



Certificate NO.
2000-OSL-SM-0216

CE ISO



ELECTRIC CHAIN HOIST

www.uelex-hoist.com

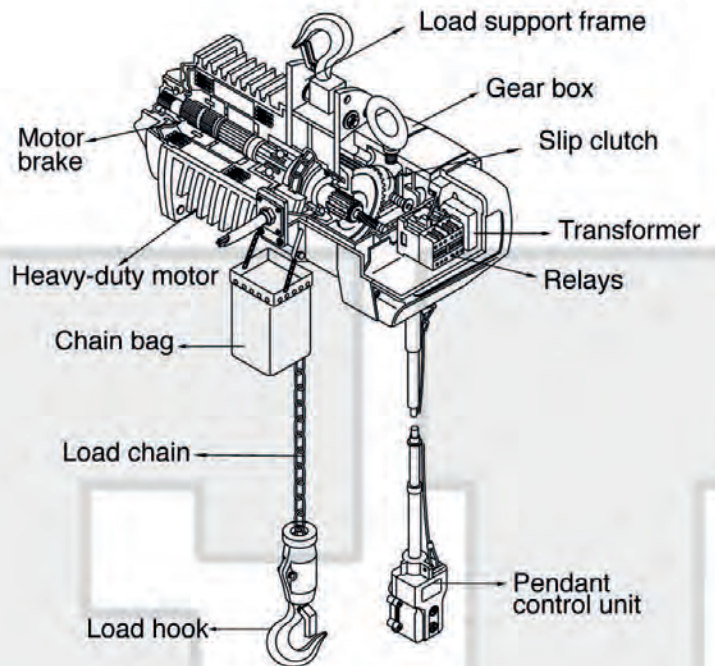
UELEX

The Best Helpmate For

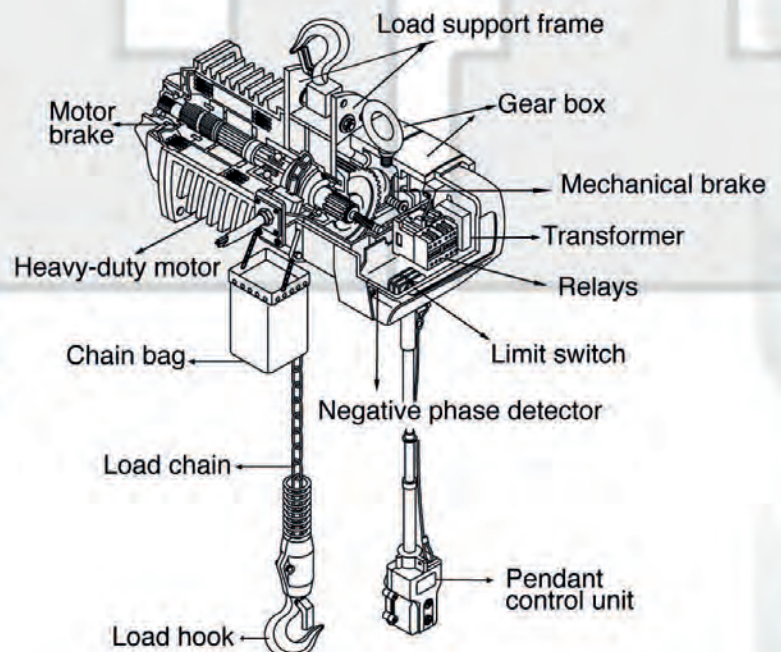
Construction & Features

- **Capacity Range:**
500kgs to 30 Tons
- **Power Supply:**
220-600V 50/60HZ, 3PH 500kgs-2
Tons: 220-230V 50/60HZ, 1PH
- **Advanced Brake System**
- **Super High Load Chain**
- **Integral Hermetic Structure**
- **Safety Protection Devices**
- **Ultra-short Design** (1/2 Tons-5 Tons,
Single/Dual Speed), Patented
- **Mechanical brake system** with
overload protection device patented
in Taiwan, China, USA and Germany
(for K series)

N series (overload slip clutch)



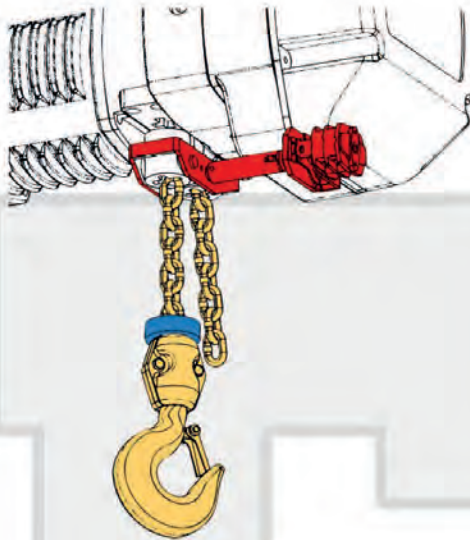
S series (mechanical brake)



Industrial Applications

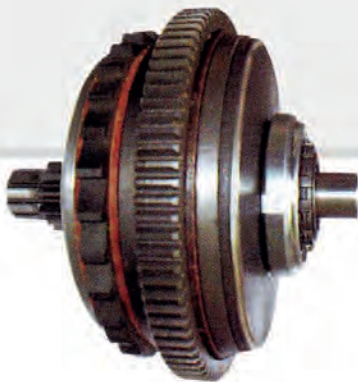
Upper/Lower Limit Switch

It can protect gear device to prevent it from damage. No overwinding of chains happens.



Mechanical Brake with Overload Slip Clutch

It assures more safety during operations. (for K series)



Motor Brake System

The brake function is closely connected with the motor- motor on, brake off; motor off and brake on.

Heavy-duty Motor

- Aluminum Frame with good heat dissipation.
- Professional motors for hoists.
- Light in weight.

Load-supporting Frame

- Constructed with two plates of S50C steel (2 Tons 1 Fall type & higher capacity)
- Chain wheel case, gear case B and load-supporting frame are constructed with one piece of FCD45 nodular cast-iron. (3 Tons 3 Falls type and lower capacity)

Dust and Water Proof (IP55)

Load Chain

Japanese-made FEC 80 super alloy steel, heat-treated chain is suitable for applications in harsh operating environments.

Hook

- Hot-forged, excellent strength and toughness.
- Bottom hook swivels through 360 degrees.
- Safety catches on top and bottom hooks.

N series

Load Supporting Frame

Chain wheel case, gear case B and load-supporting frame are constructed with one piece of FCD45 nodular cast-iron.

Motor brake

Fast-acting magnetic brake (ROC New Design Patent No. 45572) cuts in when power supply is interrupted.

