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CHAIN BLOCKS

MANUAL CHAIN BLOCKS



Product Code	Rated Capacity	Lift Height	Hand Force When Fully Loaded	Load Chain Falls	G80 Load Chain Size	Min. Dist. Btw. Head Hooks (Headroom)	Hand Chain Diameter	Hand Chain Drop	Net Weight
	kg	m	N	No.	Ø xmm	mm	Ø xmm	m	kg
10045025	250	3	190	1	4.0 x 12	280	5 x 23.7	2	6
10045050	500	3	210	1	5.0 x 15	280	5 x 23.7	2	9
10045056	500	6	210	1	5.0 x 15	280	5 x 23.7	5	10
10045100	1,000	3	285	1	6.3 x 19	330	5 x 23.7	2	12
10045106	1,000	6	285	1	6.3 x 19	330	5 x 23.7	5	15
10045150	1,500	3	325	1	7.1 x 21	360	5 x 23.7	2	14
10045156	1,500	6	325	1	7.1 x 21	360	5 x 23.7	5	18
10045200	2,000	3	355	1	8.0 x 24	385	5 x 23.7	2	20
10045206	2,000	6	355	1	8.0 x 24	385	5 x 23.7	5	25
10045300	3,000	3	340	2	7.1 x 21	510	5 x 23.7	2	23
10045306	3,000	6	340	2	7.1 x 21	510	5 x 23.7	5	29
10045500	5,000	3	400	2	9.0 x 27	615	5 x 23.7	2	39
10045506	5,000	6	400	2	9.0 x 27	615	5 x 23.7	5	50

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HOISTS, TROLLEYS & BEAM CLAMPS


Incorporate the latest technology to assure you of a high quality device which is easy to use and safe for the operator. Every hoist is inspected and tested upon receipt in New Zealand to ensure compliance with AS1418.2. Improved braking performance ensures the integrity of the load under all conditions.

Design improvements mean up to 25% less operator effort to lift the load. New style load hooks with cast, notched safety latches increase safety and lengthen service life of the latches. All key internal components are CNC machined for enhanced product reliability.

- Manufactured to comply with AS1418.2
- Suitable for operating temperatures -10°C to +50°C
- Manufactured in China.




 • All Cookes Manual Chain Blocks can have longer load chains and hand chains fitted to suit your specific requirements.
 • Refer following page for spare parts.


 • **Never exceed the Rated Capacity!**
 • **Never use a hoist for lifting, supporting or transporting people.**
 • **Never support a load on the tip of a hook.**

CHAIN BLOCKS

CHAIN BLOCK SPARES

Hand Chain & Load Chain



Product Code	Description	To Suit Models	Size
			Ø xmm
10045020	Hand Chain	All Models	5.0 x 23.7
10067329	Load Chain	250 Kg	4.0 x 12.0
10067330	Load Chain	500 Kg	5.0 x 15.0
10067331	Load Chain	1,000 Kg	6.3 x 19.0
10067333	Load Chain	1,500 & 3,000 Kg	7.1 x 21.0
10067335	Load Chain	2,000 Kg	8.0 x 24.0
10067336	Load Chain	5,000 Kg	9.0 x 27.0

Brake Discs, Hooks & Safety Catches

Chain Block	Rated Capacity of Hoist (kg)	Brake Discs	Top Hook	Bottom Hook	Hook Safety Latch
Product Code		Product Code	Product Code	Product Code	Product Code
10045025	250	10045025BD	10045025TH	10045025BH	10045025SL
10045050	500	10045050BD	10045050TH	10045050BH	10045050SL
10045056	500	10045050BD	10045050TH	10045050BH	10045050SL
10045100	1,000	10045100BD	10045100TH	10045100BH	10045100SL
10045106	1,000	10045100BD	10045100TH	10045100BH	10045100SL
10045150	1,500	10045150BD	10045150TH	10045150BH	10045150SL
10045156	1,500	10045150BD	10045150TH	10045150BH	10045150SL
10045200	2,000	10045200BD	10045200TH	10045200BH	10045200SL
10045206	2,000	10045200BD	10045200TH	10045200BH	10045200SL
10045300	3,000	10045300BD	10045300TH	10045300BH	10045300SL
10045306	3,000	10045300BD	10045300TH	10045300BH	10045300SL
10045500	5,000	10045500BD	10045500TH	10045500BH	10045500SL
10045506	5,000	10045500BD	10045500TH	10045500BH	10045500SL



- Increasing Height of Lift: All Cookes chain hoists can have longer load chains and hand chains fitted to suit your specific requirements.
- The full range of spare parts are detailed in the Instruction Manual provided with Cookes Chain Blocks.

