

# Care & Safety Instructions for Power Hoists and Trolleys

## ➤ Safety

Danger exists when heavy loads are transported, particularly when the equipment is not being used correctly or is poorly maintained. Because accidents and serious injury could result, special safety precautions apply to the operation, maintenance and inspection of PWB Anchor power hoist products.

## ➤ Before use

- Always read the owner's manual and safety instructions.
- Never lift more than the capacity shown on the hoist name plate.
- Always check that the hook latches work properly.
- Never operate a hoist if damaged or malfunctioning.
- Never use a twisted, kinked, damaged or stretched load chain.
- Never use a hoist if the hook latch is missing or broken.
- Never use a hoist without a hoist name plate.
- Never use a hoist with a modified or deformed hook.

## ➤ While in operation

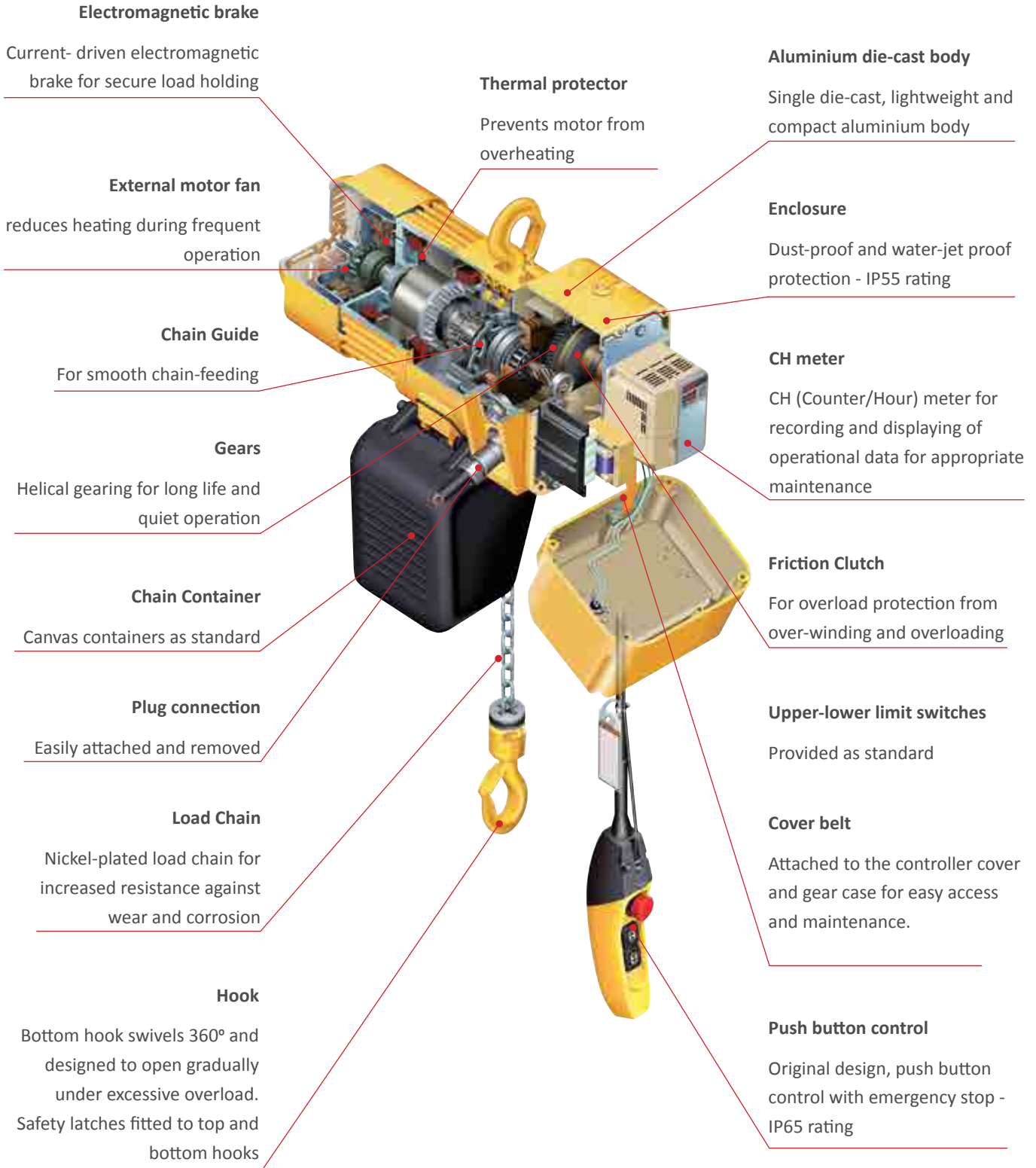
- Never use a hoist for lifting, supporting or transporting people.
- Never lift or transport loads over or near people.
- Never support a load on the tip of the hook.
- Always make sure that the load is properly seated in the hook.
- Never use the hoist chain as a sling.
- Never swing a suspended load.