Slip Clutch

The slip clutch well performs the functions of overload protection. Without limit switch and limit spring, it offers utmost lifting space.

48V Controller Voltage

48V controller can prevent personnel from injury caused by current leakage of push button control unit.

Simple parts and less maintenance.



SPECIFICATIONS:

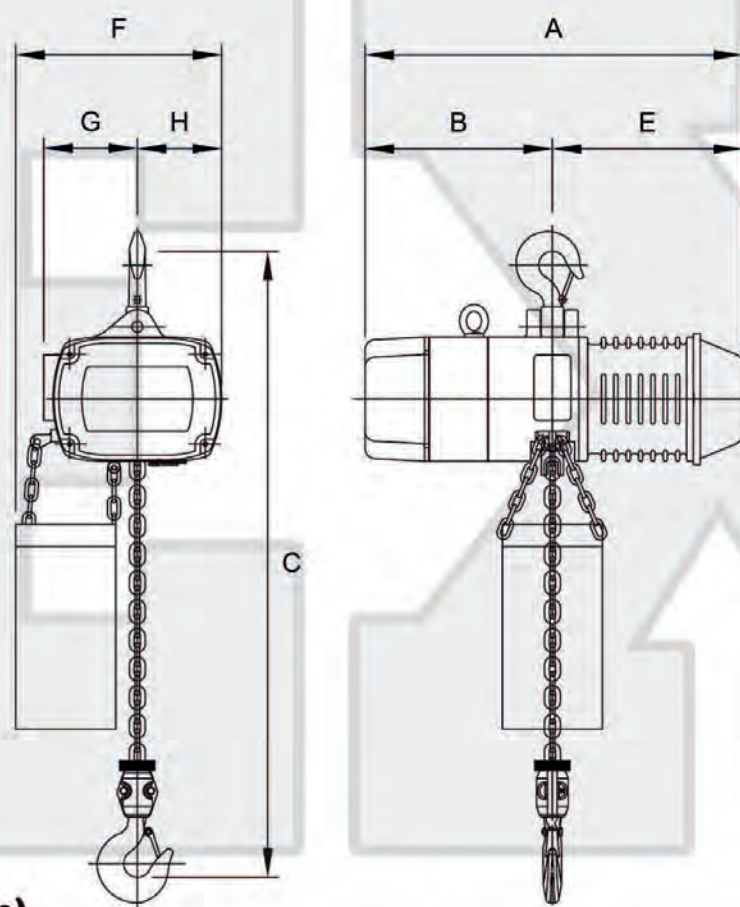
Nominal Capacity (Ton)	Model	Standard Lift(m)	Lifting Speed(m/min) 3 phase		Lifting Motor (KW)	Power Supply	Duty Rating%	Load Chain Dia.(mm)x Chain Falls	Single Speed	
	50HZ 60HZ		N.W.kg	G.W.kg						
	Single Speed				Single Speed					
1	US0100NL	3	4.7	6.4	1.5	(3Phase) 220V-600V 50HZ/60HZ	40	Ø 7.1x1	52.5	58.5
	US0100NH		6.7	8.0	1.7				54.5	60.5
2	US0200NL		2.3	3.2	1.5			Ø 7.1x2	63	69
	US0200NH		3.3	4.0	1.7				65.5	71.5
3	US0300NL		1.5	2.2	1.7			Ø 7.1x3	77	90
	US0300NH		2.3	2.8	1.7				79	92

Load Chain

Japanese-made FEC 80 super alloy steel, heat-treated chain is suitable for applications in harsh operating environments.

Hook

- Hot-forged, excellent strength and toughness.
- Bottom hook swivels through 360 degrees.
- Safety catches on top and bottom hooks.



DIMENSIONS(mm)

Nominal Capacity (Ton)	Model	Min. Distance Between Hooks: C	A	B	E	F	G	H
1	US0100NL	469	546	250	297	303	140	123
	US0100NH							
2	US0200NL	626	546	250	297	319	202	77
	US0200NH							
3	US0300NL	730	546	250	297	400	239	121
	US0300NH							

SK series (3PH)

Load Supporting Frame

- Constructed with two plates of S50C steel (2 Tons 1 Fall type & higher capacity)
- Chain wheel case, gear case B and load-supporting frame are constructed with one piece of FCD45 nodular cast-iron. (3 Tons 3 Falls type and lower capacity)

Mechanical Brake

Long-service, trouble-free mechanical brake, together with motor brake, provides dual braking system to assure operating safety.

Housing

The aluminum alloy motor housing is light in weight and provides good heat dissipation, allowing up to 30 minutes continues duty. Fully-enclosed design, suitable for applications in foundries, electro-plating factories...etc..

Negative Phase Detector

Motor will not run if power supply is wrongly wired.

48V Controller Voltage

48V controller can prevent personnel from injury caused by current leakage of push button control unit.

SPECIFICATIONS:

Nominal Capacity (Ton)	Model		Standard Lift (m)	Lifting Speed (m/min)3 phase				Lifting Motor (KW)		Power Supply	Duty Rating%	Load Chain Dia.(mm)x Chain Falls	Single Speed		Dual Speed		
	Single Speed	Dual Speed		50HZ		60HZ		Single Speed	Dual Speed				N.W.kg	G.W.kg	N.W.kg	G.W.kg	
				Single Speed	Dual Speed	Single Speed	Dual Speed										
0.5	US0050LK	US0050LDK	3	6.7	6.7/2.2	8.0	8.0/2.6	1.5	1.5/0.5	(3PHASE) 220V-600V 50HZ/60HZ	40	ø 7.1x1	58	64	63.5	69.5	
	US0050HK	US0050HDK		11.3	11.3/3.8	13.5	13.5/4.5	1.7	2.2/0.7				60	66	63.5	69.5	
1	US0100LK	US0100LDK		5.3	5.3/1.8	6.4	6.4/2.1	1.5	1.5/0.5				58	64	63.5	69.5	
	US0100HK	US0100HDK		6.7	6.7/2.2	8.0	8.0/2.6	1.7	2.2/0.7				60	66	63.5	69.5	
2	US0200LK	US0200LDK		2.6	2.6/0.9	3.2	3.2/1.1	1.5	1.5/0.5				ø 7.1x2	70.5	76.5	75	81
	US0200HK	US0200HDK		3.3	3.3/1.1	4.0	4.0/1.3	1.7	2.2/0.7					70.5	76.5	75	81
3	US0300LK	US0300LDK		1.8	1.8/0.6	2.1	2.1/0.7	1.7	2.2/0.7			ø 7.1x3	84.5	97.5	87.5	100.5	
	US0300HK	US0300HDK		2.2	2.2/0.7	2.6	2.6/0.9	1.7	2.2/0.7				84.5	97.5	87.5	100.5	
2	US0200SK	US0200SDK		6.6	6.6/2.2	7.9	7.9/2.6	3.7	3.7/1.2			ø 10.0x1	116.5	144.5	118	146	
2.5	US0250SK	US0250SDK		5.3	5.3/1.8	6.4	6.4/2.1					ø 11.2x1	116	144	125	153	
3	US0300SK	US0300SDK		4.3	4.3/1.4	5.2	5.2/1.7					ø 10.0x2	134	162	136	164	
5	US0500SK	US0500SDK		2.6	2.6/0.9	3.2	3.2/1.0					ø 11.2x2	145	173	154	182	
7.5	US0750SK	US0750SDK		1.8	1.8/0.6	2.1	2.1/0.7	3.7x2	3.7x2/ 1.2x2			ø 11.2x3	195	223	204	232	
10	US1000SK	US1000SDK		2.6	2.6/0.9	3.2	3.2/1.0					ø 11.2x4	334	392	351	407	
15	US1500SK	US1500SDK		1.8	1.8/0.6	2.1	2.1/0.7					ø 11.2x6	400	468	417	485	
20	US2000SK	US2000SDK		1.3	1.3/0.4	1.6	1.6/0.5					ø 11.2x8	510	590	527	577	



