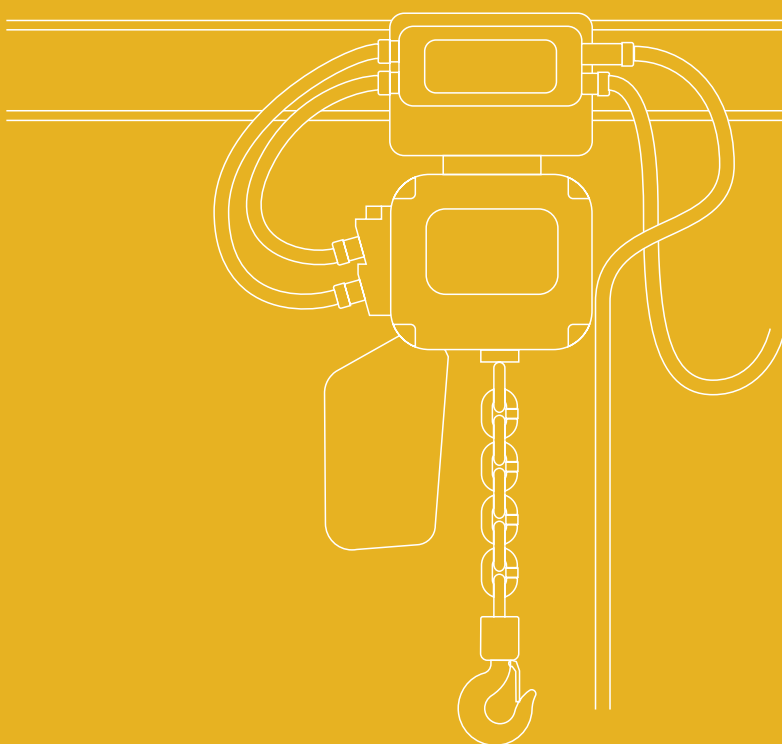




Productivity

Power hoists designed to lift your work rate



PWB
ANCHOR

The lifting equipment specialists

POWER HOISTS



PWB Anchor Power Hoisting

The key to easy continuous work flow

The comprehensive range of PWB Anchor power hoist products have been designed and manufactured for use in a wide variety of industrial applications. Highly versatile and easy to use, PWB Anchor electric and pneumatic hoists range in capacity from 60kg to 20 tonnes and along with their ancillary products, provide smooth operation in the manufacturing process.

Standard Features

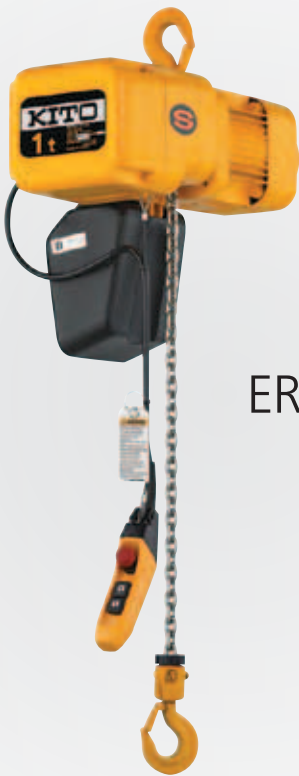
- Available in single and dual speed models
- Capacities ranging from 60kg to 20 tonnes
- Dust and water jet proof body with IP55 or IP54 rating
- 24V pendant with IP65 rating
- 60% hoist motor duty rating
- Heavy-duty fan cooled motors
- Automatic load brake and overload clutch
- Air hoists feature rotary vane motors with cord or pendant control
- Trolleys available in motorised, push and geared models
- Optional lift heights available on all models

PWB Anchor **Electric Hoists & Trolleys** (415V–50Hz)

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.