### WARNING

IMPROPER chain hoist use could result in death or serious injury

# PWB Electric Hoists & Trolleys

## Key features of the Kito ER2 Electric Chain Hoist



# PWB Electric Hoists & Trolleys

## ► ER2 Series Electric Chain Hoist (415v - 50Hz) - 3 Phase



<b>Rated capacity:</b>	Single Speed - 125kg to 20 tonne Dual Speed - 125kg to 20 tonne
<b>Voltage:</b>	380-415 V 50Hz
<b>Duty Rating:</b>	Single Speed - 60% ED (60 min) Dual Speed - 40/20% ED (30/10min)
<b>Classifications:</b>	ISO Heavy Duty classification M4 & M5 FEM (Europe) 1Am & 2m rating ASME HST (USA) H4 Duty Class
<b>Enclosure:</b>	Hoist body - IP55 (dust proof and water jet protected) Push button control - IP65 with emergency stop
<b>Suspension varieties:</b>	Hook, manual trolley, motorized trolley
<b>Operating temperature:</b>	-20 to 40 degrees
<b>Operating humidity:</b>	85% RH or less

Capacity	Part No. (3 Metre)	Part No. (6 Metre)	Model	Lifting Speed m/min	Motor Rating output KW	Motor Rating (%ED)	Load Chain Dia (mm) x fall	Hook Suspended Headroom (mm)	Hook Suspended Weight (kg)	Load Chain Dia x Pitch (mm)	Load Chain Part No.
<b>Single Speed</b>											
250kg	45801	45961	ER2-003S	9.1	0.56	60	4.3 x 1	350	27	4.3x12.0	45951
500kg	45802	45962	ER2-005L	3.8	0.56	60	6.0 x 1	370	33	6.0x16.7	45952
500kg	45803	45963	ER2-005S	7.3	0.9	60	6.0 x 1	370	37	6.0x16.7	45952
1 tonne	45804	45964	ER2-010L	3.5	0.9	60	7.7 x 1	430	47	7.7x21.4	45953
1 tonne	45805	45965	ER2-010S	7.1	1.8	60	7.7 x 1	430	54	7.7x21.4	45953
1.5 tonne	45806	64121	ER2-015S	4.5	1.8	60	10.2 x 1	510	72	10.2x28.4	45954
2 tonne	45807	45966	ER2-020L	3.7	1.8	60	10.2 x 1	575	73	10.2x28.4	45954
2 tonne	45808	63453	ER2-020S	7.0	3.5	60	10.2 x 1	590	91	10.2x28.4	45954
2.5 tonne	45809	63550	ER2-025S	5.7	3.5	60	11.2 x 1	625	104	11.2x31.2	45955
3 tonne	45810	63130	ER2-030S	4.4	3.5	60	10.2 x 2	785	107	10.2x28.4	45954
5 tonne	45811	62866	ER2-050S	2.9	3.5	60	11.2 x 2	850	132	11.2x31.2	45955
<b>Dual Speed with Inverter</b>											
250kg	45821	-	ER2-003IS	10.8-1.8	0.56	40/20	4.3 x 1	350	27	4.3x12.0	45951
500kg	45822	-	ER2-005IL	4.5-0.8	0.56	40/20	6.0 x 1	370	32	6.0x16.7	45952
500kg	45823	-	ER2-005IS	8.5-1.4	0.9	40/20	6.0 x 1	370	36	6.0x16.7	45952
1 tonne	45824	-	ER2-010IL	4.2-0.7	0.9	40/20	7.7 x 1	430	45	7.7x21.4	45953
1 tonne	45825	-	ER2-010IS	8.2-1.4	1.8	40/20	7.7 x 1	430	52	7.7x21.4	45953
1.5 tonne	45826	-	ER2-015IS	5.3-0.9	1.8	40/20	10.2 x 1	510	72	10.2x28.4	45954
2 tonne	45827	-	ER2-020IL	4.3-0.7	1.8	40/20	10.2 x 1	575	73	10.2x28.4	45954
2 tonne	45828	-	ER2-020IS	8.2-1.4	3.5	40/20	10.2 x 1	590	89	10.2x28.4	45954
2.5 tonne	45829	-	ER2-025IS	6.6-1.1	3.5	40/20	11.2 x 1	625	100	11.2x31.2	45955
3 tonne	45830	-	ER2-030IS	5.2-0.9	3.5	40/20	10.2 x 2	785	105	10.2x28.4	45954
5 tonne	45831	-	ER2-050IS	3.3-0.6	3.5	40/20	11.2 x 2	850	128h	11.2x31.2	45955

# PWB Electric Hoists & Trolleys

## ER2 Series Electric Chain Hoist (415v - 50Hz) - 3 Phase

The PWB Anchor ER2 Electric Chain Hoist manufactured by KITO is environmentally friendly with its new compact, lightweight and energy efficient design. Offering thermal protection to prevent overheating, upper and lower limit switches, CH (Counter/Hour) meter and variable speed inverter as standard equipment (Inverters installed on 2 speed models only).

Available in capacities ranging from 250kg to 20 tonnes in optional lift heights.

