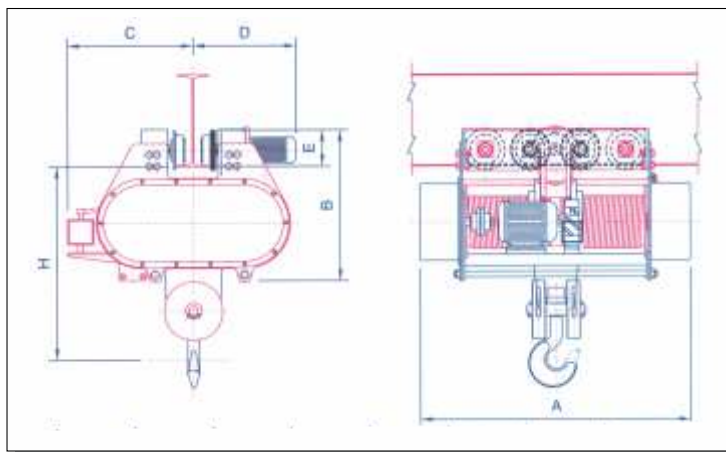


Hi-Tech - The Comprehensive Lifting Solution



**WIRE ROPE
HOIST**



Technical Specification of “Hi-Tech” wire Rope Hoist to IS : 3938

Model No.	Capacity in Kgs.	HT. Of Lift in Mtrs.	Falls or Rope	Wire Rope Dia-MM	Speed Mt/Min				H.P.	Flange Width of I-Beam	Dimension - MM						App. Wt. In Kgs.
					HT	CT	HT	CT			A	B	C	D	E	H	
HT-02	250	10.000	2	Ø6	3.65	18	0.5	0.25		75. To 125	700	425	290	350	170	450	130
HT-05	500	10.000	2	Ø6	3.65	18	0.5	0.25		75 To 125	700	425	290	350	170	450	145
HT-10	1000	08.500	2	Ø8	3.65	15	1.5	0.25		75 To 125	700	425	290	350	170	470	145
HT-20	2000	06.000	4	Ø8	3.65	15	3.0	0.25		90 To 140	1050	450	310	525	175	650	255
HT-30	3000	06.000	4	Ø10	3.65	15	5.0	0.5		125 To 210	1100	740	450	550	210	650	450
HT-50	5000	06.000	4	Ø12	3.65	15	7.5	0.5		125 To 210	1250	675	520	560	210	750	560
HT-75	7500	06.000	4	Ø14	3.65	15	10.0	1.5		150 To 210	1500	950	600	560	320	1000	950
HT-100	10000	06.000	4	Ø16	3.00	15	10.0	1.5		150 To 210	1700	930	650	650	320	1100	1150
HT-150	15000	06.000	4	Ø20	2.00	10	10.0	1.5		180 To 210	1890	1055	985	840	295	1430	2250

“Specific Design Advantages of “Hi-Tech” Wire Rope Hoist :

- Design** : “Hi-Tech” Hoists are designed as per latest IS:3938.
- Modular Construction** : “Hi-Tech” Hoists are very compact with elegant appearance. Hoist motor, brake, electrical control gears & trolley drive Unit are easily accessible. Each unit can be separately assembled and can be easily dismantled. This simplifies repairs, maintenance cost and down time.
- Gear Boxes** : The gear train is precision hob cut from alloy steel material duly heat treated for optimum wear resistance. The gears are running on antifriction ball bearing in a totally enclosed oil bath gear box with splash lubrication of all gears & pinions for fast heat dissipation, smooth operation and long life.
- Rope Drum** : The rope drum is of sturdy construction made of M.S. Seamless pipe and machined cut spiral grooves mounted on self-align ball bearings ensure smooth running.
- Rope Guide** : A rope guide completely encircling the drum is to hold the rope in its groove at all the times and can not uncoil even-when the rope is fully unloaded. Rope guide is provided for perfect winding for rope in drum groove.
- Motor** : Motor are totally enclosed, fan cooled, squirrel cage crane duty conforming to IS : 325 with high starting torque.
- Brake** : A. C. Electromagnetic FAIL-TO-SAFE shoe/disc type brake for hoisting motion which ensures perfect safety in case of power failure. It is mounted externally on the rear end of the motor for ease of maintenance.
- Limit Switch** : Snap action type roller limit switches are provided to avoid over-hoisting and over lowering actuated by rope guide.
- Control Panel** : A dust & vermin proof control panel incorporates heavy duty Contactors, control transformers, relays, HRC fuses with proper ferruling & spacious for ease of maintenance.