CHAIN BLOCKS

MANUAL CHAIN BLOCKS

Manual Chain Block c/w Overload Protection

Pacific Hoists

Product Code	Rated Capacity	Lift Height	Hand Force When Fully Loaded	Load Chain Falls	G80 Load Chain Size	Hand Chain Diameter	Hand Chain Drop	Net Weight
	kg	m	N	No.	Ø xmm	Ø xmm	m	kg
10067050OL	500	3	210	1	5.0 x 15	5 x 23.7	2	9.0
10067056OL	500	6	210	1	5.0 x 15	5 x 23.7	5	9.5
10067100OL	1,000	3	285	1	6.3 x 19	5 x 23.7	2	12.0
10067106OL	1,000	6	285	1	6.3 x 19	5 x 23.7	5	13.0
10067150OL	1,500	3	325	1	7.1 x 21	5 x 23.7	2	14.0
10067156OL	1,500	6	325	1	7.1 x 21	5 x 23.7	5	15.0
10067200OL	2,000	3	355	1	8.0 x 24	5 x 23.7	2	20.0
10067206OL	2,000	6	355	1	8.0 x 24	5 x 23.7	5	21.0
10067300OL	3,000	3	340	2	7.1 x 21	5 x 23.7	2	23.0
10067306OL	3,000	6	340	2	7.1 x 21	5 x 23.7	5	25.0
10067500OL	5,000	3	400	2	9.0 x 27	5 x 23.7	2	39.0
10067506OL	5,000	6	400	2	9.0 x 27	5 x 23.7	5	42.0
10067900OL	9,000	3	540	4	9.0 x 27	5 x 23.7	2	65.0
10067906OL	9,000	6	540	4	9.0 x 27	5 x 23.7	5	69.0

A compact, easy to use, quality chain block with patented overload limiting device. This device limits the amount of overload that can be lifted, therefore preventing damage to the block.

- Manufactured to comply with AS1418.2.
- Suitable for operating temperatures -10°C to +50°C
- High strength end stop with secondary end anchor for increased safety.
- 'T' type hooks for improved load holding integrity.
- Gear system design for reduced effort when lifting loads.
- Includes a specially designed hand wheel to eliminate hand chain slippage and pocket wear.
- Encapsulated needle bearings and side plate bearings for smoother operation.
- Brake lockout bearing for security of braking mechanism.
- Key internal components are CNC machined before being heat-treated and toughened.
- Fitted with high quality European zinc plated grade 80 load chain.
- No aluminium content which ensures suitability for mining applications.
- Manufactured in China.



• All Pacific Manual Chain Hoists can have longer load chains and hand chains fitted to suit your specific requirements.



- **Never exceed the Rated Capacity!**
- **Never use a hoist for lifting, supporting or transporting people.**
- **Never support a load on the tip of a hook.**

CHAIN BLOCKS

MANUAL CHAIN BLOCKS

VITAL V5 SERIES

Vital is a Japanese brand which is globally recognised for their high quality products. Their range of chain blocks are suited for many applications in the mining, construction, industrial and automotive industry. They have proven to be an economical method to lift heavy loads with ease.

The rated capacities vary from 0.5 tonne to 20 tonne and all chain blocks can be supplied with overload protection for added security of use. Complies with AS1418.2.

Standard features include:

- Manufactured in Japan using optimum high quality steel which complies with the strict JIS & ISO regulations.
- Suitable for operating temperatures -20°C to +60°C
- Designed for long-term use while providing the lowest possible per-use cost.
- Can be supplied close coupled and extra close coupled to girder trolleys to alleviate headroom restrictions.
- All Vital chain blocks can be supplied with overload protection.
- Customised lift height are available upon request.
- Quality caged needle bearings on load sheave, thrust bearings on bottom hook.
- Hardened alloy steel load chain with embossed identification, marked as to the relevant standards.
- Load chain exceeds Australian standards with 5:1 design factor..
- Manufactured in Japan.



KITO M3 SERIES (INDENT OPTION)

KITO rugged M3 chain blocks are manufactured in Japan to exacting standards making them ideal for mining, engineering and construction. Complying with Australian Standard AS1418.2 the M3 series chain blocks offer numerous superior features.

- Available on indent from Australia in rated capacities from 500kg to 10 tonne.
- Suitable for operating temperatures -20°C to +60°C
- Gear case and hand wheel cover resistant to external shocks.
- Braking mechanism inside double enclosure.
- Dry type mechanical brake ensures reliable performance.
- Large dimension double hooks.
- Grade 100 load chain.
- All KITO chain blocks can be supplied with overload protection.
- Available in customised lift heights.
- Manufactured in Japan.



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HOISTS, TROLLEYS
& BEAM CLAMPS



• For further information on the Vital V5 Series or KITO M3 Series chain blocks, contact your local Cookes branch, Freephone 0508 274 366 or email customerservices@bridoncookes.co.nz.

MANUAL GIRDER TROLLEYS

CHOOSING A TROLLEY

Choosing a suitable manual girder trolley for your application.

Push Type

Push trolleys are most often used in areas where no power is readily available. They are moved by manual pushing with the load being lifted by the attached hoist along a monorail. Spacers allow adjustment to suit various beam widths.

- **Single Pin Model:** Popular standard model.
- **Twin Pin Model:** Provides increased headroom for hoist.

Geared Push Type

Geared push trolleys are most often used in areas where no power is readily available. They are hand-operated by pulling on a hand chain. While slower to operate than a non-geared push trolley, they provide increased control over movement and stopping when under load. Spacers allow adjustment to suit various beam widths.