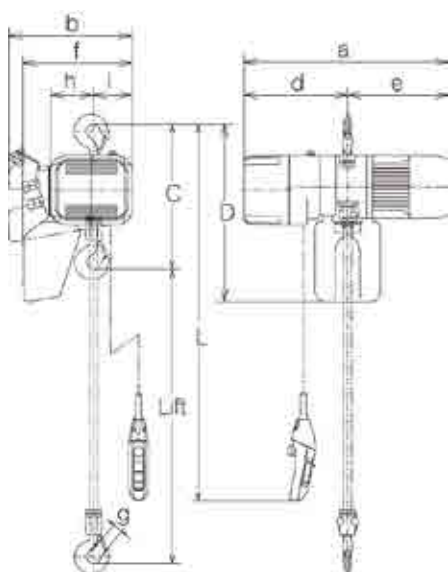
Coupled with the new MR2 Motorised Trolley, the ER2/MR2 combination allows for easier and accurate load positioning in the work place.

### Standard features include:

- Five metres of power supply cable as standard.
- Optional length of lift, pendant cable and power supply cable other than standard available on request.
- Steel chain containers are available as an option if your lift is more than capacity of the standard container volume.
- Patented Friction Clutch allows for reliable overload protection and safety.
- Thermal Protection on Hoist Motor reduces risk of motor burnout.
- Upper/Lower Limit Switch.
- Adjustment free brakes - less maintenance.
- Nickel plated load chain - Added Resistance to rust and abrasion.
- Fan Cooled motor - reduces overheating.
- Condition Monitoring with Counter/Hour Meter - Built in.

**Applications:** Mining, construction, engineering, entertainment

**Australian Standard:** AS1418.2



Capacity (kg)	Model	Part No. (3 metre)	Part No. (6 metre)	D (mm)	a (mm)	b (mm)	d (mm)	e (mm)	f (mm)	g (mm)	h (mm)	i (mm)
<b>ER2 Dimensions</b>												
250	ER2-003S	45801	45961	430	478	321	219	259	260	27	99	93
250	ER2-003IS	45821	-	430	535	345	276	259	284	27	99	117
500	ER2-005L	45802	45962	490	513	348	242	271	283	27	113	106
500	ER2-005IL	45822	-	490	571	348	300	271	283	27	113	106
500	ER2-005S	45803	45963	490	510	348	242	268	283	27	113	106
500	ER2-005IS	45823	-	490	568	348	300	268	283	27	113	106
1000	ER2-010L	45804	45964	550	589	376	291	298	335	31	129	118
1000	ER2-010IL	45824	-	550	614	376	316	298	335	31	129	118
1000	ER2-010S	45805	45965	550	598	376	219	307	335	31	129	118
1000	ER2-010IS	45825	-	550	623	376	316	307	335	31	129	118
1500	ER2-015S	45806	64121	630	646	427	308	338	385	34	161	138
1500	ER2-015IS	45826	-	630	710	427	372	338	384.5	34	160.5	137.5
2000	ER2-020L	45807	45966	630	646	427	308	338	385	39	161	138
2000	ER2-020IL	45827	-	630	710	710	427	338	384.5	39	160.5	137.5
2000	ER2-020S	45808	63453	630	703	427	347	356	385	39	161	138
2000	ER2-020IS	45828	-	630	767	427	411	356	384.5	39	160.5	137.5
2500	ER2-025S	45809	63550	840	736	445	337	399	438	39	174	143
2500	ER2-025IS	45829	-	840	800	445	401	399	437.5	39	173.5	142.5
3000	ER2-030S	45810	63130	920	703	427	347	356	397	44	216	82
3000	ER2-030IS	45830	-	920	767	427	411	356	397	44	216	82
5000	ER2-050S	45811	62866	920	736	445	337	399	439	47	232	85
5000	ER2-050IS	45831	-	920	800	445	401	399	439	47	231.5	84.5

# PWB Electric Hoists & Trolleys

## ➤ MR2 Electric Motorised Trolley

### Standard features include:

- Bearings built in side rollers provide smooth running through the minimum radius curve and excellent traversing performance and assist with derailment prevention.
- Simple gear box construction.
- Improved balance due to a lighter weight geared motor.
- Semi tapered flange wheels - allows use on most monorail beams.
- Speed variations; single low speed, single standard speed, and dual speed - high and low.
- Motor has a pull rotor brake for accurate and safe stopping.
- 10 metre power supply cable as standard.

10 m/min traverse speed available on request.