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

ER2 Series Electric Chain Hoist: Single Speed



Capacity	Part No. 3 Metre	Part No. 6 Metre	Model	Lifting Speed m/min	Load Chain Dia (mm) x fall	Headroom (mm)
250 kg	45801	45961	ER2-003S	9.1	4.3 x 1	350
500 kg	45802	45962	ER2-005L	3.8	6.0 x 1	370
500 kg	45803	45963	ER2-005S	7.3	6.0 x 1	370
1 tonne	45804	45964	ER2-010L	3.5	7.7 x 1	430
1 tonne	45805	45965	ER2-010S	7.1	7.7 x 1	430
1.5 tonne	45806	–	ER2-015S	4.5	10.2 x 1	510
2 tonne	45807	45966	ER2-020L	3.7	10.2 x 1	575
2 tonne	45808	–	ER2-020S	7.0	10.2 x 1	590
2.5 tonne	45809	–	ER2-025S	5.7	11.2 x 1	625
3 tonne	45810	–	ER2-030S	4.4	10.2 x 2	785
5 tonne	45811	–	ER2-050S	2.9	11.2 x 2	850

5 metre power supply cable (plug not included)

Australian Standard AS1418.2, ASME HST (USA) H4 Duty Class

ISO Heavy Duty Classification M4 & M5, FEM (Europe) 1Am & 2m rating

ER2 Series Electric Chain Hoist: Dual Speed with Inverter

Capacity	Part No. 3 Metre	Model	Lifting Speed m/min	Load Chain Dia (mm) x fall	Headroom (mm)
250kg	45821	ER2-003IS	10.8 – 1.8	4.3 x 1	350
500kg	45822	ER2-005IL	4.5 – 0.8	6.0 x 1	370
500kg	45823	ER2-005IS	8.5 – 1.4	6.0 x 1	370
1 tonne	45824	ER2-010IL	4.2 – 0.7	7.7 x 1	430
1 tonne	45825	ER2-010IS	8.2 – 1.4	7.7 x 1	430
1.5 tonne	45826	ER2-015IS	5.3 – 0.9	10.2 x 1	510
2 tonne	45827	ER2-020IL	4.3 – 0.7	10.2 x 1	575
2 tonne	45828	ER2-020IS	8.2 – 1.4	10.2 x 1	590
2.5 tonne	45829	ER2-025IS	6.6 – 1.1	11.2 x 1	625
3 tonne	45830	ER2-030IS	5.2 – 0.9	10.2 x 2	785
5 tonne	45831	ER2-050IS	3.3 – 0.6	11.2 x 2	850

5 metre power supply cable (plug not included)

Australian Standard AS1418.2, ASME HST (USA) H4 Duty Class

ISO Heavy Duty Classification M4 & M5, FEM (Europe) 1Am & 2m rating

MR2 Motorised Trolley

Complementing the ER2 Electric Chain Hoist range is the MR2 Motorised Trolley which are coupled as an ER2/MR2 combination for easier and accurate load positioning in the workplace.



Capacity	Model	Headroom* (mm)	Beam Range Standard	Beam Range Optional	Travel (m/min)		Min Radius
					Single Speed	Dual Speed	
250kg	ER2M003	375	58–153	154–305	20 (standard) or 10 (optional)	24/4	0.8
500kg	ER2M005	395	58–153	154–305			0.8
1 tonne	ER2M010	435	58–153	154–305			0.8
1.5 tonne	ER2M015	505	82–178	179–305			0.8
2 tonne	ER2M020	570	82–178	179–305			0.8
2.5 tonne	ER2M025	620	82–178	179–305			1.0
3 tonne	ER2M030	765	82–178	179–305			1.0
5 tonne	ER2M050	840	100–178	179–305			1.8

**Applicable to both single and dual speed models*

10 meter power supply cable (plug not included) with cable trolleys

PWB Anchor **Electric Chain Hoists** (240V–50Hz)

EDL Series Electric Chain Hoist

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 for improved safety, and IP54 rated body.