Cooke's Push Girder Trolley
– Single Pin



Pacific Push Girder
Trolley – Twin Pin



Pacific Geared Girder
Trolley – Single Pin



Pacific Geared Girder
Trolley – Twin Pin



- All materials handling or lifting jobs should be assessed individually.
- Hoisting products must not be used for lifting or lowering persons.
- Geared trolleys are recommended for loads over 5 tonne.

MANUAL GIRDER TROLLEYS

PUSH GIRDER TROLLEYS

Cookes Push Girder Trolley – Single Pin



Product Code	Rated Capacity	Beam Width	Headroom	Min. Curve Radius	Net Weight
	kg	mm	mm	m	kg
10046050	500	50 – 152	105.0	0.8	6.0
10046100	1,000	64 – 203	126.5	0.9	11.5
10046200	2,000	88 – 203	146.0	1.0	18.0
10046300	3,000	100 – 203	169.0	1.2	30.0
10046500	5,000	114 – 203	197.0	1.3	44.0

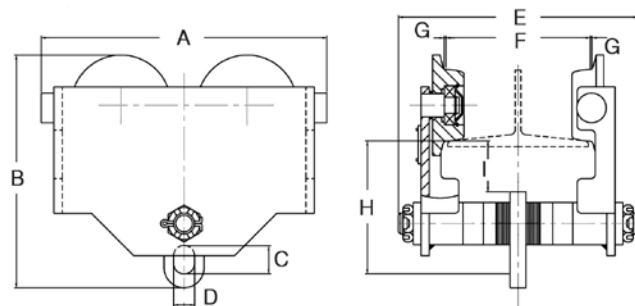
Constructed from high quality steel, the Cookes Push Trolley is designed to provide durable and reliable service at an economical price.

- High quality construction.
- Complies with AS1418.2.
- Fitted with anti-drop plates for improved safety compliance.
- High grade, fully sealed bearings for maintenance free extended life.
- Fully adjustable to suit a range of beam sizes.
- Manufactured in China.



Push Girder Trolley – Dimensions

Capacity (kg)	500	1,000	2,000	3,000	5,000
Product Code	10046050	10046100	10046200	10046300	10046500
A (mm)	223	270	300	356	405
B (mm)	188	224	261	308	354
C (mm)	32	40	52	62	75
D (mm)	24	30	38	40	50
E (mm)	244	310	327	342	354
F (mm)	50 – 152	64 – 203	88 – 203	100 – 203	114 – 203
G (mm)	1.5 – 3	1.5 – 3	1.5 – 3	1.5 – 3	1.5 – 3
H (mm)	105	126.5	146	169	197
I (mm)	31	38	36	40	42



i • The information shown is to be used as a guide only. Specifications are subject to change without notice.

! • **Never exceed the Rated Capacity!**
 • All materials handling or lifting jobs should be assessed individually.
 • Hoisting products must not be used for lifting or lowering persons.

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HOISTS, TROLLEYS & BEAM CLAMPS

MANUAL GIRDER TROLLEYS

PUSH GIRDER TROLLEYS & PIPE TROLLEYS

Pacific Push Girder Trolley – Twin Pin

Pacific Hoists

Product Code	Pacific Hoist Item No.	Rated Capacity	Beam Width	Headroom	Min. Curve Radius	Net Weight
		kg	mm	mm	mm	kg
10069605	PPT305MK	500	50 – 152	75	900	6
10069610	PPT310MK	1,000	64 – 203	96	900	12
10069620	PPT320MK	2,000	88 – 203	110	1,000	18
10069630	PPT330MK	3,000	100 – 203	122	1,200	30
10069650	PPT350MK	5,000	114 – 203	142	1,300	44
10069660	PPT100MK	10,000	124 – 203	160	2,000	90

The Pacific range of girder trolleys include the same quality and safety features found in the Cookes trolley range. Twin pin girder trolleys are designed for low headroom applications.

- High quality construction.
- Complies with AS1418.2.
- Fitted with anti-drop plates for improved safety compliance.
- High grade, fully sealed bearings for maintenance free extended life.
- Fully adjustable to suit a range of beam sizes.
- Manufactured in China.



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HOISTS, TROLLEYS & BEAM CLAMPS

Pacific Pipe Push Trolley

Pacific Hoists

Product Code	Pacific Hoist Item No.	Rated Capacity	Pipe Diameter	Net Weight
		kg	mm	kg
10100304	PPT203	300	60	2.5



Complies with AS4991.

The Pacific Pipe Trolley is compact and light weight. This general purpose powder coated trolley is designed to suit 60mm outside diameter pipes.

- Manufactured in China.



