AMASPRO INC

AMERICA & ASIA PRODUCTS

ELECTRIC HOISTING EQUIPMENTS









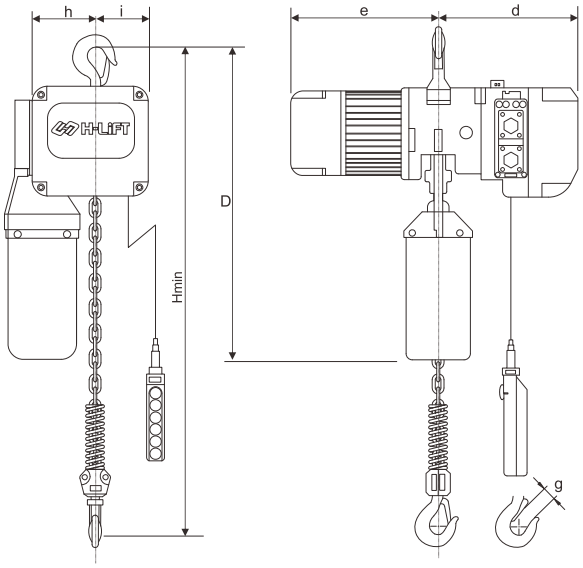


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ELECTRIC HOISTING EQUIPMENTS

ELECTRIC CHAIN HOIST





Features:

- Double safety mechanism consisting of overload slipping clutch and upper-lower limit switch.
- Aluminium die cast body and a canvas chain container.
- Uniquely-designed push button control on the basis of ergonomics.
- Electrical and magnetic DC brake.
- Thermal motor protector.
- Control relay is designed to monitor 3-phase power supplies and to protect motor.
- Drop forged alloy hooks are designed to open gradually and not fracture under excessive loads.
- Single or dual lifting speed.
- Operating voltage, 220/380/440V, 50/60Hz, 1/3PH.
- Control voltage 24V.
- Load chain in accordance with standard EN 818-7.
- Radio remote control(optional).
- Frequency inverter(optional).

ELECTRIC CHAIN HOIST EHB TYPE

Model	Capacity	Lifting Speed		Working Group	Hoist Motor		Duty Rating(ED)		Standard Lift	Load Chain	Load Chain Falls	Proof Load	Hmin	Dimensions(mm)							N.W.	Product Code
	t	m/min			kw				m	mm		kN	mm	h	i	e		d	g	D	kg	
EHB0025	0.25	7.0	7.0/2.3	M5/2m	0.9	0.9/0.3	40%	26.6/13.4%	3	5x15	1	3.06	400	142	102	329	334	307	31	610	52	210100250
EHB0050	0.5	7.6	7.6/2.5	M5/2m	0.9	0.9/0.3	40%	26.6/13.4%	3	6.3x19	1	6.13	410	142	102	329	334	307	31	610	54	210100500
EHB0100	1	5.0	5.0/1.7	M5/2m	1.1	1.1/0.37	40%	26.6/13.4%	3	8x24	1	12.25	460	142	102	329	354	307	38	630	62	210101000
EHB0200	2	2.5	2.5/0.85	M5/2m	1.1	1.1/0.37	40%	26.6/13.4%	3	8x24	2	24.5	650	185	159	329	354	307	45	720	73	210102000
EHB0300	3	6.0	6.0/2.0	M5/2m	3	3/1	40%	26.6/13.4%	3	11.2x34	1	36.75	525	185	165	358	471	336	45	780	124	210103000
EHB0500	5	3.0	3.0/1.0	M5/2m	3	3/1	40%	26.6/13.4%	3	11.2x34	2	61.25	860	240	110	358	471	336	61	870	146	210105000

ELECTRIC CHAIN HOIST



Features:

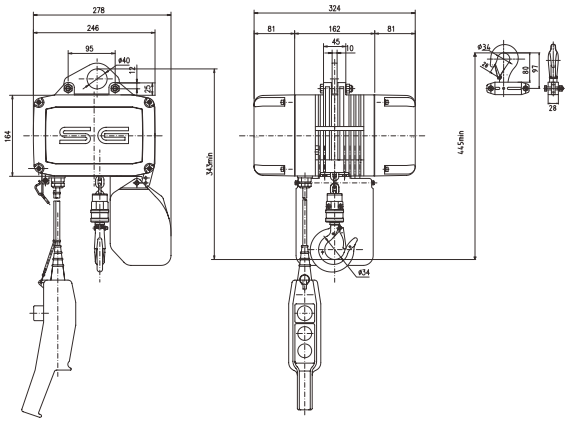
- Aluminium die cast body and a canvas chain container.
- Hinged, removable suspension bracket.
- Low working noise due to helical gears.
- Protection class IP54.
- Brake is positioned after the slip clutch.
- Jamming of the chain excluded due to two parts plastic chain guide and external chain guide plate.
- Geared limit switch: simple adjustment and exact positioning.
- Ergonomic control switch with emergency-stop.
- Operating voltage 220/380/440V, 50/60Hz, 1/3PH
  1PH motor: single speed.
  3PH motor: dual speed.
- Control voltage 24V.
- Drop forged alloy hooks are designed to open gradually and not fracture under excessive loads.
- Thermal motor protector.
- Electrical and magnetic DC brake.
- Load chain in accordance with standard EN 818-7.
- Radio remote control(optional).

ELECTRIC CHAIN HOIST EHD TYPE

Model	Capacity	Standard Lift	Proof Load	Lifting Speed		Hoist Motor		Duty Class	Load Chain	Load Chain Falls	Product Code
				Single Speed	Dual Speed	Single Speed	Dual Speed				
	kg	m	kg	m/min		kw			mm		
EHD0020S	200	3	250	20	20/5	0.8	0.8/0.2	M3	5X15	1	210200200
EHD0032S	320	3	400	12.5	12.5/3	0.8	0.8/0.2	M3	5X15	1	210200320
EHD0050S	500	3	625	8	8/2	0.8	0.8/0.2	M3	5X15	1	210200500
EHD0040D	400	3	500	10	10/2.5	0.8	0.8/0.2	M3	5X15	2	210200400
EHD0063D	630	3	788	6.3	6.3/1.5	0.8	0.8/0.2	M3	5X15	2	210200630
EHD0100D	1000	3	1250	4	4.0/1	0.8	0.8/0.2	M3	5X15	2	210201000