Capacity	Part No.	Model	Standard Lift (m)	Lift Speed (m/min)	Headroom (mm)	Load Chain dia (mm) x falls	Weight (kg)
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Single Speed – Pendant

60kg	tba	EDL06S	3.0	21	315	4.0 x 1	12
100kg	45398	EDL10S	3.0	13.0	315	4.0 x 1	12
160kg	48347	EDL16S	3.0	20.0	330	4.0 X 1	16
180kg	45399	EDL18S	3.0	8.0	315	4.0 x 1	12
240kg	48348	EDL24S	3.0	13.5	330	4.0 x 1	16
480kg	62445	EDL48S	3.0	6.7	520	4.0 x 2	21.5

Dual Speed – Pendant

60kg	tba	EDL06ST	3.0	21.0/4.0	315	4.0 x 1	12.5
100kg	45400	EDL10ST	3.0	13.0/3.0	315	4.0 x 1	12.5
160kg	44282	EDL16ST	3.0	20.0/5.0	330	4.0 x 1	16.5
180kg	45401	EDL18ST	3.0	8.0/3.0	315	4.0 x 1	12.5
240kg	48349	EDL24ST	3.0	13.5/3.0	330	4.1 x 1	16.5
480kg	61866	EDL48ST	3.0	6.7/2.0	520	4.0 x 2	21.5

Dual Speed – Cylinder

100kg	48345	EDCL10SD	1.8	13.0/3.0	945	4.0 x 1	15
160kg	45402	EDCL16SD	1.8	20.0/4.0	960	4.0 x 1	19
240kg	44209	EDCL24SD	1.8	13.5/3.0	960	4.0 x 1	19

Available in various lift heights to suit your application.

Supplied with 30v Pendant Control

Push trolley (TMH250) to suit EDL hoists available on request

EF/SHL Series Electric Hoist

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

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

Available in various lift heights to suit your application.

Supplied with 24v Pendant Control

PWB Anchor Air Operated Hoists & Trolleys

EHL Series Chain Air Hoist

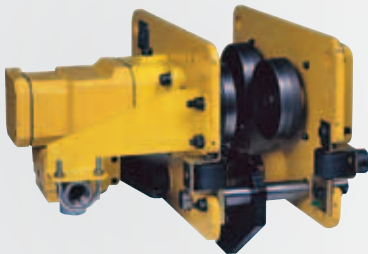
PWB Anchor EHL Air Hoists from Endo Kogyo are fitted with rotary vane motors in strong lightweight aluminum bodies, for easy handling in a variety of industrial and construction applications. Variable speed models available in either cord or pendant controls with optional lift heights.



Capacity	Part No. 3 Metre (Pendant)	Part No. 3 Metre (Pull Cord)	Model	Lift Speed (m/min)	Load Chain Dia (m) x fall	Headroom (mm)	Weight (kg)
125kg	44519	NA	AT425K	12.0	4.0 x 1	790	125
500kg	49251	49250	EHL05TS	10.5	6.3 x 1	365	19
1 tonne	49253	49252	EHL1TW	5.2	6.3 x 2	440	25
1 tonne	48236	48237	EHL1TS	6.0	7.1 x 1	480	34
2 tonne	48238	48239	EHL2TW	3.0	7.1 x 2	540	42
3 tonne	44181	44998	EHL3TS	3.0	12.5 x 1	585	75
6 tonne	47609	45000	EHL6TW	1.5	12.5 x 2	770	96

MTH Series Air Trolley

Used in conjunction with the EHL Air Hoist. The compact MTH Air Trolley is designed for easy handling and high speed performance. Available in Pendant control with 2 directional functions.



Capacity	Part No.	Model	Travel Speed (m/min)	Beam Range (mm)	Min Beam Radius (mm)	Control Type	Weight (kg)
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

EHW Series Wire Rope Air Hoists

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



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

NOTE: For optimum performance, installation of a filter, regulator and lubricator is recommended

PWB Anchor Girder Trolleys & Clamps

Push & Geared Trolleys

Designed to travel along RSJ, universal beams and universal columns, the PWB Anchor range of push and geared trolleys suits a variety of beam widths to provide an easy and convenient means to moving a load.