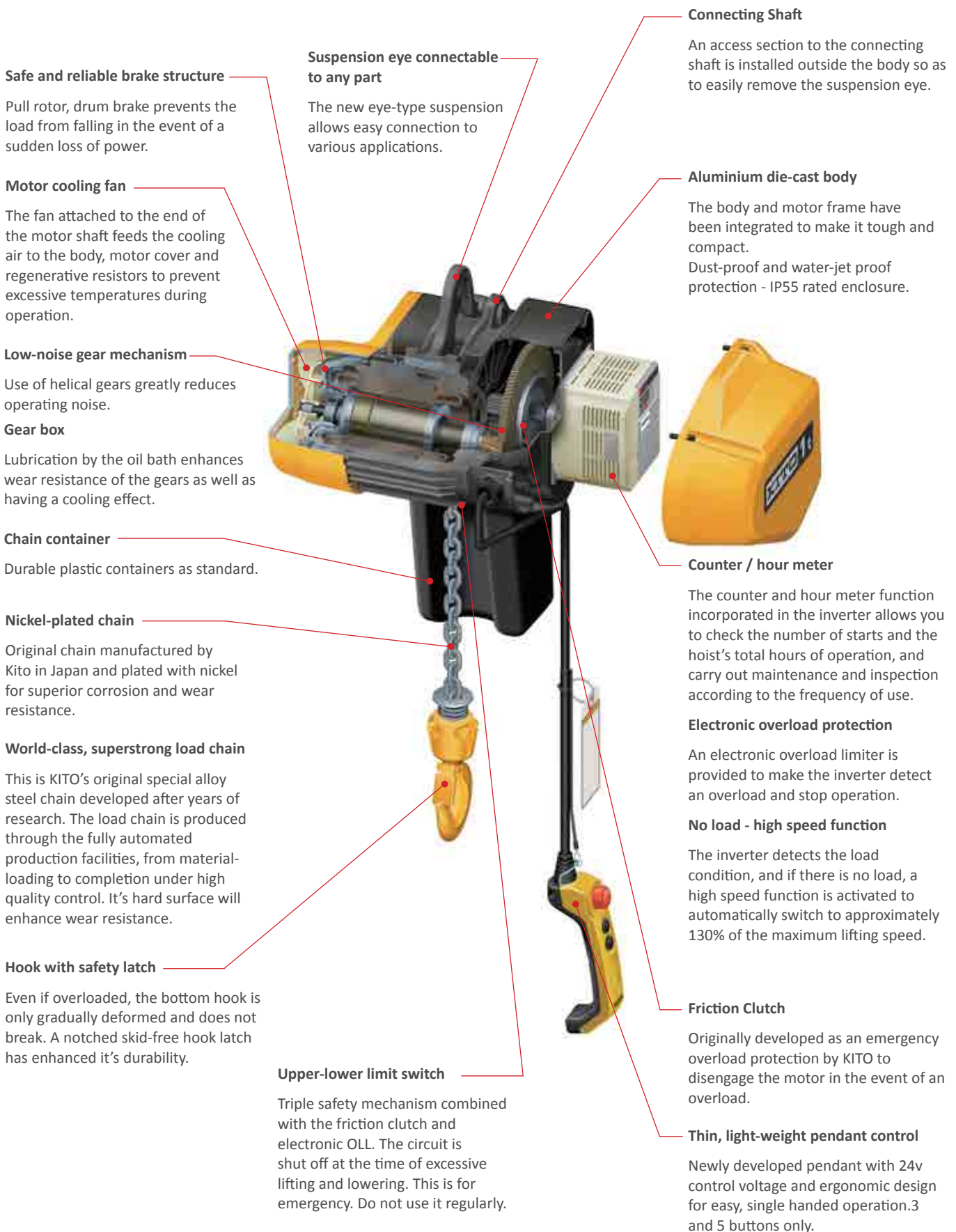
**Applications:** Mining, construction, engineering, entertainment  
**Australian Standard:** AS1418.2



Part No.	Model	Capacity (kg)	Traverse Speed M/Min	Beam Range (mm)	Min Radius (Mtr)
<b>Single speed standard flange width</b>					
45901	MR2-010S	1000	20	58 - 153 Flg	0.8
45902	MR2-020S	2000	20	82 - 178 Flg	0.8
45903	MR2-030S	3000	20	82 - 178 Flg	1.0
45904	MR2-050S	5000	20	100 - 178 Flg	1.8
<b>Dual speed standard flange width</b>					
45921	MR2-01IS	1000	24/4	58 - 153 Flg	0.8
45922	MR2-02IS	2000	24/4	82 - 178 Flg	0.8
45924	MR2-03IS	3000	24/4	82 - 178 Flg	1.0
45925	MR2-05IS	5000	24/4	100 - 178 Flg	1.8
<b>Single speed wide flange</b>					
45911	MR2-010SW	1000	20	154 - 305 Flg	0.8
45912	MR2-020SW	2000	20	179 - 305 Flg	0.8
45913	MR2-030SW	3000	20	179 - 305 Flg	1.0
45914	MR2-050SW	5000	20	179 - 305 Flg	1.8
<b>Dual speed wide flange</b>					
45931	MR2-010ISW	1000	24/4	154 - 305 Flg	0.8
45932	MR2-020ISW	2000	24/4	179 - 305 Flg	0.8
45933	MR2-030ISW	3000	24/4	179 - 305 Flg	1.0
45935	MR2-050ISW	5000	24/4	179 - 305 Flg	1.8

# PWB Electric Hoists & Trolleys

## Key features of the Kito EQ Electric Chain Hoist



### Safe and reliable brake structure

Pull rotor, drum brake prevents the load from falling in the event of a sudden loss of power.