- **Never exceed the Rated Capacity!**
- **All materials handling or lifting jobs should be assessed individually.**
- **Hoisting products must not be used for lifting or lowering persons.**
- **Caution should be taken when choosing girder trolleys for loads heavier than 5 tonne. In most cases a geared trolley is recommended for such loads to provide required control when stopping movement.**

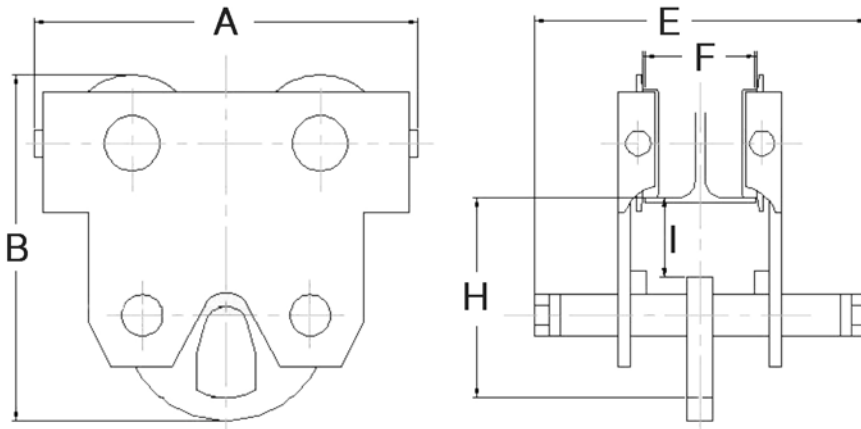
MANUAL GIRDER TROLLEYS

DIMENSIONAL DRAWINGS

Pacific Push Girder Trolley – Twin Pin



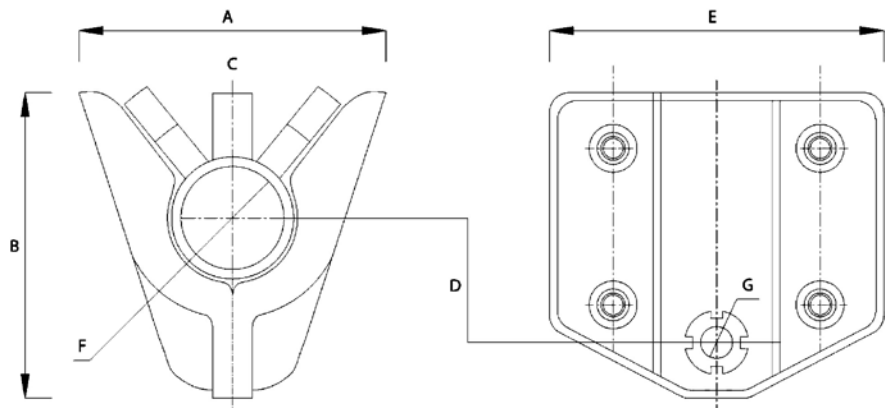
Model	PPT305MK	PPT310MK	PPT320MK	PPT330MK	PPT350MK	PPT100MK
Product Code	10069605	10069610	10069620	10069630	10069650	10069660
A (mm)	194	236	266	322	352	490
B (mm)	158	196	226	266	301	395
E (mm)	236	303	317	333	355	482
F (mm)	50 – 152	64 – 203	88 – 203	100 – 203	114 – 203	124 – 203
H (mm)	75	96	110	122	142	189
I (mm)	30	38	38	40	42	45



Pipe Push Trolley



Model	PPT203
Product Code	10100304
A (mm)	147.5
B (mm)	160
C (mm)	22
D (mm)	68
E (mm)	160
F (mm)	60
G (mm)	17



i • The information shown is to be used as a guide only. Specifications are subject to change without notice.

! • All materials handling or lifting jobs should be assessed individually.
 • Hoisting products must not be used for lifting or lowering persons.

MANUAL GIRDER TROLLEYS

GEARED GIRDER TROLLEYS

Pacific Geared Girder Trolley – Single Pin



Product Code	Pacific Hoist Item No.	Rated Capacity	Beam Width	Headroom	Min. Curve Radius	Net Weight
		kg	mm	mm	mm	kg
10069405	PGT305HK	500	50 – 152	57.5	800	10.0
10069410	PGT310HK	1,000	66 – 188	67.0	1,000	15.0
10069415	PGT315HK	1,500	74 – 192	72.0	1,000	18.5
10069420	PGT320HK	2,000	88 – 203	75.0	1,100	22.0
10069430	PGT330HK	3,000	100 – 205	88.0	1,300	35.0
10069450	PGT350HK	5,000	114 – 212	96.5	1,400	46.0

Pacific Geared Girder Trolley – Twin Pin



Product Code	Pacific Hoist Item No.	Rated Capacity	Beam Width	Headroom	Min. Curve Radius	Net Weight
		kg	mm	mm	mm	kg
10069460	PGT300MK	10,000	124 – 305	189.0	2,000	176
10069465	PGT315MK	15,000	136 – 305	236.5	3,500	321
10069470	PGT390MK	20,000	136 – 305	233.0	3,500	326

Geared girder trolleys are designed to ensure a precision lift with controlled movement across the beam. This ensures more accuracy than a push trolley and allows the manoeuvring of heavy loads into position at any given point along the beam.