Capacity:
1(LK), 1(HK).ton

Capacity:
3(LK), 3(HK).ton

Capacity:
2(LK), 2(HK).ton

Limit Switch

Limit switch can avoid overwinding of chains and protect gear device from damage.

Load Chain

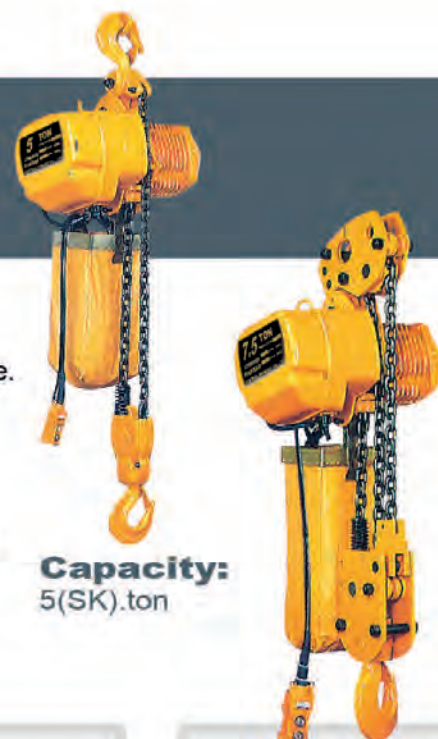
Japanese-made FEC 80 super alloy steel, heat-treated chain is suitable for applications in harsh operating environments.

Hook

- Hot-forged, excellent strength and toughness.
- Bottom hook swivels through 360 degrees.
- Safety catches on top and bottom hooks.

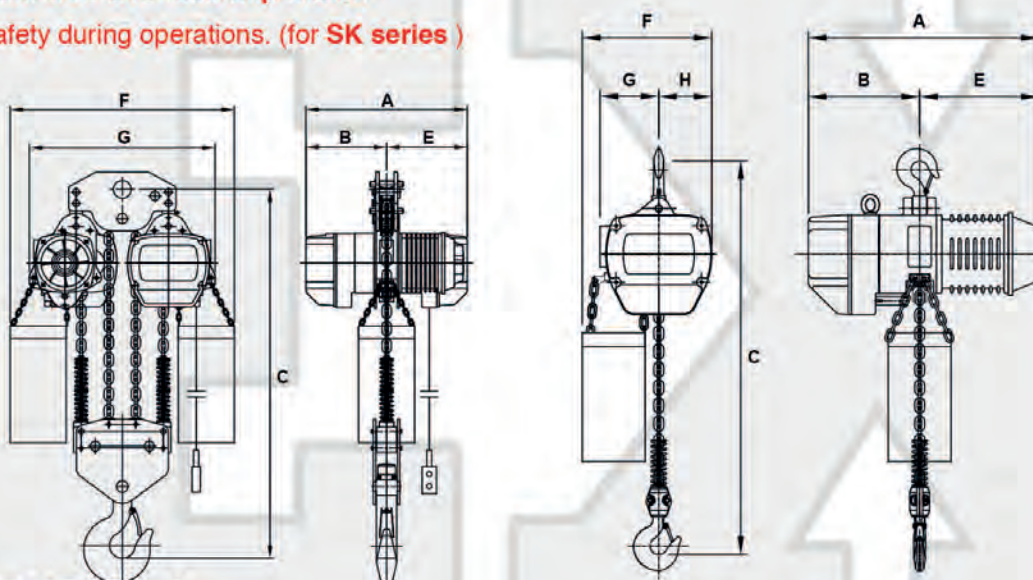
Mechanical Brake with Overload Slip Clutch

It assures the safety during operations. (for SK series)



Capacity:
5(SK).ton

Capacity:
7 1/2(SK).ton



DIMENSIONS(mm)

Nominal Capacity (Ton)	Model	Min Distance Between Hooks: C		A		B		E		F	G	H								
		Single Speed	Dual Speed	Single Speed	Dual Speed	Single Speed	Dual Speed	Single Speed	Dual Speed											
0.5	USK0050L (D)	588	588	551	549	253	253	299	297	303	140	123								
	USK0050H (D)																			
1	USK0100L (D)	745	745		570				297	318	319	202	77							
	USK0100H (D)				549															
2	USK0200L (D)				849									849	570	297	318	400	239	121
	USK0200H (D)														549					
3	USK0300L (D)	849	849		570	318	400	239	121											
	USK0300H (D)																			
2	USK0200S (D)	777	777	649	673	345	345	304	328	426	184	162								
2.5	USK0250S (D)	823	823																	
3	USK0300S (D)	944	944																	
5	USK0500S (D)	966	966																	
7.5	USK0750S (D)	972	972	690	690			345	345	304	328	426	260	86						
10	USK1000S (D)	1238	1238																	
15	USK1500S (D)	1392	1392																	
20	USK2000S (D)	1534	1534																	
30	USK3000S (D)	1776	1776	760	800	380	400			380	400	1902	1148	-						

S/E series (3PH/1PH)

Load Supporting Frame

- Constructed with two plates of S50C steel (2 Tons 1 Fall type & higher capacity)
- Chain wheel case, gear case B and load-supporting frame are constructed with one piece of FCD45 nodular cast-iron. (3 Tons 3 Falls type and lower capacity)

Mechanical Brake

Long-service, trouble-free mechanical brake, together with motor brake, provides dual braking system to assure operating safety.

