

ELECTRIC CHAIN HOIST

Five different ratings to satisfy all available ranges

TYPES:

A) FIXED SUSPENSION (FS): Consists four hole mounting plate. Mounting is by allen screws grade 5 and a bracket supporting the hoist

B) HOOK SUSPENSION (HS): It consists of a bracket that supporting the hoist and a rotating hook on the top.

C) MANUAL TRASLATION (MT): Is composed of two vertical plates with two single wheels.

D) TRASLATION BY ELECTRIC MOTOR (ET): Composed of two vertical plates with mount two geared wheels and two single wheels as well as the motor and the speed reducer.

Operating Characteristics

- Incoming 3 phase, 60 Hz 220/440 Volts.
- Control voltage of 24 volts DC (and at manual push but ton control).
- Standard elevation range of 3 meters.

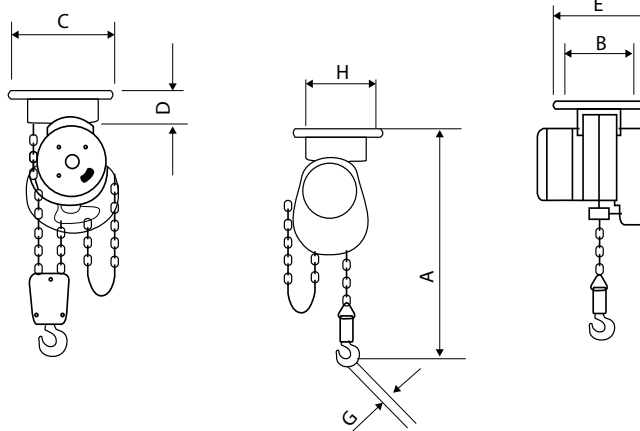
- **RELIABLE**
- **ECONOMICAL**
- **VERSATILE**
- **EASY TO OPERATE**



On special request the hoists can be supplied to allow up to 30 meters elevation for the 1/2 ton and 3/4 ton hoist and up to 15 meters of elevation for the 1, 1 1/2 and 2 ton hoist.

General Specification

Model	Motor Power (HP)	Current at Full Load 220-V	Chain Fall	Elevation Speed (meters/min)	Hoist Weight (Kg)
P-50	3/4	5 A	1	6.8	53
P-75	1	5.8 A	1	6.8	53
P-100	3/4	5 A	2	3.4	56
P-150	1	5.8 A	2	3.4	56
P-200	1.5	6.7 AA	2	3.4	57



Model	Rating	Dimensions MM						
		A	B	C	D	E	G	H
P-50	500 Kg	509	120	160	73	150	30	13/32
P75	750 Kg	524	120	160	73	150	34	13/32
P-100	1000 Kg	587	140	220	73	180	34	17/32
P-150	1500 Kg	593	160	230	76	200	40	21/32
P-200	2000 Kg	658	160	230	76	200	42	21/32

Recommended Beams						
Model	4x2 21/32	5x3	6x321/64	8x4	12x5 1/4	15x5 1/2
	102x68	127x76	152x85	203x102	305x133	381x140
P-50						
P-75						
P-100						
P-150						
P-200						

For beams of other dimensions consult manufacturer

SPEED OF ELECTRIC TROLLEY					
Model	P-50	P-75	P-100	P-150	P-200
Travel Speeds (mts/min)	12	12	10	10	10

ACCESSORIES

HOOK

Made of alloy steel according to DIN-688 standard, with resistance 3 times the normal load capacity. When the load is exceeded, it does not detach, it only opens slowly. The hooks are of 4 different capacities

MODEL

- G-1 to 1/2 ton.
- G-2 to 3/4 and 1 ton.
- G-3 to 1 1/2 ton.
- G-4 to 2 ton.



TROLLEY'S

It do are manufactured for manual and electric operation. At the following capacities:

MANUAL MODEL

- TM-1 Capacity 1 Ton trolley. For, 1/2, 3/4 and 1 Ton.
- TM-2 Capacity 2 Ton trolley. For, 1 1/2 and 2 Ton.

ELECTRIC MODEL

- TE-1 Capacity 1 Ton trolley. For, 1/2, 3/4 and 1 Ton.



MANUAL TRANSLATION TROLLEY

It is formed for 2 vertical plates, equipment with 2 single wheels each one. The plates are joint by two suspension studs. Trolley stabilizer connecting rods are included in the 1 1/2 and 2 ton sizes. The distance between the plates is variable therefore the carriage is adjustable to be used with different sizes of beam.

The manual translation is carried out by a steel cable equipped with an annoying handle, that is next to the control panel. The hoist are supplied with accessory kit and instructions for cas, assembly.

ELECTRIC TRANSLATION TROLLEY.

This type of car consist of two vertical plates on which are assembles two cogwheels and two single wheels, as well as the motor and the speed reducer. This trolley type is adjustable in accordance with the steel beam size.

The car motor turns in both direction and the propulsion of this motor is located in the keypad. The trolley movement speed is 12 mts/min for 1/2 and 3/4 ton hoists; and 10 mts/min for 1, 1 1/2 and 2 ton hoists.

Warning. In all cases the structure and supports must comply with appropriate characteristics to support the load.

CHAIN

Made of alloy steel according to DIN-5684 of Germany manufactured, with resistance of 80 kg/mm² Min. For loads of 1/2 of 1 ton, the chain links are 6 mm in diameter. In lead capacities of 1 1/2 to 2 ton, the chain are 7 mm in diameter.



CONTROL KNOB (BUTTONS)

Single with 2 buttons for lifting and twice with 4 buttons for lifting and trolley.