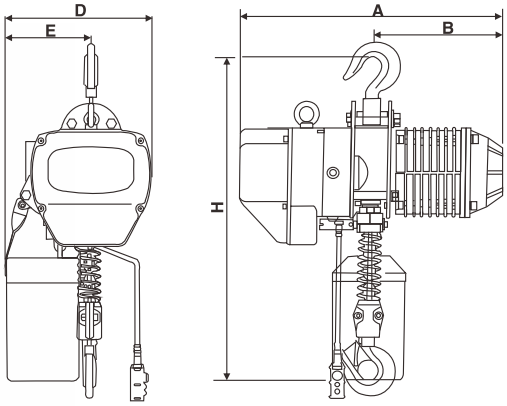
Selection table

Duty Class	M3	M4	M5	M6	M7
Starts per Hour	150	180	240	300	360
Duty Rating	25%	30%	40%	50%	60%
EHD0020S	200	160	125	100	80
EHD0032S	320	250	200	160	125
EHD0050S	500	400	320	250	200
EHD0040D	400	320	250	200	160
EHD0063D	630	500	400	320	250
EHD0100D	1000	800	630	500	400



ELECTRIC CHAIN HOIST





Features:

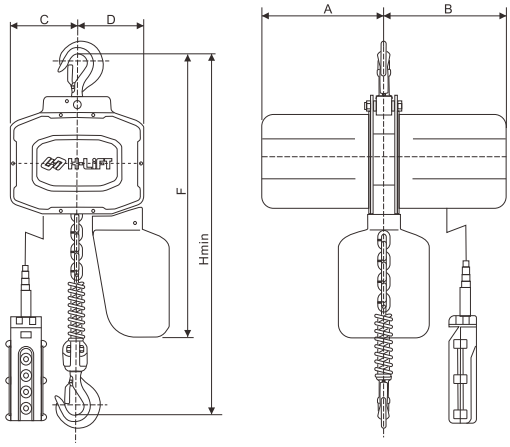
- The aluminum motor housing is lightweight and provides good dissipation of heat.
- The fast acting magnetic brake is automatically activated when the power supply is interrupted.
- The limit switches restrict vertical travel and help to prevent the chain jamming or detaching thus ensuring safety.
- Chinese load chain or imported load chain in accordance with EN 818-7.
- The forged bottom hook can rotate 360 ° to ensure that the load chain does not twist and is fitted with a safety latch.
- The 24/36V transformer ensures that the user isn't injured if there be a power leakage from the control pendant.
- Negative phase protection. The motor will not run if the power is incorrectly wired.
- Light weight, durable and water proof pendant control.
- Radio remote control(optional).

ELECTRIC CHAIN HOIST EHK TYPE

Model	Capacity	Work Group	Lifting Speed	Hoist Motor	Load Chain	Load Chain Falls	Proof Load	Hmin	Dimensions(mm)				N. W.	Product Code
	t		m/min	kw	mm		kN	mm	A	B	D	E	kg	
EHK005S	0.5	1Am/M4	7.2/2.4	1.1/0.37	6.3	1	6.13	530	460	230	288	165	39	210300500
EHK010S	1	1Am/M4	6.8/2.3	1.5/0.5	7.1	1	12.25	650	520	260	300	176	51	210301001
EHK010D	1	1Am/M4	3.6/1.2	1.1/0.37	6.3	2	12.25	680	460	230	288	165	45	210301002
EHK020S	2	1Am/M4	6.6/2.2	3.0/1.0	10	1	24.5	800	615	295	430	265	98	210302001
EHK020D	2	1Am/M4	3.4/1.1	1.5/0.5	7.1	2	24.5	835	520	260	300	236	55	210302002
EHK030S	3	1Am/M4	5.6/1.9	3.0/1.0	11.2	1	36.75	845	615	295	430	265	103	210303001
EHK030D	3	1Am/M4	3.3/1.1	3.0/1.0	10	2	36.75	950	615	295	430	320	113	210303002
EHK030T	3	1Am/M4	2.2/0.7	1.5/0.5	7.1	3	36.75	950	520	260	350	205	72	210303003
EHK050D	5	1Am/M4	2.8/0.9	3.0/1.0	11.2	2	61.25	1030	615	295	430	325	125	210305000
EHK075T	7.5	1Am/M4	1.8/0.6	3.0/1.0	11.2	3	91.88	1380	615	295	505	320	180	210307500

ELECTRIC CHAIN HOIST





Features:

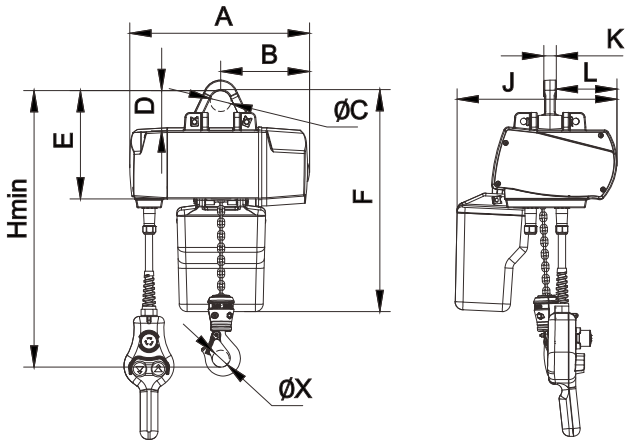
-Heavy duty, robust all steel construction housing, reliable & cost-efficient hoist.
-Double safety mechanism consisting of overload slipping clutch and upper-lower limit switch.
-Drop forged alloy hooks are designed to open gradually and not fracture under excessive loads.
-Protection class IP54.
-Single or dual lifting speed.
-Operating voltage 220/380/440V, 50/60Hz, 1/3PH.
-Control voltage 24V.
-Pendant control with emergency stop button.
-Load chain in accordance with standard EN 818-7.
-Radio remote control(optional).

ELECTRIC CHAIN HOIST EHCII TYPE

Model	Capacity	Standard Lift	Lifting Speed		Hoist Motor		Load Chain	Load Chain Falls	Proof Load	Hmin	Dimensions(mm)					N.W.	Extra Weight per Meter	Product Code
	t	m	m/min		kw		mm		kN	mm	A	B	C	D	F	kg	kg	
EHCII005	0.5	3	6.3	5.2/1.7	0.8	0.8/0.25	7.1x21	1	6.13	545	249	249	168	146	640	64	1.1	210400500
EHCII010	1.0	3	6.3	5.2/1.7	1.6	1.2/0.4	7.1x21	1	12.25	580	249	249	168	146	640	65	1.1	210401000
EHCII020	2.0	3	3.2	2.6/0.85	1.6	1.2/0.4	7.1x21	2	24.5	740	249	249	134	180	675	72	2.2	210402000
EHCII030	3.0	3	2.1	1.7/0.58	1.6	1.2/0.4	7.1x21	3	36.75	790	249	249	100	214	658	80	3.3	210403000
EHCII050	5.0	3	1.3	1.0/0.35	1.6	1.2/0.4	7.1x21	5	61.25	950	249	249	190	309	703	135	5.5	210405000

ELECTRIC CHAIN HOIST





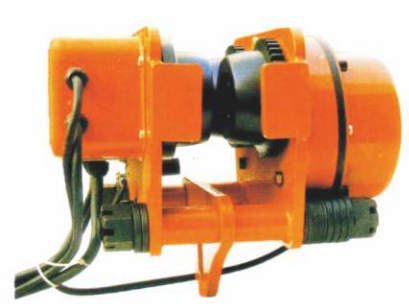
Features:

- Hinged, removable suspension bracket.
- Overload protection by slipping clutch.
- Protection class IP 54, Insulation class F.
- Dual lifting speed as standard.
- Operating voltage 220/380/440V, 50/60Hz, 1/3PH.
- Control voltage 24V.
- Pendant control with emergency stop button, protection class IP 65.
- Load chain in accordance with standard EN818-7.
- The connection between power supply and control cable is based on aviation plug and socket.
- The electric control system use wear-free semiconductor technology, which is compact and light weight.