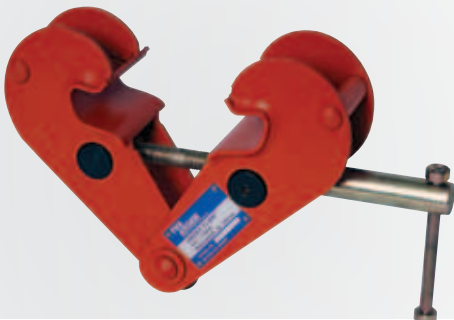
Capacity	Beam Range (mm)	Part No. (Push)	Weight (kg)	Part No. (Geared **)	Weight (kg)	Headroom* (mm)	Wheel Dia. Running surface (mm)	Min. Radius (m)
250kg	32-51	44439	3	-	-	86	48	0.9
	64-152	49175	7	-	-			
500kg	64-210	49353	16	-	-	110	58	0.9
	210-270	49354	18	-	-			
1 tonne	64-210	49176	16	49183	20	136	88	0.9
	210-268	49355	18	63697	25			
	268-330	49282	20	61605	28			
2 tonne	89-210	49177	24	49184	30	155	100	1.5
	210-268	44103	27	44102	32			
3 tonne	268-330	44641	29	63698	35			
	102-210	49178	44	49185	54	200	130	1.8
4 tonne	210-268	49179	52	49186	70			
	268-330	49696	54	62318	82			
5 tonne	102-210	49338	44	49605	54	200	130	1.8
	114-210	49180	74	49187	86			
	210-268	49181	85	49188	97	252	155	2.4
6 tonne	268-330	49296	87	49625	102			
	114-210	49340	74	65841	86	252	155	1.8
10 tonne	127-210	49182	155	49189	175	288	195	3.7
	210-330	49760	170	64124	205			
20 tonne	210-330	-	-	64125	355	270	150	NA

*Running surface of track wheel to hooking surface of hanger plate

** 2.5 metre standard drop hand chain (optional lengths available on request)

Girder Clamps

Featuring a single threaded adjustment pin, for simple and easy installation, PWB Anchor Girder Clamps are supplied in a durable electrostatic enamel finish.



Capacity	Part No.	Beam Range (mm)	Headroom (min/mm)	Headroom (max/mm)	Suspension pin dia. (mm)	Weight (kg)
1 tonne	48246	65-230	78	135	20.3	4.8
2 tonne	48247	65-230	78	135	20.3	5.5
3 tonne	48248	100-250	100	160	22.1	11.8
5 tonne	48249	100-320	119	159	40.0	16.0
10 tonne	48476	130-320	150	205	53.0	31.0

NOTE: Maximum headroom for narrowest beam width decreases as beam width is increased.

PWB Anchor **Spring Balancers**

The PWB Anchor range of Endo Spring Balancers are designed for the suspension of electric or pneumatic power tools, or for hanging tools, parts or welding equipment at workstations or assembly lines. Available in varying adjustable weight ranges

EW/EFW Series Spring Balancer

Coupled with the lightweight range of the EK Series, the EW/EFW range of Spring Balancers is a popular choice for positioning of tools.



Capacity Min. (kg)	Capacity Max. (kg)	Part No.	Model	Stroke (m)	Weight (kg)
0.3	0.6	43997	ERP-06	1.5	0.4
0.5	1.5	43335	EK-00	0.5	0.2
0.5	1.5	43334	EK-0	1.0	0.5
1.0	3.0	47885	EW-3	1.3	1.4
2.5	5.0	47886	EW-5	1.3	1.5
4.5	9.0	44263	EFW-9	1.3	3.5
9	15	44264	EFW15	1.3	3.8
15	22	44265	EFW22	1.5	7
22	30	44266	EFW30	1.5	7.6
30	40	44267	EFW40	1.5	9.8
40	50	44268	EFW50	1.5	10.2
50	60	44269	EFW60	1.5	11.6
60	70	44270	EFW70	1.5	11.9

ELF Series Spring Balancer

The ELF Series is ideal for applications for Balancers that require a longer stroke.