Housing

The aluminum alloy motor housing is light in weight and provides good heat dissipation, allowing up to 30 minutes continuous duty. Fully-enclosed design, suitable for applications in foundries, electro-plating factories...etc..

Negative Phase Detector

Motor will not run if power supply is wrongly wired.

48V Controller Voltage

48V controller can prevent personnel from injury caused by current leakage of push button control unit.



SPECIFICATIONS:

Nominal Capacity (Ton)	Model		Standard Lift (m)	Lifting Speed (m/min) 3 phase				Lifting Motor (KW)		Power Supply	Duty Rating%	Load Chain Dia.(mm)x Chain Falls	Single Speed		Dual Speed			
	Single Speed	Dual Speed		50HZ		60HZ		Single Speed	Dual Speed				N.W.kg	G.W.kg	N.W.kg	G.W.kg		
		Single Speed		Dual Speed	Single Speed	Dual Speed	Single Speed		Dual Speed									
0.5	US0050L	US0050LD	3	6.7	6.7/2.2	8.0	8.0/2.6	1.5	1.5/0.5	(3PHASE) 220V-600V 50HZ/60HZ	40	ø 7.1x1	58	64	63.5	69.5		
	US0050H	US0050HD		11.3	11.3/3.8	13.5	13.5/4.5	1.7	2.2/0.7				60	66	63.5	69.5		
1	US0100L	US0100LD		4.7	4.7/1.6	5.6	5.6/1.8	1.5	1.5/0.5				58	64	63.5	69.5		
	US0100H	US0100HD		6.7	6.7/2.2	8.0	8.0/2.6	1.7	2.2/0.7				60	66	63.5	69.5		
2	US0200L	US0200LD		2.3	2.3/0.8	2.8	2.8/0.9	1.5	1.5/0.5			ø 7.1x2	70.5	76.5	75	81		
	US0200H	US0200HD		3.3	3.3/1.1	4.0	4.0/1.3	1.7	2.2/0.7				70.5	76.5	75	81		
3	US0300L	US0300LD		1.5	1.5/0.5	1.8	1.8/0.6	1.7	2.2/0.7			ø 7.1x3	84.5	97.5	87.5	100.5		
	US0300H	US0300HD		2.2	2.2/0.7	2.6	2.6/0.9	1.7	2.2/0.7				84.5	97.5	87.5	100.5		
2	US0200S	US0200SD		6.6	6.6/2.2	7.9	7.9/2.6	3.7	3.7/1.2			ø 10.0x1	116.5	144.5	118	146		
2.5	US0250S	US0250SD		5.3	5.3/1.8	6.4	6.4/2.1					ø 11.2x1	116	144	125	153		
3	US0300S	US0300SD		4.3	4.3/1.4	5.2	5.2/1.7					ø 10.0x2	134	162	136	164		
5	US0500S	US0500SD		2.6	2.6/0.9	3.2	3.2/1.0					ø 11.2x2	145	173	154	182		
7.5	US0750S	US0750SD		1.8	1.8/0.6	2.1	2.1/0.7	3.7x2	3.7x2/ 1.2x2			ø 11.2x3	195	223	204	232		
10	US1000S	US1000SD		2.6	2.6/0.9	3.2	3.2/1.0					ø 11.2x4	334	392	351	407		
15	US1500S	US1500SD		1.8	1.8/0.6	2.1	2.1/0.7					ø 11.2x6	400	468	417	485		
20	US2000S	US2000SD		1.3	1.3/0.4	1.6	1.6/0.5					ø 11.2x8	510	590	527	577		
Single-phase																		
1	US0100E	—		4.7	—	5.6	—	1.5	—	SINGLE PHASE 220V 230V 50HZ/60HZ	15	ø 7.1x1	63	69	—	—		
2	US0200E	—		2.3	—	2.8	—					ø 7.1x2	74	81	—	—		

Limit Switch

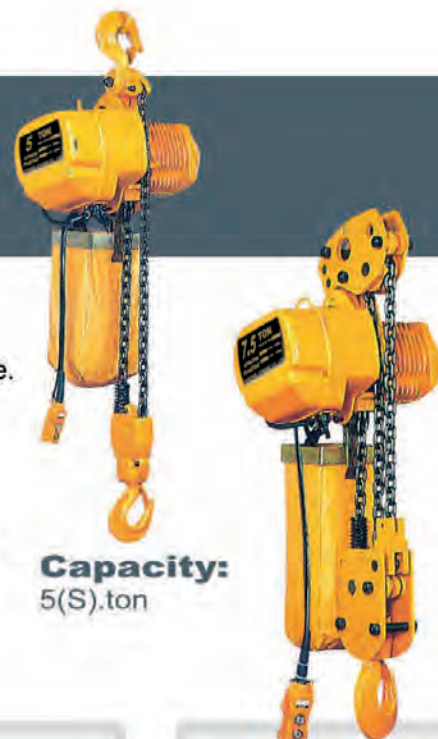
Limit switch can avoid overwinding of chains and protect gear device from damage.

Load Chain

Japanese-made FEC 80 super alloy steel, heat-treated chain is suitable for applications in harsh operating environments.