### Motor cooling fan

The fan attached to the end of the motor shaft feeds the cooling air to the body, motor cover and regenerative resistors to prevent excessive temperatures during operation.

### Low-noise gear mechanism

Use of helical gears greatly reduces operating noise.

### Gear box

Lubrication by the oil bath enhances wear resistance of the gears as well as having a cooling effect.

### Chain container

Durable plastic containers as standard.

### Nickel-plated chain

Original chain manufactured by Kito in Japan and plated with nickel for superior corrosion and wear resistance.

### World-class, superstrong load chain

This is KITO's original special alloy steel chain developed after years of research. The load chain is produced through the fully automated production facilities, from material-loading to completion under high quality control. It's hard surface will enhance wear resistance.

### Hook with safety latch

Even if overloaded, the bottom hook is only gradually deformed and does not break. A notched skid-free hook latch has enhanced its durability.

### Suspension eye connectable to any part

The new eye-type suspension allows easy connection to various applications.

### Connecting Shaft

An access section to the connecting shaft is installed outside the body so as to easily remove the suspension eye.

### Aluminium die-cast body

The body and motor frame have been integrated to make it tough and compact. Dust-proof and water-jet proof protection - IP55 rated enclosure.

### Counter / hour meter

The counter and hour meter function incorporated in the inverter allows you to check the number of starts and the hoist's total hours of operation, and carry out maintenance and inspection according to the frequency of use.

### Electronic overload protection

An electronic overload limiter is provided to make the inverter detect an overload and stop operation.

### No load - high speed function

The inverter detects the load condition, and if there is no load, a high speed function is activated to automatically switch to approximately 130% of the maximum lifting speed.

### Friction Clutch

Originally developed as an emergency overload protection by KITO to disengage the motor in the event of an overload.

### Thin, light-weight pendant control

Newly developed pendant with 24v control voltage and ergonomic design for easy, single handed operation. 3 and 5 buttons only.

### Upper-lower limit switch

Triple safety mechanism combined with the friction clutch and electronic OLL. The circuit is shut off at the time of excessive lifting and lowering. This is for emergency. Do not use it regularly.

## ► EQ Electric Chain Hoist - Dual Speed with Inverter

### Standard features include:

- Adjustable speed inverter.
- Counter hour meter.
- IP55 dust and water jet proof body.
- 40/20% duty rating.
- No load, high speed feature.
- Standard 3m and 6m lifts.

**Applications:** Mining, construction, engineering, entertainment and manufacturing.

**Australian Standard:** AS1418.2



Capacity	Part No.	Model	Standard Lift (m)	Lift Speed (m/min)	Headroom (mm)	Load Chain dia (mm) x falls	Weight (kg)
125kg	47106	EQ001IS	3	17-2.8	395	5.6x1	30
250kg	47107	EQ003IS	3	10-1.7	395	5.6x1	30
500kg	47108	EQ005IS	3	7.6-1.3	410	5.6x1	32
1000kg	47109	EQ010IS	3	7.1-1.2	465	7.1x1	42
125kg	47190	EQ001IS	6	17-2.8	395	5.6x1	32
250kg	47191	EQ003IS	6	10-1.7	395	5.6x1	32
500kg	47192	EQ005IS	6	7.6-1.3	410	5.6x1	34
1000kg	47193	EQ010IS	6	7.1-1.2	465	7.1x1	46

## ► MR2Q Electric Motorised Trolley

### Standard features include:

- Side rollers with in-built bearings provide smooth running through the minimum radius curve and excellent traversing performance with derailment prevention.
- Simple gear box construction.
- Improved balance due to a lighter weight geared motor.
- Speed variations.
- Dual Speed, standard and wide beam flange width.

**Applications:** Mining, construction, engineering and manufacturing.



Capacity	Part No.	Model	Traverse Speed M/Min	Beam Range (mm)	Min Radius Mtr
125kg	47162	MR2Q001IS	24/4	58-153	0.8
250kg	47163	MR2Q003IS	24/4	58-153	0.8
500kg	47164	MR2Q005IS	24/4	58-153	0.8
1000kg	47160	MR2Q010IS	24/4	58-153	0.8
125kg	47167	MR2Q001IS	24/4	154-305	0.8
250kg	47168	MR2Q003IS	24/4	154-305	0.8
500kg	47170	MR2Q005IS	24/4	154-305	0.8
1000kg	47165	MR2Q010IS	24/4	154-305	0.8