- High quality construction.
- Complies with AS1418.2.
- Fitted with anti-drop plates for improved safety compliance.
- High grade, fully sealed bearings for maintenance free extended life.
- Fully adjustable to suit a range of beam sizes.
- Manufactured in China.



Single Pin



Twin Pin



- **Never exceed the Rated Capacity!**
- **All materials handling or lifting jobs should be assessed individually.**
- **Hoisting products must not be used for lifting or lowering persons.**

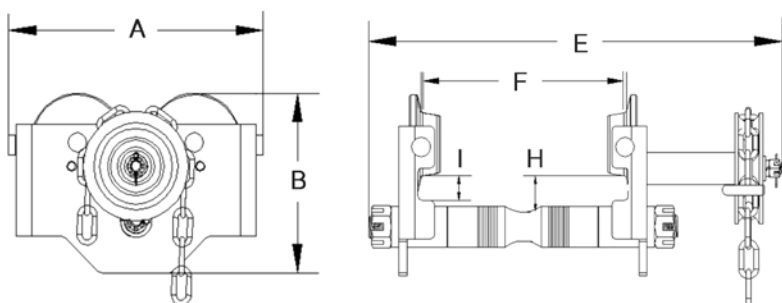
MANUAL GIRDER TROLLEYS

DIMENSIONAL DRAWINGS

Pacific Geared Girder Trolley – Single Pin

Pacific Hoists

Model	PGT305HK	PGT310HK	PGT315HK	PGT320HK	PGT330HK	PGT350HK
Product Code	10069405	10069410	10069415	10069420	10069430	10069450
A (mm)	199.0	246	260	276	332	377
B (mm)	158.5	190	205	217	263	293
E (mm)	306.0	355	369	383	409	429
F (mm)	50 – 152	66 – 188	74 – 192	88 – 203	100 – 205	114 – 212
H (mm)	57.5	67	72	75	88	96.5
I (mm)	35.0	38	38	38	42	45.0



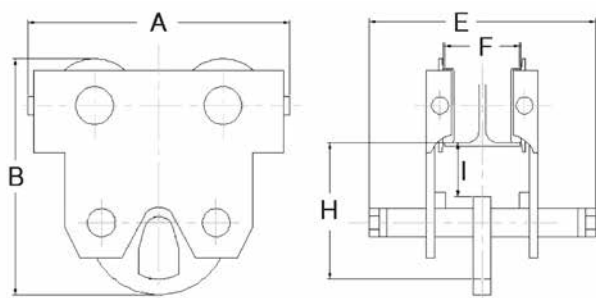
Pacific Geared Girder Trolley – Twin Pin

Pacific Hoists

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HOISTS, TROLLEYS
& BEAM CLAMPS

Model	PGT300MK	PGT315MK	PGT390MK
Product Code	10069460	10069465	10069470
A (mm)	490	605	605
B (mm)	395	498	498
E (mm)	862	1,002	1,002
F (mm)	124 – 305	136 – 305	136 – 305
H (mm)	189	237	233
I (mm)	45	62	58



The information shown is to be used as a guide only. Specifications are subject to change without notice.



- All materials handling or lifting jobs should be assessed individually.
- Hoisting products must not be used for lifting or lowering persons.

MANUAL GIRDER TROLLEYS

SELF-LOCKING BEAM TROLLEYS

Pacific Self-Locking Beam Trolleys



Product Code	Pacific Hoist Item No.	Rated Capacity	Beam Size	Net Weight
		kg	mm	kg
10069600	CLP250	3,000	76 – 230	21.0
10069601	CLP251	6,000	100 – 305	32.0
10069602	CLP252	10,000	125 – 305	47.5

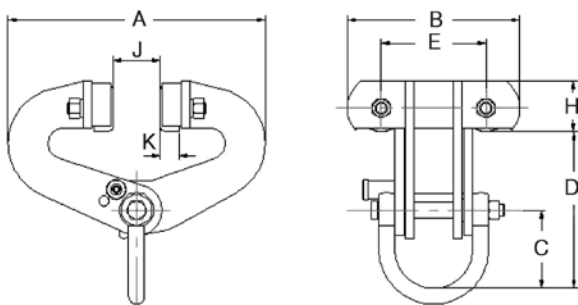
The Self-Locking Beam Trolleys feature a robust design with a spring assisted locking pin to enable quick and easy installation. Ideally suited to the rigging industry.

- Complies with AS1418.2.
- Quick and easy installation with no tools required.
- Suitable for a wide range of beam sizes.
- Inclusive of a spring assisted locking pin for safe and easy attachment to the beam.
- Cost-effective and time saving way of suspending loads.
- Ideal for the rigging industry.
- Manufactured in China.



Self-Locking Beam Trolleys – Dimensions

Model	CLP250	CLP251	CLP252
Product Code	10069600	10069601	10069602
A (mm)	380	500	600
B (mm)	280	296	310
C (mm)	126	126	131
D (mm)	253	290	290
E (mm)	170	170	170
H (mm)	82	88	113
J (mm)	30	40	54
K (mm)	32	38	43



• The information shown is to be used as a guide only. Specifications are subject to change without notice.