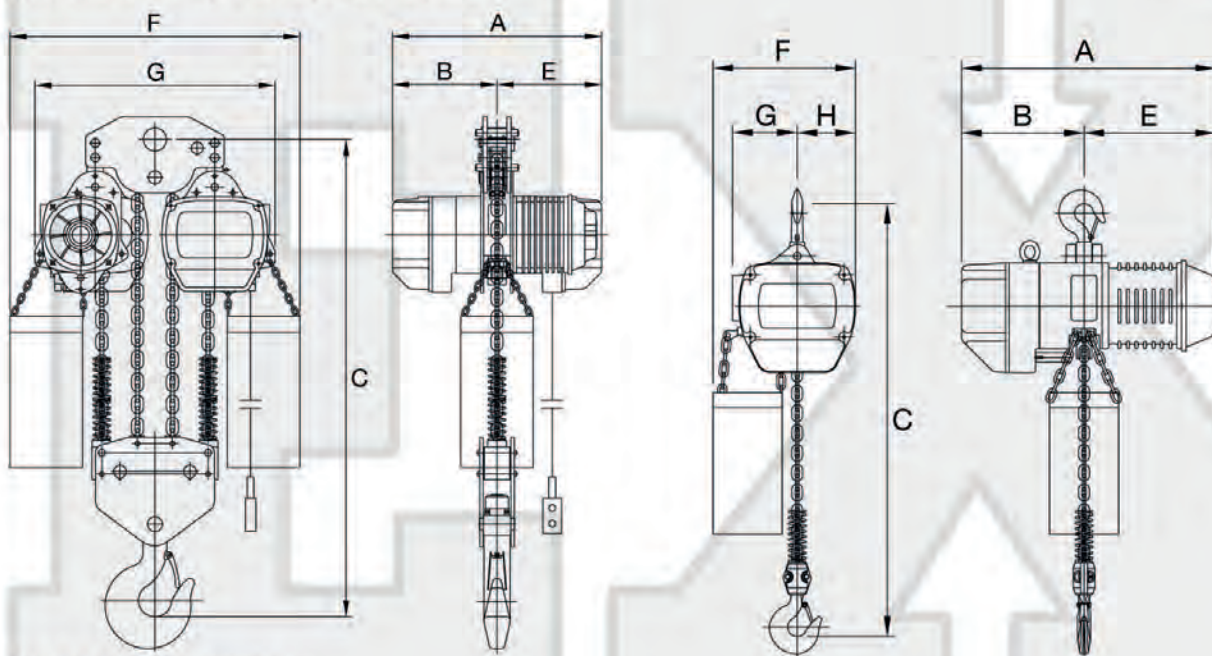
Hook

- Hot-forged, excellent strength and toughness.
- Bottom hook swivels through 360 degrees.
- Safety catches on top and bottom hooks.



Capacity:
5(S).ton

Capacity:
7 1/2(S).ton

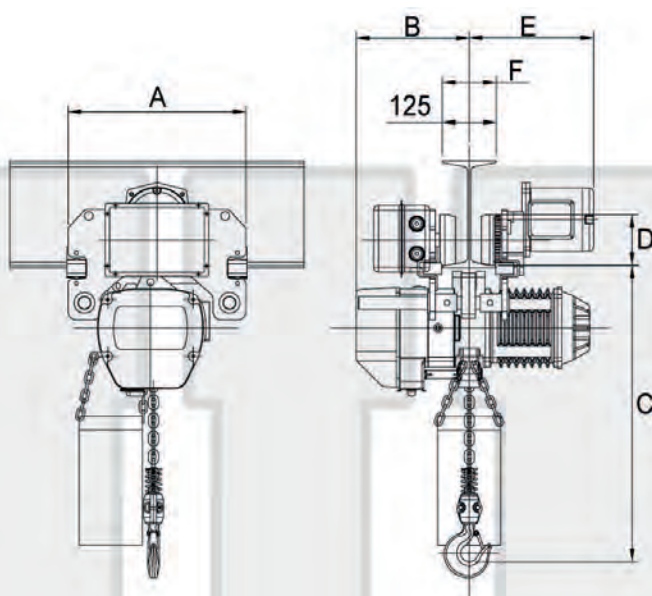


DIMENSIONS(mm)

Nominal Capacity (Ton)	Model	Min Distance Between Hooks:		A		B		E		F	G	H
		Single Speed	Dual Speed	Single Speed	Dual Speed	Single Speed	Dual Speed	Single Speed	Dual Speed			
0.5	USS0050L (D)	588	588	535	533	236	236	299	297	303	140	123
	USS0050H (D)				554				318			
1	USS0100L (D)				-				-			
	USS0100H (D)	745	745	625	533	321	321	304	297	319	202	77
2	USS0200L (D)				554				318			
	USS0200H (D)				-				-			
	USS0200E	849	849	642	533	321	321	321	297	400	239	121
3	USS0300L (D)				554				318			
	USS0300H (D)				-				-			
2	USS0200S (D)	777	777	625	649	321	321	304	328	426	184	162
2.5	USS0250S (D)	823	823								260	86
3	USS0300S (D)	944	944								271	75
5	USS0500S (D)	966	966	642	656	321	328	321	400	1902	1148	-
7.5	USS0750S (D)	972	972									
10	USS1000S (D)	1238	1238									
15	USS1500S (D)	1392	1392	760	800	380	400	380	400	1902	1148	-
20	USS2000S (D)	1534	1534									
30	USS3000S (D)	1776	1776									

- # LHR series

A yellow 1-ton UDEX 608 electric chain hoist is shown. It features a yellow motor housing with a black label that reads "1 TON", "UDEX 608", and "100% IS EQUIPMENT". The hoist is suspended by a yellow chain and has a yellow remote control hanging from it. The background is a plain white wall.