ELECTRIC CHAIN HOIST EHE TYPE

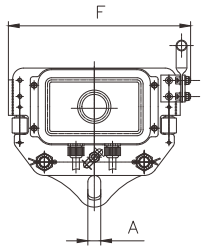
Model	Capacity	Standard Lift	Lifting Speed	Hoist Motor	Rating	Load Chain Size	Load Chain Falls	Working Group	Proof Load	Dimensions(mm)											N.W.	Product Code
	kg	m	m/min	kw	%	mm			kN	A	B	C	D	E	F	Hmin	J	L	K	X	kg	
EHE0125S	125	3	20/5	0.7/0.17	26.6/13.4	4X12	1	M5	1.53	345	170	40	77	208	425	357	306	116	24	24	22	210500125
EHE0250S	250	3	8/2	0.7/0.17	26.6/13.4	4X12	1	M5	3.06	345	170	40	77	208	425	357	306	116	24	24	22	210500250
EHE0500S	500	3	6/1.5	0.7/0.17	26.6/13.4	5X15	1	M5	6.13	345	170	40	77	208	425	388	306	116	24	27	22.6	210500500
EHE1000D	1000	3	3/0.75	0.7/0.17	20/10	5X15	2	M4	12.25	345	170	40	77	208	425	395	306	116	24	29	26.5	210501002
EHE1000S	1000	3	8/2	1.9/0.45	26.6/13.4	7X21	1	M5	12.25	458	204	40	77	263	528	519	427	177	24	45	47.5	210501001
EHE2000D	2000	3	4/1	1.9/0.45	26.6/13.4	7X21	2	M5	24.5	458	204	40	77	263	528	544	427	177	24	45	52.6	210502000

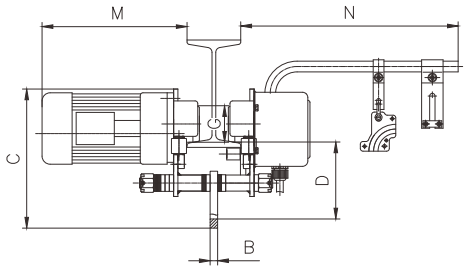
ELECTRIC TROLLEY



Features:

- Compact, robust frame with low overall height.
- Motors protected to IP 54 against dust and spray water.
- Wheels manufactured from fracture-proof steel.
- Smooth running due to machined surfaces and ball bearing mounting.
- Cambered profile suitable for parallel and inclined beam profiles.
- Easy adjusted to fit a wide range of beam widths and profiles due to threaded spindles.
- Single or dual travelling speed.

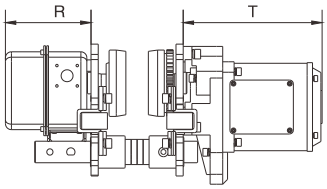


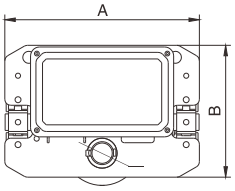


ELECTRIC TROLLEY ETA TYPE

Model	Capacity	Travelling Speed	Motor Power	Beam Range	Dimensions(mm)								N.W.	Product Code
	t	m/min	kw	mm	A	B	C	D	F	G	M	N	kg	
ETA010	1	13.5 20/6.7	0.2 0.2/0.67	74 -140	30	14	260	145	340	68	310 336	405	26 33	220101000
ETA020	2	13.5 20/6.7	0.4 0.4/0.13	74 -140	30	14	280	140	340	75	312 338	410	36 40	220102000
ETA030	3	13.5 18/6	0.4 0.4/0.13	100 -170	36	16	340	210	370	96	314 340	410	52 56	220103000
ETA050	5	13.5 18/6	0.75 0.75/0.25	100 -170	40	22	380	205	410	110	360 410	410	68 76	220105000







ELECTRIC TROLLEY ETK TYPE

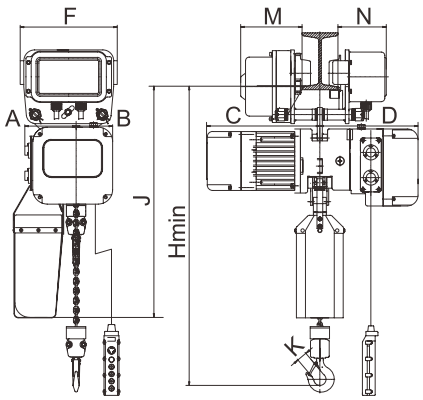
Model	Capacity	Travelling Speed	Motor Power	Beam Range	Dimensions(mm)				Product Code
	t	m/min	kw	mm	A	B	R	T	
ETK005	0.5	11	0.12	75-125	185	195	110	150	220200500
ETK010	1	11	0.4	68-153	315	205	142	231	220201000
ETK020	2	11	0.4	82-178	325	217	142	231	220202000
ETK030	3	11	0.75	100-178	340	250	142	231	220203000
ETK050	5	11	0.75	112-178	400	291	142	231	220205000
ETK075	7.5	11	0.75	112-178	400	291	142	231	220207500
ETK100	10	11	0.75	150-220	500	371	142	231	220210000

ELECTRIC HOIST WITH TROLLEY



Features:

- Double safety mechanism consisting of overload slipping clutch and upper-lower limit switch.
- Aluminium die cast body and a canvas chain container.
- Uniquely-designed push button control on the basis of ergonomics.
- Electrical and magnetic DC brake.
- Thermal motor protector.
- Control relay is designed to monitor 3-phase power supplies and to protect motor.
- Drop forged alloy hooks are designed to open gradually and not fracture under excessive loads.
- Single or dual lifting speed and travelling speed.
- Operating voltage, 220/380/440V, 50/60Hz, 1/3PH.
- Control voltage, 24V, 36V or 48V.
- Load chain in accordance with standard EN 818-7.
- Radio remote control(optional).
- Frequency inverter(optional).