- **Never exceed the Rated Capacity!**
- **All materials handling or lifting jobs should be assessed individually.**
- **Hoisting products must not be used for lifting or lowering persons.**

MANUAL GIRDER TROLLEYS

TROLLEY WHEELS

Cookes Single Flange Trolley Wheels



Product Code	Rated Capacity (kg)		Diameter	Net Weight
	on 4 Wheels	per Wheel	mm	kg
10960060	500	125	62	0.7
10960061	1,000	250	70	1.0
10960062	2,000	500	100	2.5
10960063	3,000	750	114	3.7
10960064	5,000	1,250	140	6.2
10960066	10,000	2,500	175	12.3

Cookes Single Flange Trolley Wheels are ideally suited for general machinery production, crane building, platforms, carriages and rail systems.

They are designed to suit both parallel and tapered flanges and are available in different capacities from 500kg to 10 tonne.

- CNC machined from high quality #45 carbon steel.
- Designed to suit both parallel and tapered flanges.
- Fully sealed ball bearings.
- Inclusive of dust cap and circlip.
- Supplied complete; with galvanised axle and nut.
- Manufactured in China.

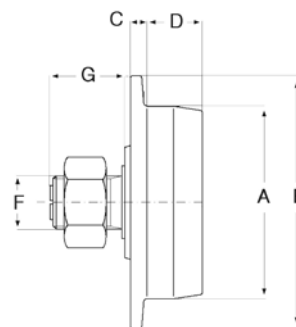


Cookes' Trolley Wheels are perfect for movie camera dollies.



Single Flange Trolley Wheels – Dimensions

Product Code	ØA	ØB	C	D	F	G
	mm	mm	mm	mm	mm	mm
10960060	62	92	9	18	M16	30
10960061	70	100	9	20	M20	35
10960062	100	136	11	24	M24	45
10960063	114	160	13	28	M30	50
10960064	140	190	15	34	M36	60
10960066	175	230	12	53	M48	70



HOISTS, TROLLEYS
& BEAM CLAMPS

12



• The information shown is to be used as a guide only. Specifications are subject to change without notice.



• Never exceed the Rated Capacity!

BEAM CLAMPS

BEAM CLAMPS

Cookes Girder Clamps



Product Code	Model	Rated Capacity	Beam Width Range	Net Weight
		kg	mm	kg
10049100	BC310	1,000	80 – 245	3.5
10049200	BC320	2,000	80 – 245	4.5
10049300	BC330	3,000	90 – 310	9.5
10049500	BC350	5,000	90 – 310	11.0
10049910	PGC390 (Pacific Model)	10,000	90 – 320	16.0

Cookes Girder Clamps are used to safely suspend loads of many descriptions from girders (I-beams). Manual; electric and air hoist installation are examples of their wide range of uses.

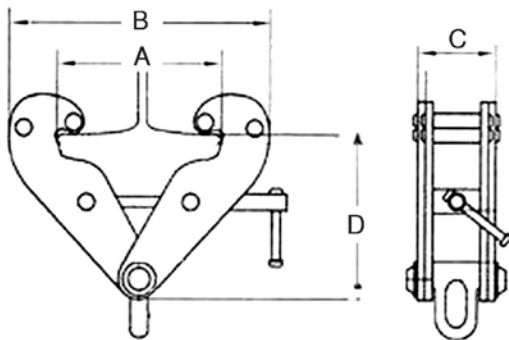
Standard features include:

- Complies with AS4991.
- Quick and easy install and reposition, ideal for maintenance tasks.
- Jaws clamp over girder flanges.
- Also suitable for lifting I-beams.
- Can be used at up to 45 degree angle with a 50% reduction in capacity.
- Manufactured in China.



Girder Clamps – Dimensions

Capacity (kg)	1,000	2,000	3,000	5,000	10,000
Model	310	320	330	350	PGG390
Product Code	10049100	10049200	10049300	10049500	10049910
A (mm)	270	270	365	365	365
B (mm)	375	375	520	520	520
C (mm)	66	74	103	111	120
D (mm)	210	210	258	258	280



• The information shown is to be used as a guide only. Specifications are subject to change without notice.



- Never exceed the Rated Capacity!
- All materials handling or lifting jobs should be assessed individually.
- Hoisting products must not be used for lifting or lowering persons.

BEAM CLAMPS

BEAM CLAMPS

Pacific Adjustable Angle Beam Clamps



Product Code	Pacific Hoist Item No.	Rated Capacity	Beam Width Range	Net Weight
		kg	mm	kg
10837050	CLP253	500	38 – 101	4.0
10837100	CLP254	1,000	38 – 101	4.5
10837150	CLP255	1,500	50 – 152	11.0
10837300	CLP256	3,000	101 – 203	21.5

Adjustable Angle Clamps are suitable for a wide range of angle sections and are a cost-effective way of suspending loads. They feature an adjustable locking pin for safe and easy attachment which makes them ideally suited for the rigging industry.