Capacity Min. (kg)	Capacity Max. (kg)	Part No.	Model	Stroke (m)	Weight (kg)
1.5	3.0	45508	ELF-3	2.5	4.1
3.0	5.0	45509	ELF-5	2.5	4.2
5.0	9.0	45510	ELF-9	2.5	4.7
9.0	15.0	45794	ELF-15	2.5	10.0
15.0	22.0	45795	ELF-22	2.5	10.2
22.0	30.0	45796	ELF-30	2.5	11.0
30.0	40.0	45797	ELF-40	2.5	14.0
40.0	50.0	45798	ELF-50	2.5	14.5
50.0	60.0	45799	ELF-60	2.5	17.0
60.0	70.0	45800	ELF-70	2.5	18.1

Air Tool Balancers

Specifically designed for the suspension of air tools, the ATB has the function of both hose reel and balancer.



Capacity Min. (kg)	Capacity Max. (kg)	Part No.	Model	Hose Travel (m)	Weight (kg)
0.5	1.5	43351	ATB-0	1.3	1.6
1.5	3.0	43352	ATB-1	1.3	1.7

PWB Anchor Entertainment Hoists (415V–50Hz)

The range of CM Lodestar and Prostar Entertainment Hoists from PWB Anchor are easy to handle, operate and maintain. Protected by a lifetime warranty (conditions apply) and designed for versatile operation in the inverted position, PWB Anchor Entertainment Hoists are supplied in a black powder coat finish for durability and are available in a range of capacities and can be chained up to your specific lift requirements.

CM Lodestar Electric Hoist

The CM Lodestar is extensively used within the Entertainment Industry in all types of venues and various applications. It features adjustable limit switch and overload protection.

Supplied in lift heights to suit your requirements.



Capacity	Model	Lift/Speed (m/min)	Load Chain Dia (mm) x fall	Headroom (mm)
500kg	F	4	6.3 x 1	413
1 tonne	L	4	7.9 x 1	472
2 tonne	R	4	7.9 x 2	613
2 tonne	RR	2	7.9 x 2	613

Other models and capacities available on request.

CM Prostar Electric Hoist

The CM Prostar model is designed and built for the unique rigging applications encountered at small venues. Lightweight, quiet, portable and features overload protection.

Supplied in lift heights to suit your requirements.



Capacity	Model	Lift/Speed (m/min)	Load Chain (mm)	Headroom (mm)
250kg	250	4	3.98	281

Other models and capacities available on request.

Entertainment Clamp

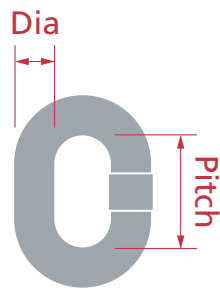
In a distinctive black powder coat finish and simple installation, for use with the Entertainment Hoist range.



Capacity	Part No.	Beam Range (mm)	Headroom (min/mm)	Headroom (max/mm)	Suspension	Weight (kg)
1 tonne	45785	65–230	78	135	20.3	4.8

PWB Anchor **Load Chains**

There is a replacement Load Chain to suit every PWB Anchor Power Hoist.