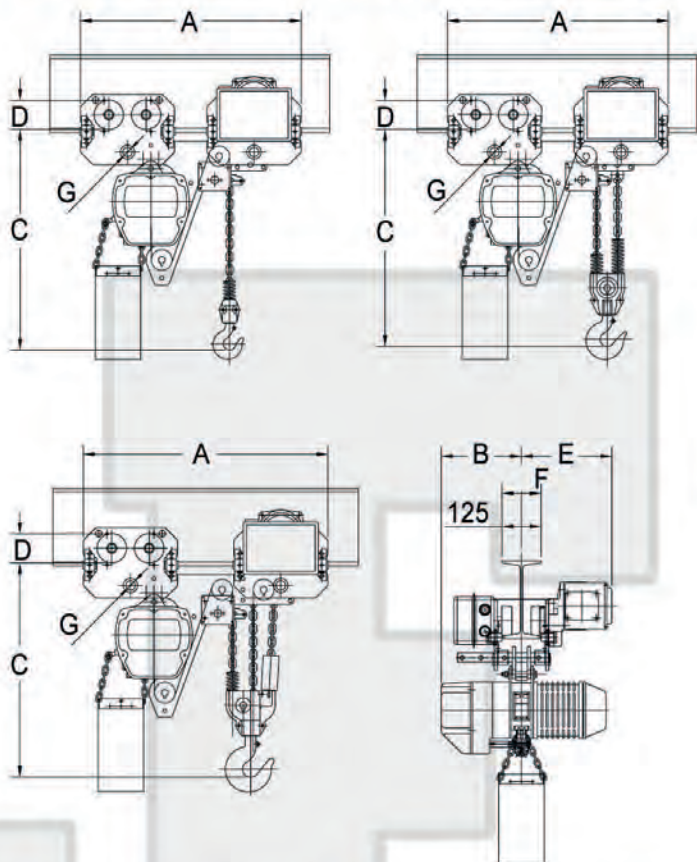


Electric Chain Hoist (Lifting)										Monorail Motorized Trolley (Travelling)																	
Nominal Capacity (Ton)	Series		Lifting Speed(m/min) 3 phase				Lifting Motor (KW)		Load Chain Dia. (mm)x Chain Falls	Travelling Speed(m/min) 3 phase						Travelling Motor (KW)			Minimum Radius For Curve (mm)	Flange Width (mm)	Minimum Headroom (mm)	Dimensions (mm)					
			50HZ		60HZ					50HZ		60HZ															
	Single speed	Dual speed	Single speed	Dual speed	Single speed	Dual speed	Single speed	Dual speed		4P	6P	2P/6P	4P	6P	2P/6P	4P	6P	2P/6P									
1	NL/K	—	4.7	—	6.4	—	1.5	—	Ø7.1x1	18.75	12.5	20/6.6	22.5	15,12,8	24/8	0.4	0.3	0.4/0.13	1500	75-175			408	420	262	106	288
	NH/K	—	6.7	—	8.0	—	1.7	—																			
	L/K	LD/KD	4.7	4.7/1.6	5.6	5.6/1.8	1.5	1.5 / 0.5																			
	H/K	HD/KD	6.7	6.7/2.2	8.0	8.0/2.6	1.7	2.2 / 0.7																			
2	NL/K	—	2.3	—	3.2	—	1.5	—	Ø7.1x2																		
	NH/K	—	3.3	—	4.0	—	1.7	—																			
	L/K	LD/KD	2.3	2.3/0.8	2.8	2.8/0.9	1.5	1.5 / 0.5																			
	H/K	HD/KD	3.3	3.3/1.1	4.0	4.0/1.3	1.7	2.2 / 0.7																			
3	NL/K	—	1.5	—	2.2	—	1.7	—	Ø7.1x3																		
	NH/K	—	2.2	—	2.8	—	1.7	—																			
	L/K	LD/KD	1.5	1.5/0.5	1.8	1.8/0.6	1.7	2.2 / 0.7																			
	H/K	HD/KD	2.2	2.2/0.7	2.6	2.6/0.9	1.7	2.2 / 0.7																			
2	S/K	SD/KD	6.6	6.6/2.2	7.9	7.9/2.6	3.7	3.7/1.2	Ø10.0x1										1800	125-200			649	440	320	106	327
2.5			5.3	5.3/1.8	6.4	6.4/2.1			Ø11.2x1																		
3			4.3	4.3/1.4	5.2	5.2/1.7			Ø10.0x2																		
5			2.6	2.6/0.9	3.2	3.2/1.0			Ø11.2x2																		

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ULHR series

Ultra Low Headroom Electric Chain Hoist



Specifications & Dimensions

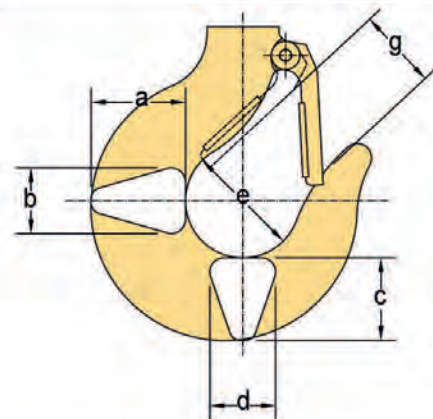
Electric Chain Hoist (Lifting)										Monorail Motorized Trolley (Travelling)																																																	
Nominal Capacity (Ton)	Series		Lifting Speed(m/min) 3 phase				Lifting Motor (KW)		Load Chain Dia. (mm)x Chain Falls	Travelling Speed(m/min) 3 phase						Travelling Motor (KW)			Flange Width (mm)	Minimum Headroom (mm)	Dimensions (mm)																																						
			50HZ		60HZ					50HZ		60HZ																																															
	Single speed	Dual speed	Single speed	Dual speed	Single speed	Dual speed	Single speed	Dual speed		4P	6P	2P/6P	4P	6P	2P/6P	4P	6P	2P/6P			F	C	A	B	D	E	G																																
1	NL/K	—	4.7	—	6.4	—	1.5	—	Ø7.1x1	18.75	12.5	20/6.6	22.5	15,12,8	24/8	0.4	0.3	0.4/0.13	100-175	371	706	262	94	288	30																																		
	NH/K	—	6.7	—	8.0	—	1.7	—												445																																							
	L/K	LD/KD	4.7	4.7/1.6	5.6	5.6/1.8	1.5	1.5/0.5												389																																							
	H/K	HD/KD	6.7	6.7/2.2	8.0	8.0/2.6	1.7	2.2/0.7												463																																							
2	NL/K	—	2.3	—	3.2	—	1.5	—	Ø7.1x2										18.75	12.5	20/6.6	22.5	15,12,8	24/8	0.4	0.3	0.4/0.13	125-175	488	782	262	106	288	30																									
	NH/K	—	3.3	—	4.0	—	1.7	—																					506																														
	L/K	LD/KD	2.3	2.3/0.8	2.8	2.8/0.9	1.5	1.5/0.5																					518																														
	H/K	HD/KD	3.3	3.3/1.1	4.0	4.0/1.3	1.7	2.2/0.7																					553																														
3	NL/K	—	1.5	—	2.2	—	1.7	—	Ø7.1x3																			18.75	12.5	20/6.6	22.5	15,12,8	24/8	0.4	0.3	0.4/0.13	125-175	620	830	320	106	327	38																
	NH/K	—	2.2	—	2.8	—	1.7	—																														649																					
	L/K	LD/KD	1.5	1.5/0.5	1.8	1.8/0.6	1.7	2.2/0.7																														620																					
	H/K	HD/KD	2.2	2.2/0.7	2.6	2.6/0.9	1.7	2.2/0.7																														649																					
2	S/K	SD/KD	6.6	6.6/2.2	7.9	7.9/2.6	3.7	3.7/1.2	Ø10.0x1																												18.75	12.5	20/6.6	22.5	15,12,8	24/8	0.75	0.6	0.75/0.25	150-200	649	870	325	125	338	45							
2.5			5.3	5.3/1.8	6.4	6.4/2.1			Ø11.2x1																																												125-175	518	830	320	94	327	30
3			4.3	4.3/1.4	5.2	5.2/1.7			Ø10.0x2																																													553	845	320	106	327	38
5			2.6	2.6/0.9	3.2	3.2/1.0			Ø11.2x2																																													620	830	320	106	327	38
5			2.6	2.6/0.9	3.2	3.2/1.0			Ø11.2x2																																													649	870	325	125	338	45

*Under the same rated capacity, you can match electric chain hoists with monorail motorized trolleys freely.

CHAIN/HOOKS series

Hook

- Hot forged, excellent strength and toughness.
- Bottom hook swivels through 360 degrees.
- Safety catches on top and bottom hooks.