ELECTRIC CHAIN HOIST WITH TROLLEY EHBT TYPE

Model	Capacity	Lifting Speed	Hoist Motor	Work Group	Duty Rating (ED)		Standard Lift	Load Chain	Load Chain Falls	Proof Load	Travelling Speed		Travelling Motor	Beam Range
	t	m/min	kw				m	mm		kN	m/min		kw	mm
EHBT0025	0.25	7.0/2.3	0.9/0.3	2m/M5	40%	26.6%/13.4%	3	5x15	1	3.06	13.5	20/6.7	0.2/0.067	74-140
EHBT0050	0.5	7.6/2.5	0.9/0.3	2m/M5	40%	26.6%/13.4%	3	6.3x19	1	6.13	13.5	20/6.7	0.2/0.067	74-140
EHBT0100	1	5.0/1.7	1.1/0.37	2m/M5	40%	26.6%/13.4%	3	8x24	1	12.25	13.5	20/6.7	0.2/0.067	74-140
EHBT0200	2	2.5/0.85	1.1/0.37	2m/M5	40%	26.6%/13.4%	3	8x24	2	24.5	13.5	20/6.7	0.4/0.13	74-140
EHBT0300	3	6.0/2.0	3.0/1.0	2m/M5	40%	26.6%/13.4%	3	11.2x34	1	36.75	13.5	18/6	0.4/0.13	100-170
EHBT0500	5	3.0/1.0	3.0/1.0	2m/M5	40%	26.6%/13.4%	3	11.2x34	2	61.25	13.5	18/6	0.75/0.25	100-170

Model	Hmin	Dimensions(mm)											N.W.	Product Code
		A	B	C		D	F	J	K	M		N		
				Single Speed	Dual Speed					Single Speed	Dual Speed			
	mm												kg	
EHBT0025	398	142	102	319	329	273	340	650	31	310	336	135	71	230100250
EHBT0050	398	142	102	319	329	273	340	650	31	310	336	135	72	230100500
EHBT0100	460	142	102	319	349	273	340	650	38	310	336	135	76	230101000
EHBT0200	650	185	159	319	349	273	340	650	45	312	338	135	97	230102000
EHBT0300	525	185	165	358	471	336	370	810	45	314	340	140	154	230103000
EHBT0500	860	240	110	358	471	336	410	850	61	360	410	142	192	230105000

ELECTRIC WIRE ROPE HOIST



LOW HEADROOM ELECTRIC WIRE ROPE HOIST WHL-D TYPE

Features:

- Electronic unit

Schneider contactor.
Over current protection for motors, phase fault & phase sequence protection to avoid fatal failures.
Three phase voltage 380-415v,50hz(440-480v,60hz).
Control voltage 48V.
Sturdy and durable control panel, Protection class IP54.

- Travelling driving unit

Two direct drive cross travel motors.
Hoist trolleys are fitted with four flanged wheels with permanently lubricated roller bearings, designed for use on tracks with parallel flanges or inclined flanges.
Sturdy pole change aluminium alloy motors with cylindrical rotors and integrated safety brakes. 30% rotational efficiency higher than traditional coupling.
Protection class IP55; insulation class F.

- Hook Assembly

Long service life and high safety levels are outstanding features of the resilient annealed steel rollers with machined rope grooves and annealed load hooks.

- Rope guider

A resilient low-friction plastic rope guide designed as an expanding ring provides positive guidance for the rope. The rope guide also reduces wear on the rope and rope drum. It is also easy to install, reducing maintenance requirements for the unit as a whole.

- Hoisting drive unit

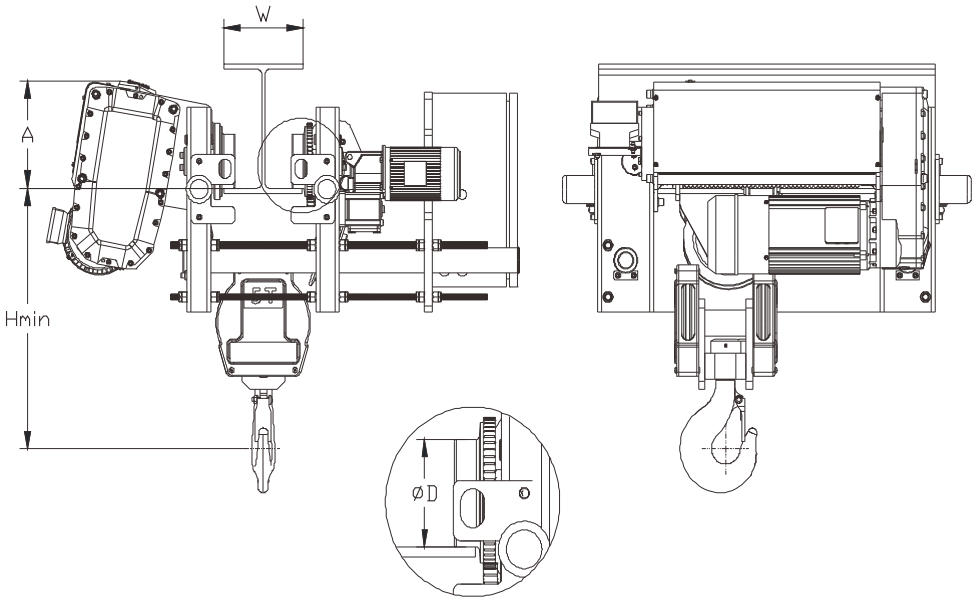
Lightweight gear units with silent running flat bevelled gears deliver the torque required.
Protection class IP55; insulation class F.
Sturdy pole change aluminium alloy motors with cylindrical rotors and integrated safety brakes.
With thermal protection device and overload protection device.
Cam limit switch is provided for lifting the Up and Down motion. Up position is factory set while Down position is easy to set at site.
The dual-disk electromagnetic DC brake features automatic braking in the event of a power failure. Asbestos free brake linings designed for approx. 1 million braking operations make for long maintenance intervals.

- Drum and Wire Rope

Drum is made from seamless steel pipe. High precision machine grooves effectively extend service life of wire rope.
Heavy duty galvanized wire rope with tensile strength 2160N/mm².

- Frequency inverter for lifting or travelling (optional).
- Remote control(optional).