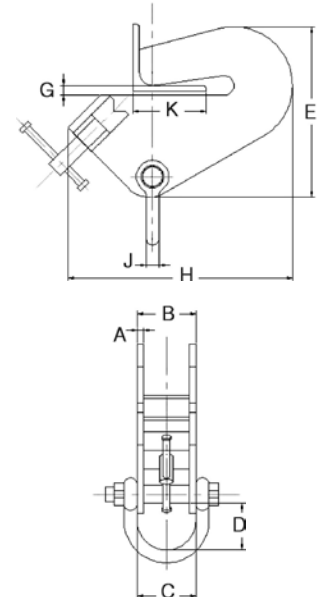
Standard features include:

- Complies with AS4991.
- Quick and easy installation with no tools required.
- Suitable for a wide range of angle sections.
- Inclusive adjustable locking pin for safe and easy attachment.
- V-type clamping jaw secures the clamp to the angle section.
- A cost-effective and time saving way of suspending loads.
- Clamp can be used both as anchor and suspension device.
- Ideal for the rigging industry.
- Manufactured in China.



Angle Beam Clamps – Dimensions

Capacity (kg)	500	1,000	1,500	3,000
Model	CLP253	CLP254	CLP255	CLP256
Product Code	10837050	10837100	10837150	10837300
A (mm)	4	6	8	10
B (mm)	69	69	99	99
C (mm)	70	70	107	107
D (mm)	96	96	98	98
E (mm)	206	206	270	343
G (mm)	15	15	19	25.4
H (mm)	258	258	346	490
J (mm)	16	16	20	20
K (mm)	38 – 101	38 – 101	50 – 152	101 – 203



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HOISTS, TROLLEYS & BEAM CLAMPS



• The information shown is to be used as a guide only. Specifications are subject to change without notice.



- **Never exceed the Rated Capacity!**
- **All materials handling or lifting jobs should be assessed individually.**
- **Hoisting products must not be used for lifting or lowering persons.**

BEAM CLAMPS

BEAM CLAMPS

Pacific Top Girder Clamps



Product Code	Pacific Hoist Item No.	Rated Capacity	Beam Width Range	Net Weight
		kg	mm	kg
10836102	CLP257 Standard	200	90 – 204	5.8
10836202	CLP258 Low Profile	200	90 – 180	4.5

Top Girder Clamps are ideal for situations where quick and easy installation is required with no use of tools. They are suited to a wide range of beam sizes and the Low Profile Girder Clamp is the solution for applications where headroom is restricted. The locking pin with articulated handle will make this device easy to attach.

Standard features include:

- Complies with AS4991.
- Quick and easy installation with no tools required.
- Suitable for a wide range of beam sizes.
- Inclusive of a locking pin with articulated handle for safe and easy fixture.
- A cost-effective and time saving way of suspending loads.
- Clamp can be used both as anchor and suspension device.
- Ideal for the rigging industry.



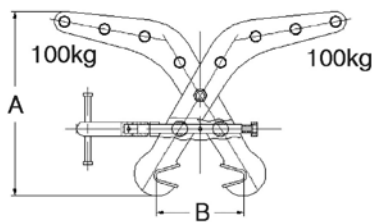
CLP257 Standard

Pacific Top Girder Clamps – Dimensions

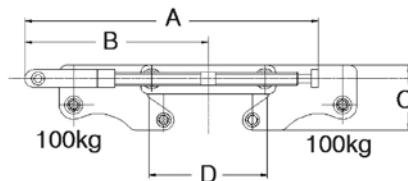
Capacity (kg)	200	200
Model	CLP257 Standard	CLP258 Low Profile
Product Code	10836102	10836202
A (mm)	357 (max)	407
B (mm)	90 – 204	259
C (mm)	150	90
D (mm)	60	90 – 180
E (mm)	—	130
F (mm)	—	60



CLP258 Low Profile



CLP257 Standard



CLP258 Low Profile



• The information shown is to be used as a guide only. Specifications are subject to change without notice.



- Never exceed the Rated Capacity!
- All materials handling or lifting jobs should be assessed individually.
- Hoisting products must not be used for lifting or lowering persons.

LEVER HOISTS

MANUAL LEVER HOISTS

Cookes Manual Lever Hoists



Product Code	Rated Capacity	Lift Height	Hand Force When Fully Loaded	Load Chain Falls	G80 Load Chain Size	Min. Dist. Btw. Head Hooks (Headroom)	Length Lever Handle	Net Weight
	kg	m	N	No.	Ø xmm	mm	mm	kg
10047025	250	1.5	115	1	4.0 x 12	235	168	2.4
10047050	500	1.5	248	1	5.0 x 15	310	253	3.7
10047080	800	1.5	285	1	5.6 x 17	340	273	7.0
10047160	1,600	1.5	315	1	7.1 x 21	400	378	10.0
10047320	3,200	1.5	360	1	10.0 x 28	520	418	20.0
10047630	6,300	1.5	370	2	10.0 x 28	640	418	31.0

Cookes Manual Lever Hoists c-w Overload Protection



Product Code	Rated Capacity	Lift Height	Hand Force When Fully Loaded	Load Chain Falls	G80 Load Chain Size	Min. Dist. Btw. Head Hooks (Headroom)	Length Lever Handle	Net Weight
	kg	m	N	No.	Ø xmm	mm	mm	kg
10047050OL	500	1.5	248	1	5.0 x 15	310	253	3.7
10047080OL	800	1.5	285	1	5.6 x 17	340	273	7.0
10047160OL	1,600	1.5	315	1	7.1 x 21	400	378	10.0
10047320OL	3,200	1.5	360	1	10.0 x 28	520	418	20.0

Incorporates the latest technology to assure you of a high quality device which is robust, easy to use and safe for the operator.