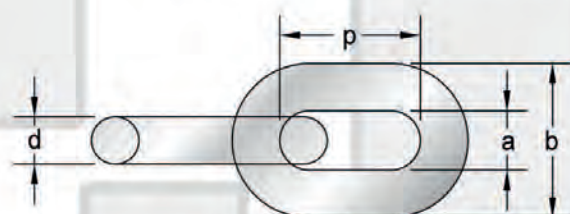
DIMENSIONS(mm)

CAPACITY (Ton)	T/B	a	b	c	d	e	g
0.5,1	T&B	33	23	29	23	40	29
2	T&B	45	31	41	31	46	37
3	T&B	55	34	48	34	52	40
5	T&B	67	45	60	45	62	46
7.5	T&B	85	60	78	60	80	55
10	T&B	100	70	95	65	100	64
15	T&B	120	87	110	85	120	82
20	T&B	140	100	130	95	140	105

T...TOP HOOK B...BOTTOM HOOK

CHAIN

Japanese-made FEC 80 super alloy steel, heat-treated chain is suitable for applications in harsh operating environments..

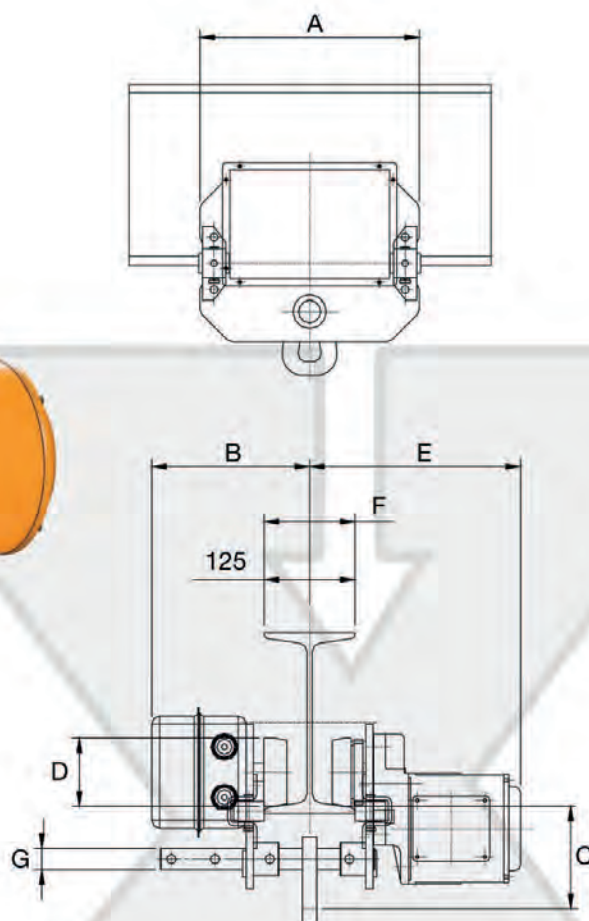
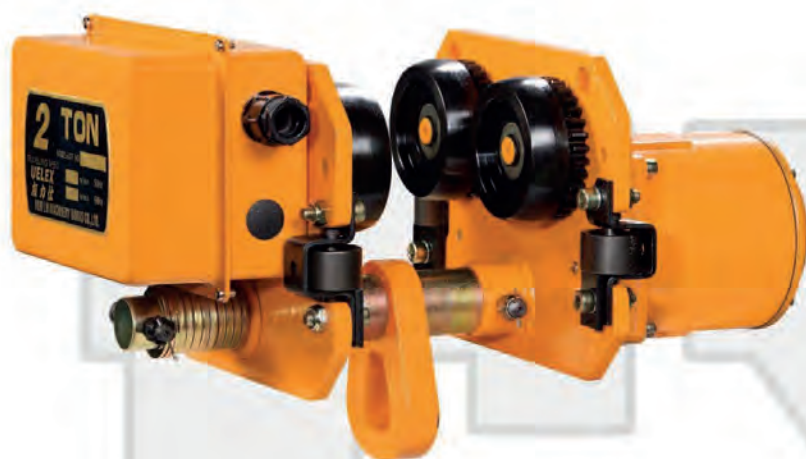


DIMENSIONS(mm)

Hoist Capacity (Ton)	Series		d Trade Size(mm)	a Inside Width(mm)	b Outside Width(mm)	p Inside Length(mm)	Weight Per Meter (kg/m)	Working Load Limit (kgf)	Proof Load (kgf)	Breaking Load (kgf)
	Single speed	Dual speed								
0.5	L/K	LD/KD	7.1	8.9	23.6	21.0	1.1	1600	3150	6300
1	H/K	HD/KD								
	NL/K	—								
	NH/K	—								
	L/K	LD/KD								
2	H/K	HD/KD								
	E/K	—								
	NL/K	—								
	NH/K	—								
3	L/K	LD/KD								
	H/K	HD/KD								
2	S/K	SD/KD	10.0	12.5	33.2	30.0	2.18	3150	6300	12500
3										
2.5										
5										
7.5										
10										

Trolley series

Monorail Motorized trolley



Specifications & Dimensions

Nominal Capacity (Ton)	Model	Travelling Speed (m/min) 3 phase						Travelling Motor (KW)			Flange Width (mm)	Minimum Radius For Curve (mm)	Dimensions (mm)						
		50HZ			60HZ			single speed		Dual speed			A	B	C	D	E	G	
		single speed	Dual speed		single speed	Dual speed		single speed	Dual speed	single speed									Dual speed
		4P	6P	2/6P	4P	6P	2/6P	4P	6P	2/6P	F								
1	USM0100L	—	12.5	—	—	15,12,8	—	—	0.3	—	75-175	800	300	218	73	118	290	30	
	USM0100H	18.75	—	—	22.5	—	—	0.4	—	—						94			
	USM0100D	—	—	20/6.6	—	—	24/8	—	—	0.4/0.13						118			
2	USM0200L	—	12.5	—	—	15,12,8	—	—	0.3	—	1000	1000	302	221	64	118	294	38	
	USM0200H	18.75	—	—	22.5	—	—	0.4	—	—						106			
	USM0200D	—	—	20/6.6	—	—	24/8	—	—	0.4/0.13						118			
3	USM0300L	—	12.5	—	—	15,12,8	—	—	0.3	—	125-200	1000	325	221	76	118	294	45	
	USM0300H	18.75	—	—	22.5	—	—	0.4	—	—						125			
	USM0300D	—	—	20/6.6	—	—	24/8	—	—	0.4/0.13						118			
5	USM0500L	—	12.5	—	—	15,12,8	—	—	0.6	—	150-200	1500	400	228	94	139	301	55	
	USM0500H	18.75	—	—	22.5	—	—	0.75	—	—						139			
	USM0500D	—	—	20/6.6	—	—	24/8	—	—	0.75/0.25						139			
7.5	USM0750L	—	12.5	—	—	15,12,8	—	—	0.6	—	150-300	2000	445	231	105	169	304	70	
	USM0750H	18.75	—	—	22.5	—	—	0.75	—	—						169			
	USM0750D	—	—	20/6.6	—	—	24/8	—	—	0.75/0.25						169			
10	USM1000L	—	12.5	—	—	15,12,8	—	—	0.6	—	150-300	2000	510	237	104	200	311	70	
	USM1000H	18.75	—	—	22.5	—	—	0.75	—	—						200			
	USM1000D	—	—	20/6.6	—	—	24/8	—	—	0.75/0.25						200			
Single Phase																			
1	USM0100E	—	10	—	—	12	—	—	—	—	75-175	—	300	218	73	118	290	30	
2	USM0200E	—	10	—	—	12	—	—	—	—		—	302	221	64	118	294	38	