ELECTRIC WIRE ROPE HOIST

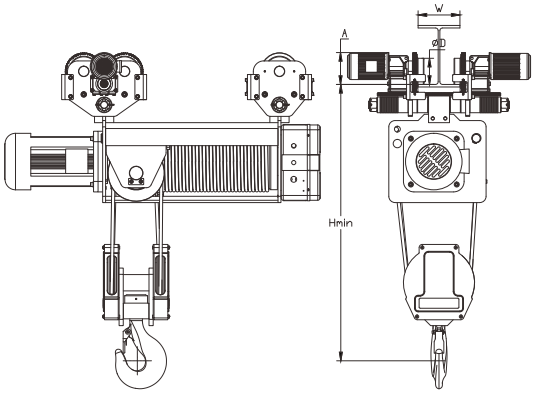


LOW HEADROOM ELECTRIC WIRE ROPE HOIST WHL-D TYPE

Model	Capacity	Working Group	Rope Reeving	Lifting Speed	Lifting Motor	Travelling Speed	Travelling Motor	Rail Width Range W(mm)		Rope Diameter	Wheel Diameter D	A	Hmin	Lifting Height	Product Code
	t			m/min	kw	m/min	kw	I-Beam	H-Beam	mm	mm	mm	mm	m	
WHL-D2	1	M7	2/1	10/1.6	3.2/0.45	20/5	2*0.37/0.1	100-180	100-400	7	100	220	600	12/18/24/30	240102010
	1.25	M6	2/1	10/1.6											240102013
	1.6	M5	2/1	10/1.6											240102016
	2	M7	4/1	5/0.8									510	6/9/12/15	240102020
	2.5	M6	4/1	5/0.8											240102025
	3.2	M5	4/1	5/0.8											240102032
WHL-D3	2	M6	2/1	10/1.6	6.0/0.9	20/5	2*0.37/0.1	110-180	110-460	9	125	249	700	12/18/24/30	240103020
	2.5	M5	2/1	10/1.6											240103025
	3.2	M4	2/1	10/1.6											240103032
	4	M6	4/1	5/0.8									600	6/9/12/15	240103040
	5	M5	4/1	5/0.8											240103050
	6.3	M4	4/1	5/0.8											240103063
WHL-D4	4	M6	2/1	10/1.6	9.5/1.5	20/5	2*0.37/0.1	120-180	120-460	13	150	336	900	12/18/24/30	240104040
	5	M5	2/1	10/1.6											240104050
	6.3	M4	2/1	10/1.6	12.5/1.9										240104063
	8	M6	4/1	5/0.8	9.5/1.5		2*0.75/0.18						800	6/9/12/15	240104080
	10	M5	4/1	5/0.8											240104100
	12.5	M4	4/1	5/0.8	12.5/1.9										240104125

ELECTRIC WIRE ROPE HOIST





Features:

- DC Brake

New design of DC brake electromagnetic motor disc system works precisely and synchronously with motors, and with a rectifier for trouble free, rapid reaction with low noise & durable wear.

- Motor

Highly efficiently squirrel cage motor are quiet, small volume, light weight. Protection class IP54. Insulation class F.
With thermal protection device.

- Control Panel

Schneider contactor.
Sturdy and durable control panel, protection class IP54.
Over current protection for motors, phase fault & phase sequence protection to avoid fatal failures.
Three phase voltage 380-415v, 50hz(440-480v,60hz), control voltage 48V.

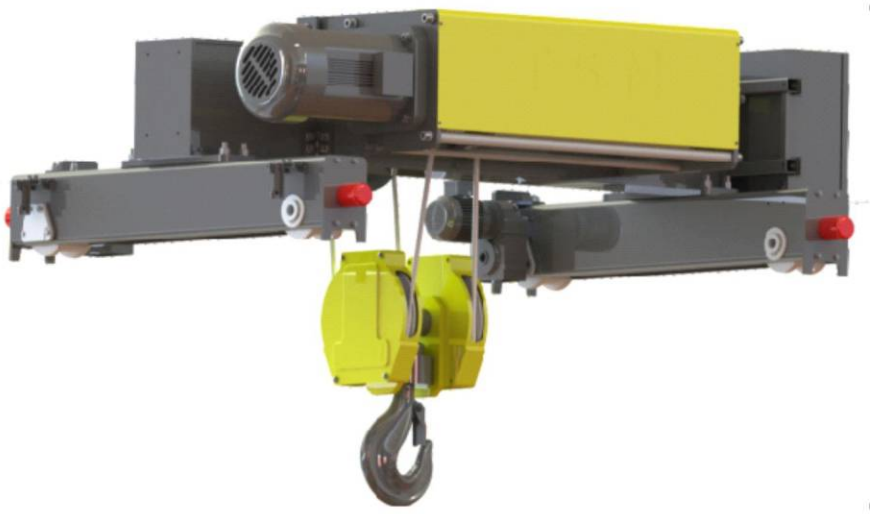
- Gearbox

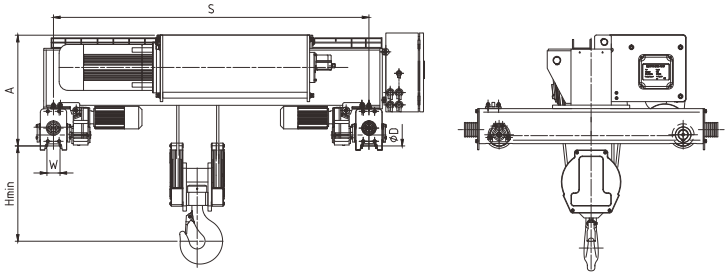
Hoist reduction gear system are made of alloy steel with surface harden treatment for long lasting life span. The planetary gearbox has advantages of light weight, compact size, high efficiency, stable operation and low noise.
Overload protection fitted as standard for increased safety.
Operation via pendant control handset complete with emergency stop button.
- Frequency inverter for lifting or travelling (optional).
- Remote control (optional) .

ELECTRIC WIRE ROPE HOIST WHT-B TYPE

Model	Capacity	Working Group	Rope Reeving	Lifting Speed	Lifting Motor	Travelling Speed	Travelling Motor	Rail Width Range W (mm)		Wire Rope Diameter	Wheel Diameter D	A	Hmin	Lifting Height	Product Code
	t			m/min	kw	m/min	kw	I-Beam	H-Beam	mm	mm	mm	mm	m	
WHT-B4	1.6	M4	2/1	9/2.2	3/0.8	20/5	0.37/0.1	100-180	100-420	8	100	157	1050	9/12/18/24/30	240204016
	3	M4	4/1	4.5/1.1	3/0.8	20/5	0.37/0.1	100-180	100-420	8	100	157	1000	6/9/12/15	240204030
WHT-B5	3	M4	2/1	8/2	4.5/1.1	20/5	0.37/0.1	100-180	100-420	11	100	157	1200	9/12/18/24/30	240205030
	6.3	M4	4/1	4/1	4.5/1.1	20/5	0.75/0.18	110-180	110-420	11	100	157	1100	6/9/12/15	240205063
WHT-B6	5	M4	2/1	8/2	7.5/2	20/5	0.75/0.18	110-180	110-420	15	100	157	1300	9/12/18/24/30	240206050
	10	M4	4/1	4/1	7.5/2	20/5	0.75/0.18*2	120-180	120-460	15	125	160	1300	6/9/12/15	240206100
	10	M4	2/1	7/1.8	13/3.4	20/5	0.75/0.18*2	120-180	120-460	18	125	160	1450	9/12/18/24/30	240207100
	20	M4	4/1	3.5/0.9	13/3.4	20/5	0.75/0.18*2	130-180	130-300	18	150	180	1400	6/9/12/15	240207200