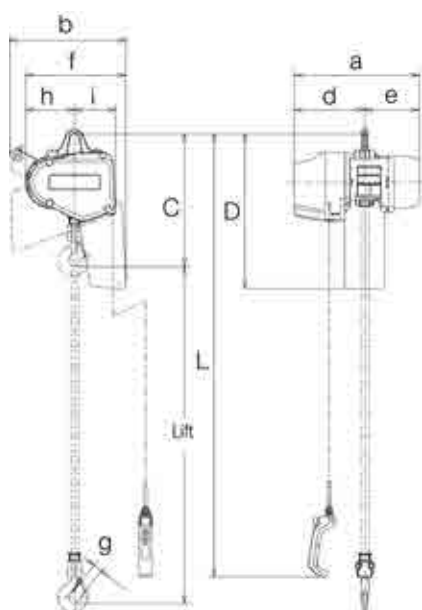
# PWB Electric Hoists & Trolleys

## EQ Electric Chain Hoist Series (415v - 50Hz) - 3 Phase

The new EQ Series Electric Chain Hoist from Kito is economical, lightweight and compact. It incorporates the quality and safety features expected of a Kito hoist.

Available in standard 3 and 6 metre lifts only.

<b>Rated capacity:</b>	125kg - 1 tonne (Dual Speed)
<b>Voltage:</b>	380-440V 50/60Hz/3 Phase
<b>Duty rating:</b>	40/20%
<b>Motor insulation:</b>	Class B
<b>Enclosure:</b>	Hoist body: IP55 Push button control IP65 with emergency stop
<b>Suspension varieties:</b>	Suspension Eye, Adapted motorized trolley available on request
<b>Operating temperature:</b>	-20° to 40° celsius
<b>Operating humidity:</b>	85% RH or less
<b>Suitable industries:</b>	Mining, Construction, Engineering, Entertainment and Manufacturing
<b>Australian standard:</b>	AS1418.2



Capacity	Model	Part No. (3 metre)	Part No. (6 metre)	D (mm)	a (mm)	b (mm)	d (mm)	e (mm)	f (mm)	g (mm)	h (mm)	i (mm)
<b>EQ Dimensions</b>												
125kg	EQ001IS	47106	47190	485	417	367	230	187	298	27	137	128
250kg	EQ003IS	47107	47191	485	417	367	230	187	298	27	137	128
500kg	EQ005IS	47108	47192	485	417	367	230	187	298	27	137	128
1000kg	EQ010IS	47109	47193	535	433	403	245	188	332	31	154	142



## ► EDL Series Electric Chain Hoist (240v - 50Hz)

This compact single phase Electric Hoist available in Single or Dual Speed, is ideal for lifting small loads that are too heavy to be handled manually. The EDL range of single phase hoists from KITO feature heavy duty motors with automatic load brake and overload clutch, an IP54 rated lightweight compact aluminium body.

**Rated capacity:** 100kg to 480kg

**Voltage:** 240V 50Hz

**Control voltage:** Low voltage control is standard

**Motor insulation:** Class F

**Enclosure:** Single speed/ Dual speed - IP54 (dust proof and water protected)  
Cylinder - IP44  
IP65 Pendant with emergency stop

**Suspension varieties:** Hook, mini trolley, universal trolley, manual trolley

**Operating temperature:** -20 to 40 degrees

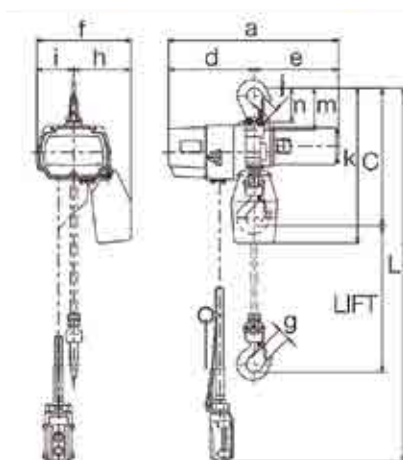
**Operating humidity:** 85% RH or less

### Standard features include:

- 30% ED Rating.
- Patented 'Friction Clutch' allows for reliable overload protection and safety.
- Upper Limit Switch.
- Motor has high performance mechanical brake for safe stopping.
- Nickel plated load chain allows for added resistance to rust and wear.

**Applications:** Mining, construction, engineering

**Australian Standard:** Complies to AS1418.2



Model	a (mm)	d (mm)	e (mm)	f (mm)	h (mm)	i (mm)	g (mm)	j (mm)	k (mm)	m (mm)	n (mm)
<b>EDL Dimensions</b>											
EDL10S	371	187	184	205	125	80	25	25	340	92	73
EDL18S	371	187	184	205	125	80	25	25	340	92	73
EDL16S	428	205	223	219	135	84	25	25	362	92	73
EDL24S	428	205	223	219	135	84	25	25	362	92	73
EDL06ST	371	187	184	205	125	80	25	25	340	92	73
EDL10ST	371	187	184	205	125	80	25	25	340	92	73
EDL18ST	371	187	184	205	125	80	25	25	340	92	73
EDL16ST	428	205	223	219	135	84	25	25	362	92	73
EDL24ST	428	205	223	219	135	84	25	25	362	92	73
EDCL10SD	371	187	184	205	125	80	25	25	340	92	73
EDCL18SD	371	187	184	205	125	80	25	25	340	92	73
EDCL16SD	428	205	223	219	135	84	25	25	362	92	73