Hoist Series	Capacity Range			Features			
	3 Phase Signle Speed	3 Phase Double Speed	1 Phase Signle Speed	Slip Clutch (Overload)	Upper/Lower Limit Switch	Mechanical Brake System	Negative Phase Detector
N Series	1 Ton - 3 Ton	1 Ton - 3 Ton	X	/	X	X	X
SK Series	0.5 Ton - 20 Ton	0.5 Ton - 30 Ton	X	/	/	/	/
S/E Series	0.5 Ton - 20 Ton	0.5 Ton - 30 Ton	1 Ton - 2 Ton	X	/	/	/
LHR Series	1 Ton - 5 Ton	1 Ton - 5 Ton	X	N/A	N/A	N/A	N/A
ULHR Series	1 Ton - 5 Ton	1 Ton - 5 Ton	X	N/A	N/A	N/A	N/A

Slip Clutch = The clutch will slip and free when mechanism is jammed by overload while motor runs continuously until the next index to protect the machinery and operator.

Upper/Lower Limit Switch = The limit switch will operate as an automatic control to avoid overwinding of chains. To protect the hoisting gear unit from the damage.

Mechanical Brake System = The machical brake will operate together with motor brake to retard and control the load during hoisting lower. To keep the load from falling if the motor brake fails.

Negative Phase Detector = The phase detector will protect the error from mis-wired or phase difference to protect the hoisting motor unit from the damage.



YOW LIH MACHINERY WORKS CO.,LTD

No.315 Dafu Rd, Sanjiau Vil, Shengang, Taichung City, 42944, Taiwan

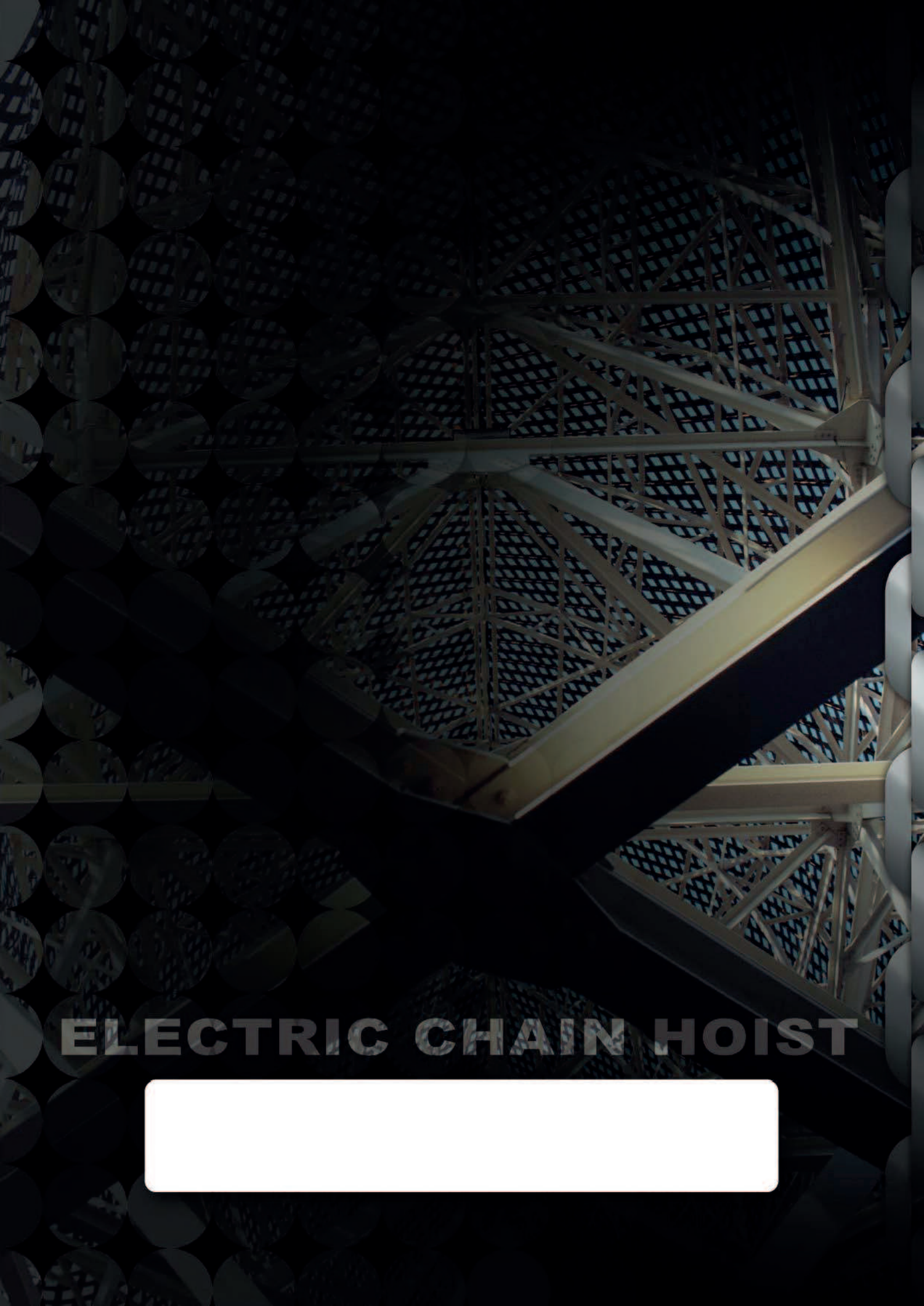
Tel Number +866-4-256-19319

Fax Number +866-4-256-19316

E-mail Address uelex@ms26.hinet.net

Website <http://www.uelex-hoist.com>

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ELECTRIC CHAIN HOIST