ELECTRIC WIRE ROPE HOIST

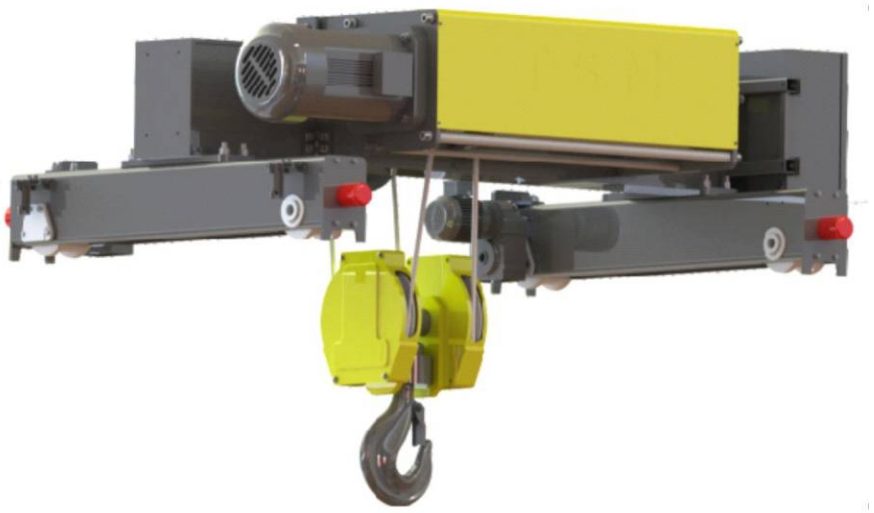


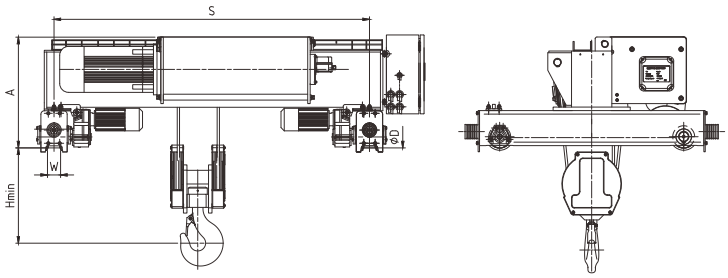


DOUBLE GIRDER ELECTRIC WIRE ROPE HOIST WHD-B TYPE

Model	Capacity	Working Group	Rope Reeving	Lifting Speed	Lifting Motor	Travelling Speed	Travelling Motor	Wheel Diameter D	Hmin	A	W	Rail Gauge S	Lifting Height	Drum Diameter	Rope Diameter	Product Code
	t			m/min	kw	m/min	kw	mm	mm	mm	mm	mm	m	mm	mm	
WHD-B5	3	M4	2/1	8/2	4.5/1.1	0-20	2*0.37	125	450	550	65	1200-2000	12-30	247	11	240505030
	6.3	M4	4/1	4/1				125	350	550	65	1200-2000	6-15			240505063
WHD-B6	5	M4	2/1	8/2	7.5/2	0-20	2*0.37	125	600	650	65	1400-2300	12-30	275	15	240506050
	10	M4	4/1	4/1			2*0.55	125	500	650	65	1400-2300	6-15			240506100
WHD-B7	10	M4	2/1	7/1.8	13/3.4	0-20	2*0.55	125	750	780	65	1400-2600	9-36	327	18	240507100
	20	M4	4/1	3.5/0.9			2*1.1	160	750	800	75	1400-2600	6-18			240507200
	20	M4	8/2	3.5/0.9			2*1.1	160	900	800	75	1700-3000	9-18		11	240507202
	30	M4	12/2	2.3/0.6			2*1.5	200	1200	900	85	1700-3000	6-12			240507300
WHD-B9	16	M4	2/1	6/1.5	18.5/4.6	0-20	2*0.75	160	1000	1000	75	1700-3000	12-45	405	20	240509160
	32	M4	4/1	3/0.75			2*1.5	200	1000	1100	85	1700-3000	6-22.5			240509320
	32	M4	8/2	3/0.75			2*1.5	200	900	1100	85	2000-3400	9-22.5		15	240509322
	48	M4	12/2	2/0.5			2*2.2	250	1500	1200	90	2000-3400	6-15			240509480

ELECTRIC WIRE ROPE HOIST

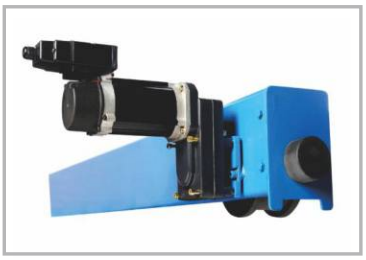


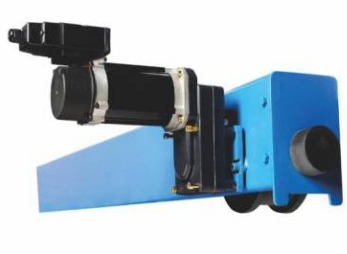


DOUBLE GIRDER ELECTRIC WIRE ROPE HOIST WHD-B TYPE

Model	Capacity	Working Group	Rope Reeving	Lifting Speed	Lifting Motor	Travelling Speed	Travelling Motor	Wheel Diameter D	Hmin	A	W	Rail Gauge S	Lifting Height	Drum Diameter	Rope Diameter	Product Code
	t			m/min	kw	m/min	kw	mm	mm	mm	mm	mm	m	mm	mm	
WHD-B5	3	M4	2/1	8/2	4.5/1.1	0-20	2*0.37	125	450	550	65	1200-2000	12-30	247	11	240505030
	6.3	M4	4/1	4/1				125	350	550	65	1200-2000	6-15			240505063
WHD-B6	5	M4	2/1	8/2	7.5/2	0-20	2*0.37	125	600	650	65	1400-2300	12-30	275	15	240506050
	10	M4	4/1	4/1			2*0.55	125	500	650	65	1400-2300	6-15			240506100
WHD-B7	10	M4	2/1	7/1.8	13/3.4	0-20	2*0.55	125	750	780	65	1400-2600	9-36	327	18	240507100
	20	M4	4/1	3.5/0.9			2*1.1	160	750	800	75	1400-2600	6-18			240507200
	20	M4	8/2	3.5/0.9			2*1.1	160	900	800	75	1700-3000	9-18		11	240507202
	30	M4	12/2	2.3/0.6			2*1.5	200	1200	900	85	1700-3000	6-12			240507300
WHD-B9	16	M4	2/1	6/1.5	18.5/4.6	0-20	2*0.75	160	1000	1000	75	1700-3000	12-45	405	20	240509160
	32	M4	4/1	3/0.75			2*1.5	200	1000	1100	85	1700-3000	6-22.5			240509320
	32	M4	8/2	3/0.75			2*1.5	200	900	1100	85	2000-3400	9-22.5		15	240509322
	48	M4	12/2	2/0.5			2*2.2	250	1500	1200	90	2000-3400	6-15			240509480