## ➤ EDL Single Speed - Pendant Control



Capacity	Part No.	Model	Standard Lift (m)	Lift Speed (m/min)	Headroom (mm)	Load Chain dia (mm) x falls	Weight (kg)	Load Chain Dia x Pitch (mm)	Load Chain Part No.
100kg	45398	EDL10S	3.0	13.0	315	4.0 x 1	12	4.0x12.0	48351
160kg	48347	EDL16S	3.0	20.0	330	4.0 x 1	16	4.0x12.0	48351
180kg	45399	EDL18S	3.0	8.0	315	4.0 x 1	12	4.0x12.0	48351
240kg	48348	EDL24S	3.0	13.5	330	4.0 x 1	16	4.0x12.0	48351
480kg	62445	EDL48S	3.0	6.7	520	4.0 x 2	21.5	4.0X12.0	48351

## ➤ EDL Dual Speed - Pendant Control



Capacity	Part No.	Model	Standard Lift (m)	Lift Speed (m/min)	Headroom (mm)	Load Chain dia (mm) x falls	Weight (kg)	Load Chain Dia x Pitch (mm)	Load Chain Part No.
100kg	45400	EDL10ST	3.0	13.0/3.0	315	4.0 x 1	12.5	4.0x12.0	48351
160kg	44282	EDL16ST	3.0	20.0/5.0	330	4.0 x 1	16.5	4.0x12.0	48351
180kg	45401	EDL18ST	3.0	8.0/3.0	315	4.0 x 1	12.5	4.0x12.0	48351
240kg	48349	EDL24ST	3.0	13.5/3.0	330	4.1 x 1	16.5	4.0x12.0	48351
480kg	61866	EDL48ST	3.0	6.7/2.0	520	4.0 x 2	21.5	4.0X12.0	48351

## ➤ EDCL Dual Speed - Cylinder Control



Capacity	Part No.	Model	Standard Lift (m)	Lift Speed (m/min)	Headroom (mm)	Load Chain dia (mm) x falls	Weight (kg)	Load Chain Dia x Pitch (mm)	Load Chain Part No.
100kg	45402	EDCL10SD	1.8	20.0/4.0	960	4.0 x 1	15	4.0x12.0	48351
240kg	44209	EDCL24SD	1.8	13.5/3.0	960	4.0 x 1	19	4.0x12.0	48351

## ► EF Electric Chain Hoist

The EF/SHL range of heavy duty single phase electric hoists are light and compact units with aluminium die-cast bodies that are available in 500kg and 1 tonne capacities.

<b>Rated capacity:</b>	Single phase hoist: 500 to 1000kg
<b>Voltage:</b>	240V 10amp power supply
<b>Control voltage:</b>	24V
<b>Motor insulation:</b>	Class B
<b>Enclosure:</b>	IP54 (dust proof and water protected) IP65 Pendant with emergency stop
<b>Suspension varieties:</b>	Hook/Trolley
<b>Operating temperature:</b>	-20 to 40°
<b>Operating humidity:</b>	85% RH or less

### Standard features includes:

- Exclusive pull-rotor type motor braking system provides high braking capability for the most sure way to stop the load at the desired position.
- Totally enclosed exclusive pull rotor type motor permits ideal operation of hoists.
- KITO's friction clutch, which prevents from overloading, allows the motor to run free at the highest and lowest hook positions.
- Aluminium die-cast hoist body provides lighter weight, compactness, high mobility and rapid heat dissipation.
- Totally enclosed weather-resistant construction makes it ideal for use in humid atmospheres.
- Case hardened chain.
- Highly insulated push button station.
- Drop-forged heat treated hook does not fracture but opens slowly when excessively overloaded.
- Emergency stop device available on request.

**Applications:** Mining, construction, engineering

**Australian Standard:** Complies to AS1418.2



Capacity	Part No. 3 Metre	Model	Lift Speed (m/min)	Load Chain dia (mm) x falls	Headroom (mm)	Weight (kg)	Load Chain Dia x Pitch (mm)	Load Chain Part No.
500 kg	45586	EF/SHL005S	3.5	6.3 x 1	560	45	6.3X19	43206
1 tonne	45587	EF/SHL010L	1.8	6.3 x 2	635	50	6.3X19	43206

## ► EHL Series Chain Air Hoist

EHL Air hoists from Endo Kogyo are fitted with rotary vane motors in strong lightweight aluminium bodies, for easy handling in a variety of industrial and construction applications. Variable speed models available in either cord or pendant controls with optional lift heights.

### Standard features include:

- Compact and lightweight ensures ease of handling .
- Operation speed depends on the amount of pressure applied to the push buttons or how hard the control rope is pulled.
- Installation - simply connect the air hose.
- Precise variable lifting and high speed.
- Quality load chain allowing high frequency of use.
- Upper and lower limit switches.

