRIC HOIST**

“CRANETECH” Wire Rope Electric Hoist are Heavy Duty conform IS:3938 and IS807 and most suitable for rugged performance.

### **Features :**

**Construction :** Hoist is steel plate fabricated construction machined and Hoist consists of motor, brake, drum, gear box, electric panel and traveling trolley. All these units are easily accessible for repairs and maintenance.

**Motor :** High starting torque, crane duty, squirrel cage fan cooled continuous rated. suitable for frequent reversing and braking. Induction motors are provided. Motors are suitable for 3 phase 415V, 50 Hz, AC supply.

**Gears :** The reduction gear train is mounted on needle roller bearings in a dust proof oil bath housing. Pinions are made of EN-24 and gears of EN-8/EN-9. cover is provided on top of housing for easy maintenance and inspection.

**Brake “** Adjustable, self re-setting, electro-magnetic disc or shoe type brakes are used in Hoist. Brake on trolley are available at extra cost.

**Wire Rope :** Ungalvanized extra flexible wire rope of 6x36 constructions of breaking strength 180 KG/mm<sup>2</sup> made of plough steel.

**Rope Drum :** Drum made of seamless steel pipe or fabricated steel plates revolves on heavy duty bearing. Rope grooves are accurately machined for proper setting of wire rope specially designed arrangement is made so that one complete turn of rope is clamped.

**Rope Guide :** CI Graded Casting rope guide leads the rope in the spiral grooves in the drum and retain in the groove prevent over lapping on or loosening off the drum.

**Hook Block :** Heavy duty steel forged hooks are supported on thrust bearing for free swiveling. Std. C type as per IS 3815.

**Limit Switches :** To prevent over hoisting and over lowering limit switches are provided as safety device. CT limit Switch at extra cost.

**Trolley :** CRANETECH WIRE ROPE HOIST are supplied either with fixed suspension, or electric trolley as per option of customer.

**Electric Panel :** Totally enclosed dust and vermin proof control panel houses direction reversing type air brake contactors, overload relay, HRC fuses, transformer, rectifier etc.

**Testing :** All the Hoist are tested for 25 % overload

**Guarantee :** Hoist are guaranteed for repair/replacement FOR Ahmedabad of any part which proves defective in material or workmanship within one year of sale,

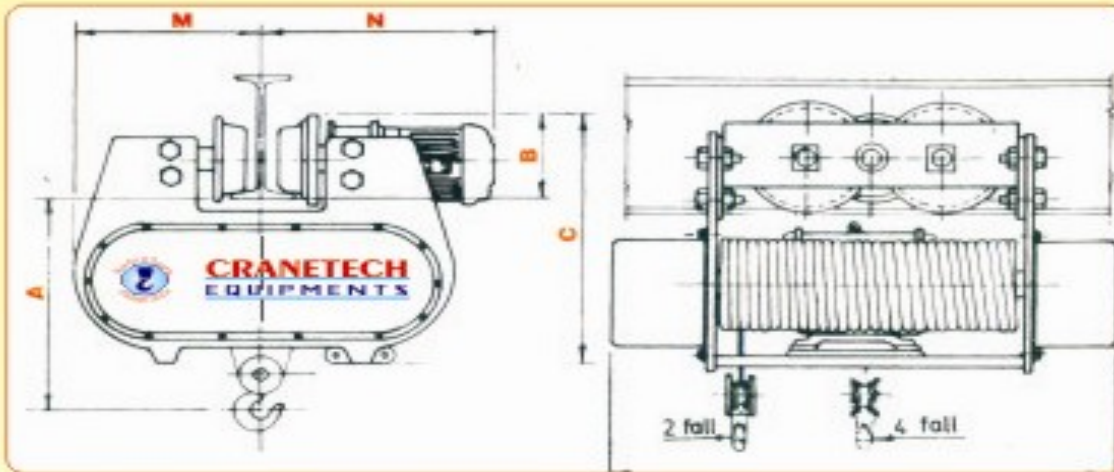
defective in material or workmanship within one year of sale. Electric components warranty as backed by the manufacturer.

**Other Options Available :**

- VFD in Hoisting and CT
- Creep Speed
- Radio Remote Control
- Brake & limit switch in CT
- Short Head Room
- Special Hoist (Acidic Atmosphere)
- Higher Lift Hoist
- High Speed Hoist
- Pull Push Trolley & Geared Manual Trolley.

**Technical Specifications**

S.W.L. (Ton)	Hoist Speed (mtr/min)	Hoist motor (HP)	Lift (mtr.)	No. of falls	Rope dia (mm)	CT Motor (HP)	CT Speed (mtr/min)	Dimension			Hoist Weight (Kgs)
								A (mm)	B (mm)	H (mm)	
1.0	4	1.5	6	2	8	0.25	10 to 12	450	180	460	180
2.0	4	3	6	2	10	0.5	10 to 12	600	200	600	350
3.0	4	5	6	4	10	0.5	10 to 12	600	200	600	450
5.0	3.5	7.5	6	4	12	0.5	10 to 12	900	200	700	550
7.5	3.5	10	6	4	14	1.0	10 to 12	900	200	700	750
10.0	3	12.5	6	4	16	1.5	10 to 12	1500	250	950	1200



S.W.L. Kgs.	Lift mts.	Speeds mpm		Motor H.P.		No. of falls	Dimensions mm						Wt. Kgs.
		Hoisting	C.T.	Hoisting	C.T.		A	B	C	D	M	N	
1000	6	4	18	1.5	0.25	2	450	180	460	700	300	400	180
2000	6	4	18	3.0	0.5	2 OR 4	600/650	200	690	1050	500	500/540	400
3000	6	4.0	15	5.0	0.5	4	750	200	690	1100	500	545	500
5000	6	3.5	15	7.5	0.5	4	900	200	690	1100	500	545	550
7500	6	3.5	15	10	1	4	900	200	690	1100	500	545	700
10000	6	3	10	12.5	1	4	1500	250	950	1700	620	690	1200

Special requirements like heigher Speed, heigher lift, low headroom, compact dimensions will be offer against inquiry.