END CARRIAGE FOR SINGLE GIRDER





End Carriage Model	Application of Crane Model	Max. Static Wheel Load	Motor	Wheel Diameter	Wheel Distance	Crane Speed	Product Code
		kN		mm	m	m/min	
EC11-12	LD1t-8m	9	GES3-0.3kW	110	1.2	32	280111120
EC11-17	LD1t-12m	11	GES3-0.3kW	110	1.7	32	280111170
EC11-22	LD1t-16m	14	GES3-0.3kW	110	2.2	32	280111220
EC11-27	LD1t-19m	15	GES3-0.3kW	110	2.7	32	280111270
EC16-32	LD1t-23m	19	GES3-0.65kW	160	3.2	32	280116320
EC16-37	LD1t-26m	22	GES3-0.65kW	160	3.7	32	280116370
EC11-12	LD2t-8m	14	GES3-0.3kW	110	1.2	32	280111120
EC11-17	LD2t-12m	16	GES3-0.3kW	110	1.7	32	280111170
EC11-22	LD2t-16m	19	GES3-0.3kW	110	2.2	32	280111220
EC11-27	LD2t-19m	22	GES3-0.3kW	110	2.7	32	280111270
EC16-32	LD2t-23m	24	GES3-0.65kW	160	3.2	32	280116320
EC16-37	LD2t-26m	28	GES3-0.65kW	160	3.7	32	280116370
EC11-12	LD3t-8m	20	GES3-0.3kW	110	1.2	32	280111120
EC11-17	LD3t-12m	22	GES3-0.3kW	110	1.7	32	280111170
EC11-22	LD3t-16m	25	GES3-0.3kW	110	2.2	32	280111220
EC11-27	LD3t-19m	26	GES3-0.3kW	110	2.7	32	280111270
EC16-32	LD3t-23m	30	GES3-0.65kW	160	3.2	32	280116320
EC16-37	LD3t-26m	34	GES3-0.65kW	160	3.7	32	280116370
EC11-12	LD5t-8m	29	GES3-0.3kW	110	1.2	32	280111120
EC11-17	LD5t-12m	31	GES3-0.3kW	110	1.7	32	280111170
EC16-22	LD5t-16m	35	GES3-0.65kW	160	2.2	32	280116220
EC16-27	LD5t-19m	38	GES3-0.65kW	160	2.7	32	280116270
EC16-32	LD5t-23m	42	GES3-0.65kW	160	3.2	32	280116320
EC20-37	LD5t-26m	44	GES4-0.65kW	200	3.7	32	280120370
EC16-12	LD6.3t-8m	36	GES3-0.65kW	160	1.2	32	280116120
EC16-17	LD6.3t-12m	39	GES3-0.65kW	160	1.7	32	280116170
EC16-22	LD6.3t-16m	42	GES3-0.65kW	160	2.2	32	280116220
EC16-27	LD6.3t-19m	45	GES3-0.65kW	160	2.7	32	280116270
EC16-32	LD6.3t-23m	49	GES3-0.65kW	160	3.2	32	280116320
EC20-37	LD6.3t-26m	52	GES4-0.65kW	200	3.7	32	280120370
EC16-12	LD7.5t-8m	42	GES3-0.65kW	160	1.2	32	280116120
EC16-17	LD7.5t-12m	46	GES3-0.65kW	160	1.7	32	280116170
EC20-22	LD7.5t-16m	50	GES4-0.65kW	200	2.2	32	280120220
EC20-27	LD7.5t-19m	52	GES4-0.65kW	200	2.7	32	280120270
EC20-32	LD7.5t-23m	56	GES4-0.65kW	200	3.2	32	280120320
EC25-36	LD7.5t-26m	62	GES4-0.65kW	250	3.6	32	280125360
EC16-12	LD10t-8m	54	GES3-0.65kW	160	1.2	32	280116120
EC16-17	LD10t-12m	58	GES3-0.65kW	160	1.7	32	280116170
EC20-22	LD10t-16m	62	GES4-0.65kW	200	2.2	32	280120220
EC20-27	LD10t-19m	66	GES4-0.65kW	200	2.7	32	280120270
EC20-32	LD10t-23m	70	GES4-0.65kW	200	3.2	32	280120320
EC25-36	LD10t-26m	75	GES4-0.65kW	250	3.6	32	280125360

MINI ELECTRIC WIRE ROPE HOIST



Mini electric wire rope hoist is designed for powerful and reliable lifting of small engines, transmissions, large shop tools and more perfect for the garage, shop, farm or job site.

Features:

- Designed for safety, the stop bracket automatically shuts down the hoist if the line blocker begins to pull it upwards. This prevents the wire cable from retracting too far on the spool and damaging the spool, cable or hoist.
- Operation via pendant control handset complete with emergency stop button.
- Non-rotating wire rope.
- With copper motor, which has good electrical conductivity.
- With a thermal protection device on the motor for added safety.
- Motors protected to IP 54 against dust and spray water.
- Hoist frame(optional).
- Remote control(optional).

MINI ELECTRIC WIRE ROPE HOIST EWH TYPE

Model	Capacity	Lifting Speed	Lifting Height	Input Power	Rated Voltage	QTY/CTN	Packing Size	G.W./N.W. (CTN)	Product Code
	kg	m/min	m	w		pcs	mm	kg	
EWH0200	100/200	10/5	12/6	480	AC 220/230/240v,1 Phase, 50/60Hz	2	470x370x160	24/22	250100200
EWH0250	125/250	10/5	12/6	540		2	470x370x160	24/22	250100250
EWH0300	150/300	10/5	12/6	600		2	470x370x160	24/22	250100300
EWH0400	200/400	10/5	12/6	950		2	520x450x170	36/34	250100400
EWH0500	250/500	10/5	12/6	1020		2	520x450x170	36/34	250100500
EWH0600	300/600	8/4	12/6	1200		2	520x450x170	36/34	250100600
EWH0800	400/800	8/4	12/6	1300		2	520x450x170	38/36	250100800
EWH1000	500/1000	8/4	12/6	1600		1	560x250x350	33/32	250101000
EWH1200	600/1200	8/4	12/6	1800		1	560x250x350	33/32	250101200



Features:

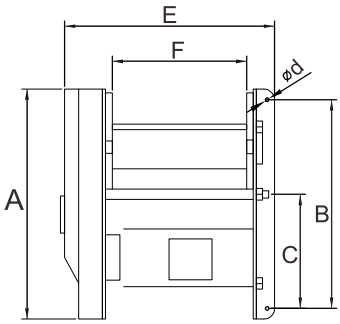
- With built in upper and lower limit switches. Certified by CE, GS, EMC & RoHS.
- Designed for safety, the stop bracket automatically shuts down the hoist if the line blocker begins to pull it upwards. This prevents the wire cable from retracting too far on the spool and damaging the spool, cable or hoist.
- With copper motor, which has good electrical conductivity.
- Operation via pendant control handset complete with emergency stop button.
- Non-rotating wire rope.
- With a thermal protection device on the motor for added safety.
- Motors protected to IP 54 against dust and spray water.
- Hoist frame(optional).
- Remote control(optional).