ER2 Series Electric Hoists

Dia x Pitch (mm)	Part No.
4.3 x 12.0	45951
6.0 x 16.7	45952
7.7 x 21.4	45953
10.2 x 28.4	45954
11.2 x 31.2	45955

ED Series Electric Hoist

Dia x Pitch (mm)	Part No.
4.0 x 12.0	48351

EF/SHL Series Electric Hoists

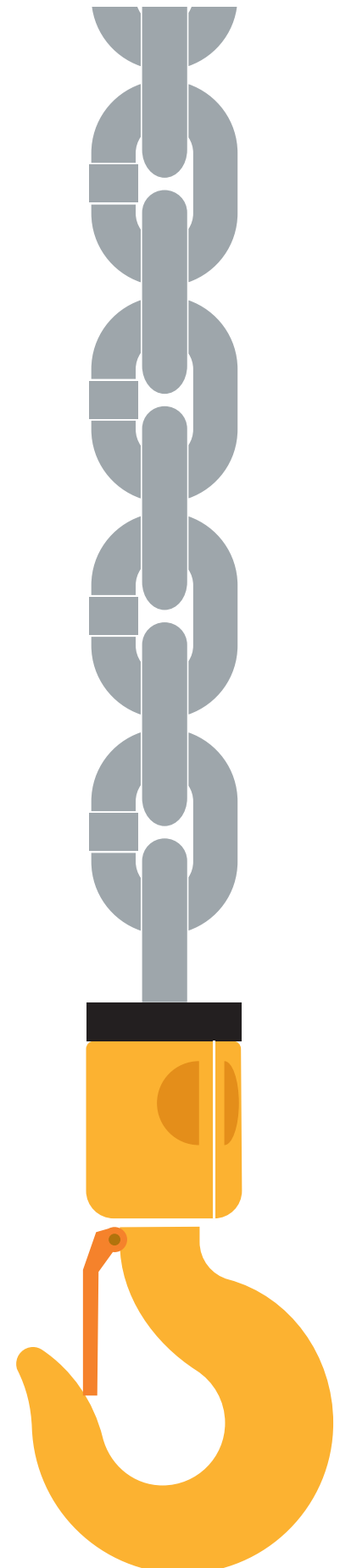
Dia x Pitch (mm)	Part No.
6.3 x 19.0	43206

Air Operated Hoists

Dia x Pitch (mm)	Part No.
4.0 x 12.0	48351
6.3 x 19.0	43206
7.1 x 21.0	46745
12.5 x 38.0	46752

Lodestar/Prostar Electric Hoists

Dia x Pitch (mm)	Part No.
3.98 x 11.98	44301
6.3 x 19.0	43746
7.9 x 21.8	46747



Note: Load Chains are not interchangeable between Hoists

PWB Anchor **Extras**

To complement the Power Hoisting product range, PWB Anchor offers a range of various 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 in control of its operation.

Complete with a transmitter and receiver system that can be operated from various angles and distances, thus 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 that suit a range of lifts. 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 available separately and attached to the power cable and can be fitted and suspended on 4mm cable wire or catenary system.

Refer PWB Anchor Part No 45387.

Extra Close Headroom Hoists

Some workplace environments restrict or limit space and access, and 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 to the highest standard and the training to use them safely.

PWB Anchor provides training through our distributors and directly to a wide variety of user groups and maintenance 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.

Every care has been taken to ensure the accuracy of information contained in this document which supersedes earlier publications, however PWB Anchor Ltd shall not be liable for any loss or damage howsoever caused arising from the application of such information.

PWB Anchor Ltd maintains a policy of progress development of products and reserves the right to alter without notice, the specifications shown within this document.

Care and Safety Instructions for PWB Anchor Power Hoists and Trolleys

Safety

Danger exists when heavy loads are transported, particularly when the equipment is not being used properly 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 Hoists and Trolleys.

Before use

- Always** read the owner's manual and safety instructions
- Never** lift more than capacity shown on the hoist name plate
- Always** check that the hook latches work properly and replace missing or broken hook latches
- 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 modified or deformed hook
- Never** use a hoist in an explosive atmosphere

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

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Securing a reputation for excellence

Since 1923 PWB Anchor has been recognised as a leader in the manufacture and supply of premium quality chain and lifting equipment. With a vast distribution network, extensive stock holdings and spare parts, ISO 9001 accreditation and technical back-up, PWB Anchor provides a comprehensive lifting package.

PWB Anchor Limited

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Quality
ISO 9001

SAI GLOBAL