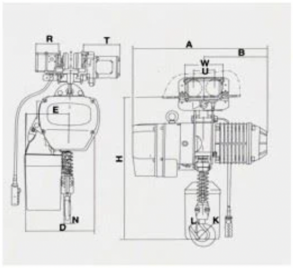
How To Operate An Electric Chain Hoist

An electric chain hoist is an essential tool in many industries that require heavy lifting and moving of loads. Here are some steps to safely operate an electric chain hoist:

ELECTRIC TYPE

with electric trolley, it can walk left and right on the I-beam, the default is four directions up and down, left and right, travelling crane can be used in six directions (up, down, left, right, front, back)



SIZE SPECIFICATION

Model	H	A	B	D	E
HHBB0.5-01	530	460	230	288	165
HHBB 1-01	650	520	260	300	176
HHBB01-02	680	460	230	288	165
HHBB1.5-01	800	615	295	430	265
HHBB02-01	800	615	295	430	265
HHBB02-02	835	520	260	300	236
HHBB2.5-01	845	615	295	430	265
HHBB03-01	845	615	295	430	265
HHBB03-02	950	615	295	430	320
HHBB03- 03	950	520	260	350	205
HHBB05-02	1030	615	295	430	325
HHB87.5-03	1380	615	295	505	320

TECHNICAL PARAMETERS

Type	Capacity (Ton)	Lifting Height (m)	Lifting Speed (m/min)	lifting motor					Operating motor					
				Power (KW)	Rotation Speed (r/min)	Phases	Voltage (V)	Frequency (Hz)	Power (KW)	Rotation Speed(r/min)	Operating Speed(m/min)	Phases	Voltage (V)	Frequency (Hz)
HHBB0.5-01	0.5	3/9	7.2	1.1	1440	3	380	50	0.4	1440	11/21	3.0	380.0	50
HHBB 1-01	1	3/9	6.8	1.5	1440	3	380	50	0.4	1440	11/21	3.0	380.0	50
HHBB01-02	1	3/9	3.6	1.1	1440	3	380	50	0.4	1440	11/21	3.0	380.0	50
HHBB1.5-01	1.5	3/9	8.8	3.0	1440	3	380	50	0.4	1440	11/21	3.0	380.0	50
HHBB02-01	2	3/9	6.6	3.0	1440	3	380	50	0.4	1440	11/21	3.0	380.0	50
HHBB02-02	2	3/9	3.4	1.5	1440	3	380	50	0.4	1440	11/21	3.0	380.0	50
HHBB2.5-01	2.5	3/9	5.6	3.0	1440	3	380	50	0.75	1440.0	11/21	3.0	380.0	50
HHBB03-01	3	3/9	5.6	3.0	1440	3	380	50	1.75	1440	11/21	3.0	380.0	50
HHBB03-02	3	3/9	4.4	3.0	1440	3	380	50	2.75	1440	11/21	3.0	380.0	50
HHBB03- 03	3	3/9	2.2	1.5	1440	3	380	50	3.75	1440	11/21	3.0	380.0	50
HHBB05-02	5	3/9	2.8	3.0	1440	3	380	50	4.75	1440	11/21	3.0	380.0	50
HHB87.5-03	7.5	3/9	1.8	3.0	1440	3	380	50	5.75	1440.0	11/21	3.0	380.0	50

1. Inspection: Before using the electric chain hoist, thoroughly inspect it for any damages or signs of wear. Check the load chain for any twists, knots, or corrosion. Make sure all the bolts and nuts are tight and secure. Ensure that the electric power supply is adequate for the hoist's requirements.

2. Positioning: Place the hoist in a suitable position for the type of lifting operation required. Ensure that the area is clear of any obstructions that could interfere with the movement of the load.

3. Load attachment: Attach the load to the hoist using appropriate hooks or slings. Ensure that the load is securely fastened and the hoist is properly attached to it.

4. Testing: Test the hoist before using it to lift the load. Run the hoist up and down without any load to check if it is functioning correctly.

5. Lifting: Begin the lifting process, gradually raising the load to the desired height. Check the load's stability throughout the lifting operation. Monitor the hoist's operation, ensuring that it is not overloaded and that the load is lifted within its capacity.

6. Lowering: When lowering the load, ensure that the hoist is not under any undue stress and that there is adequate clearance for the load.

7. Unhooking: After completing the lifting operation, unhook the load from the hoist and switch off the power supply. Store the hoist in a secure and suitable location.

In conclusion, operating an electric chain hoist requires careful attention to safety procedures. Proper training and adherence to safety guidelines are essential to operate an electric chain hoist safely. Follow the steps outlined above to ensure the safe and effective operation of your electric chain hoist.