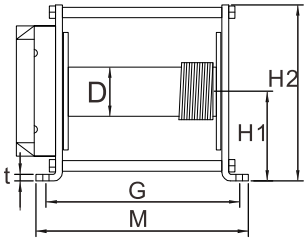
MINI ELECTRIC WIRE ROPE HOIST EWH-E TYPE

Model	Capacity	Lifting Speed	Lifting Height	Input Power	Rated Voltage	QTY/CTN	Packing Size	G.W./N.W. (CTN)	Product Code
	kg	m/min	m	w		pcs	mm	kg	
EWH0200E	100/200	10/5	12/6	480	AC 220/230/240v,1 Phase, 50/60Hz	2	490x425x155	24/22	250200200
EWH0250E	125/250	10/5	12/6	540		2	490x425x155	24/22	250200250
EWH0300E	150/300	10/5	12/6	600		2	490x425x155	24/22	250200300
EWH0400E	200/400	10/5	12/6	950		2	525x480x165	36/34	250200400
EWH0500E	250/500	10/5	12/6	1020		2	525x480x165	36/34	250200500
EWH0600E	300/600	8/4	12/6	1200		2	525x480x165	36/34	250200600
EWH0800E	400/800	8/4	12/6	1300		2	540x505x170	38/36	250200800
EWH1000E	500/1000	8/4	12/6	1600		1	620x240x350	33/32	250201000

ELECTRIC WINCH & CRANE ACCESSORIES







Features:

- The extremely compact, practical cube design and universal rope lead-offs allow individual applications in almost any position and this makes them powerful aids for lifting and pulling loads.
- Compact dimensions due to internal brake motor.
- Spur gear transmission with helical first gear - ensures smooth motion.
- Spring pressure disc brake incorporated in the motor holds the load securely even in the event of a power failure.
- A plain rope drum is supplied as standard.
- The rope is secured to the drum in a recess, so that the rope can be wound onto the drum in several layers without damage.
- Low voltage pendant control is supplied as standard. Protection class: IP65

ELECTRIC WINCH EWA TYPE

Model	Capacity	Lifting Height	Lifting Speed	Rope	Power Supply	Dimensions(mm)												N.W.	Product Code
	kg	m	m/min	mm		A	B	C	D	d	E	F	G	H1	H2	M	t	kg	
EWA250-15	250	58	30	5	230v/1ph/50hz	436	295	--	83	13	380	265	322	147	305	345	8	65	260125015
EWA500-15	500	58	20	6		520	480	240	122	15	415	270	338	188	372	370	10	107	260150015
EWA250-30	250	58	30	5	400v/3ph/50hz	436	295	--	83	13	380	265	322	147	305	345	8	65	260125030
EWA500-30	500	58	20	6		520	480	240	122	15	415	270	338	188	372	370	10	107	260150030

CRANE ACCESSORIES

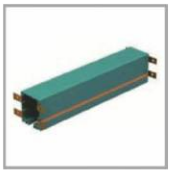
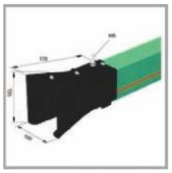
Remote Control



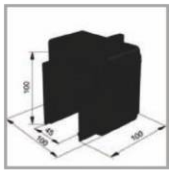




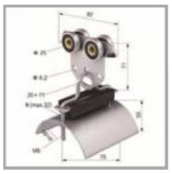

Conductor System





Festoon System

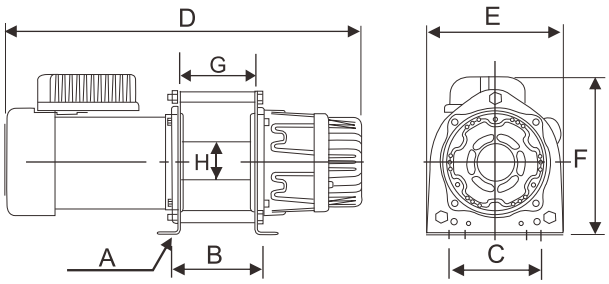







ELECTRIC WINCH





Features:

- Precision engineered, ruggedly constructed for many hoisting and pulling operations.
- Heat-treated planetary gear with bearings.
- Compact and efficient gear box.
- With full-depth spur gear planetary reductions.
- Brake designed for both static and dynamic loading automatically apply in the event of power loss.
- Low voltage push button control supplied as standard on three phase models.

ELECTRIC WINDLASS EWW TYPE

Model	Capacity	Rated Speed	Lifting Height	Wire Rope Diameter	Working Group	Motor	Voltage	Frequency	Dimensions(mm)								N.W.	Product Code
	kg	m/min	m	mm		kw	v	Hz	A	B	C	D	E	F	G	H	kg	
EWW0020	200	11	29	Φ6	M3	0.6	1ph/100/110/120/220/230/240	50/60	4-Φ10.5	142	142	510	210	246	108	Φ94	36	270100200
EWW0025	250	11	29	Φ6	M3	0.75			4-Φ10.5	142	142	525	210	246	108	Φ94	40	270100250
EWW0031	300	13	29	Φ7	M3	1.1			4-Φ10.5	172	142	540	210	246	133	Φ90	49	270100301
EWW0033	300	13	29	Φ7	M3	1.1	3ph/230/380/415/440/480		4-Φ10.5	172	142	548	210	246	133	Φ90	48	270100302
EWW0050	500	13	58	Φ9	M3	2.2			4-Φ14	400	330	922	372	430	240	Φ140	136	270100500
EWW0075	750	13	58	Φ9	M3	3			4-Φ18	400	330	935	372	430	240	Φ140	149	270100750

Model	Capacity	Rated Speed	Lifting Height	Wire Rope Diameter	Working Group	Motor	Voltage	Frequency	Dimensions(mm)								N.W.	Product Code
	kg	m/min	m	mm		kw	v	Hz	A	B	C	D	E	F	G	H	kg	
EWW0100	1000	13.5	58	Φ11	M3	4	3ph/230/380/415/440/480	50/60	4-Φ18	400	330	935	372	430	240	Φ140	156	270101000
EWW0220	2200	10	97	Φ16		6			4-Φ22	600	499	1160	565	658	312	Φ178	450	270102200
EWW0320	3200	11	97	Φ18		7.5			4-Φ22	847	499	1431	565	860	416	Φ178	500	270103200
EWW0350	3500	11	140	Φ18		9			4-Φ22	847	499	1431	565	860	416	Φ178	550	270103500
EWW0500	5000	11	192	Φ22		15			6-Φ24	920	950	1860	1010	1260	660	Φ300	1500	270105000
EWW1000	10000	11	235	Φ32		22			6-Φ24	1600	950	2450	1050	1260	832	Φ450	3000	270110000

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