**Applications:** Mining, construction, engineering, offshore

**Australian Standard:** AS1418.2



Capacity	Part No. 3 Metre (Pendant)	Part No. 3 Metre (Pull Cord)	Model	Lift Speed (m/ min)	Load Chain Dia (mm) x fall	Headroom (mm)	Weight (kg)	Load Chain Dia x Pitch (mm)	Load Chain Part No.
125kg	44519	NA	AT125K	14.5	4.0 x 1	790	12.5	4x12	48351
500kg	49251	49250	EHL05TS	10.5	6.3 x 1	365	19	6.3x19	43206
1 tonne	49253	49252	EHL1TW	5.2	6.3 x 2	440	25	6.3x19	43206
1 tonne	63538	48237	EHL1TS	6.0	7.1 x 1	480	34	7.1x21	46745
2 tonne	48238	48239	EHL2TW	3.0	7.1 x 2	540	42	7.1x21	46745
3 tonne	44181	44998	EHL3TS	3.0	12.5 x 1	585	75	12.5x38	46752
6 tonne	47609	45000	EHL6TW	1.5	12.5 x 2	770	96	12.5x38	46752

## ► MTH Series Air Trolley

- Used in conjunction with the EHL Air Hoist.
- Designed for easy handling and high speed performance.
- Available in pendant control with 2 directional functions.

**Applications:** Mining, construction, engineering, offshore

**Australian Standard:** AS1418.2



Capacity	Part No.	Model	Travel Speed (m/min)	Beam Range (mm)	Min Beam Radius (mm)	Control Type	Weight (kg)
<b>Standard Flange Width</b>							
1 tonne	44610	MTH-1T	28.0	75-125	800	Pendant	35.0
2 tonne	44611	MTH-2T	18.0	125-150	1000	Pendant	63.0
6 tonne	44612	MTH-6.3T	19.0	150-190	2500	Pendant	127.0
<b>Wide Beam Flange Width</b>							
1 tonne	TBA	MTH-1T	28.0	154-305	800	Pendant	35.0
2 tonne	TBA	MTH-2T	18.0	154-305	1000	Pendant	63.0
6 tonne	TBA	MTH-6.3T	19.0	154-305	2500	Pendant	127.0

## ► EHW Series Air Hoists

Designed for Wire Rope lift, the ENDO EHW Air Hoist is available in hook or pendant control with a cone brake system.

### Standard features include:

- Heat treated planetary reduction gears are small and lightweight and can take a large speed reduction ratio.
- Control valve is engineered with spool valves of spring return in 2 positions and 3 ports. The valve works by controlling the lever switch connected with the spool.
- The cone brake system is suited to wire rope hoists and has a control valve integrated with the proper speed reduction mechanism at air motor, finally achieving the excellent control.
- Reverse winding protection is incorporated in EHW air hoist series. When the wire rope is pulled out 1.9m, the system makes the air motor stop automatically.

**Applications:** Mining, construction, engineering

**Australian Standard:** AS1418.2



Capacity	Part No.	Model	Standard Lift (m)	Lift Speed (m/min)	Headroom Hook Suspended (mm)	Control Type	Weight (kg)
120kg	44992	EHW-120	1.9	16.0	680	On Hook	9.5
120kg	44993	EHW-120R	1.9	16.0	630	Pendant	9.7
250kg	44182	AH-250R	2.5	11.0	745	Pendant	18.2

## PWB Anchor **Extras**

To complement the power hoisting product range, PWB Anchor offers a range of products with additional benefits to suit your requirements.

### ▶ Radio Remote Controls

When the traditional hand held Pendant Control becomes cumbersome or does not suit the application, PWB Anchor offers a Radio Remote Control system that allows the operator to work away from the hoist, yet be in control of its operation. Complete with a transmitter and receiver system that can be operated from various angles and distances, thereby allowing for platform or restricted access use.

This feature can be fitted to a range of electric hoists to suit your application.

### ▶ Chain Buckets / Bags

Standard lift hoists are fitted with either plastic chain buckets or canvas chain bags. For longer lifts, PWB Anchor offers a range of larger canvas bags or steel buckets that may be attached to the hoists and cater for the storage of load chain during the lifting or lowering process.

This feature is dependant on the length of lift and size of load chain used in the hoist.

### ▶ Cable Trolleys

Specifically designed to suspend the power supply cable to your hoist or motorised trolley. These small cable trolleys are supplied with the power cable or can be purchased seperately. Cable Trolleys can be fitted and suspended on 4mm cable wire

### ▶ Extra Close Headroom Hoists

Some workplace environments restrict or limit space and access. Should your application have a limited space or headroom problem, PWB Anchor is able to assist with extra close headroom hoists, either from our existing range or from one of our specialised suppliers.

### ▶ Hoist Maintenance and Training

As a leading supplier of power hoisting products, PWB Anchor is committed to providing reliable products of the highest standard. We are committed to providing the training on our hoist products to ensure they are used safely. PWB Anchor provides training through our distributors and directly to a wide variety of user groups. Maintenance or repair is also available through a range of service agents.

Contact your local PWB Anchor branch for further details on any of the above products or services.