Each hoist is individually inspected and tested upon receipt in New Zealand to ensure compliance to AS1418.2.

Improved braking performance ensures the integrity of the load under all conditions. Design improvements mean up to 25% less operator effort to lift the load.

New style load hooks with cast, notched safety latches increases safety and lengthens service life of the latches. Improved design of load sprockets for safer operation.

All key internal components are CNC machined for improved product reliability. Refer following page for spare parts.

- Manufactured to comply with AS1418.2.
- Suitable for operating temperature -10°C to + 50°C.
- Manufactured in China.



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HOISTS, TROLLEYS & BEAM CLAMPS



- Overload Protection option limits the amount of overlaod that can be lifted therefore preventing damage to the hoist.
- Refer the following page for spare parts.



- Never exceed the Rated Capacity!
- Never use a hoist for lifting, supporting or transporting people.
- Never support a load on the tip of a hook.

LEVER HOISTS

MANUAL LEVER HOIST SPARES

Load Chain



Product Code	To Suit Models	Size
		Ø xmm
10067329	250 Kg	4.0 x 12.0
10067330	500 Kg	5.0 x 15.0
10067332	800 Kg	5.6 x 17.0
10067333	1,600 Kg	7.1 x 21.0
10067340	3,200 & 6,300 Kg	10.0 x 28.0

Brake Discs, Hooks & Safety Catches



Lever Hoist	Rated Capacity of Hoist (kg)	Brake Discs	Top Hook	Bottom Hook	Hook Safety Latch
Product Code		Product Code	Product Code	Product Code	Product Code
10047025	250	10047025BD	10047025TH	10047025BH	10047025SL
10047050	500	10047050BD	10047050TH	10047050BH	10047050SL
10047080	800	10047080BD	10047080TH	10047080BH	10047080SL
10047160	1,600	10047160BD	10047160TH	10047160BH	10047160SL
10047320	3,200	10047320BD	10047320TH	10047320BH	10047320SL
10047630	6,300	10047630BD	10047630TH	10047630BH	10047630SL

The full range of spare parts is pictured & detailed in the Instruction Manual provided with each Cookes Lever Hoist.



• Increasing height of lift: All Cookes lever hoists can have longer load chains fitted to suit your specific requirements.

LEVER HOISTS

MANUAL LEVER HOISTS



KITO's high quality, light weight lever hoists have been designed for applications in every industry.

Strength, endurance & reliability assured.



LEVER HOISTS

MANUAL LEVER HOISTS

KITO Manual Lever Hoists – LX Series



Product Code	KITO Item No.	Rated Capacity	Lift Height	Load Chain Falls	Load Chain Size	Min. Dist. Btw. Head Hooks (Headroom)	Length Lever Handle	Net Weight
		kg	m	No.	Ø xmm	mm	mm	kg
10160000	LX003	250	1.0	1	3.2 x 9	205	150	1.6
10160010	LX005	500	1.2	1	4.3 x 12	246	180	2.6

Compact, lightweight and portable, these 250kg and 500kg lever hoists complement the KITO L5 range. Ideal for storing in a toolbox.

LX Series features include:

- Light ratchet hoist, where delicate parts need to be joined together.
- Suitable for operating temperature -20°C to +60°C.
- Easy to carry and easy to use, even in tight quarters or in elevated work positions.
- Fasteners designed to protect threads from damage making maintenance easier.
- Fine-tolerance, nickel plated load chain.
- The hook latch is highly resistant to deformation and damage.
- Single-step reduction gear, requires manual fastening force & assured load holding.
- Reliable load fastening can be provided to the last click of the lever.
- Smooth operation, movement of around 2mm per click.
- LX003 comes complete with belt bag.
- Manufactured in Japan.



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HOISTS, TROLLEYS & BEAM CLAMPS



• Load chains can be lengthened to meet your requirements.



- Never exceed the Rated Capacity!
- Never use a hoist for lifting, supporting or transporting people.
- Never support a load on the tip of a hook.

LEVER HOISTS

MANUAL LEVER HOISTS

KITO Manual Lever Hoists – L5 Series



Product Code	KITO Item No.	Rated Capacity!	Lift Height	Load Chain Falls	Load Chain Size	Min. Dist. Btw. Head Hooks (Headroom)	Length Lever Handle	Net Weight
		kg	m	No.	Ø xmm	mm	mm	kg
10160020	LB008	800	1.5	1	5.6 x 15.7	280	245	5.7
10160025	LB010	1,000	1.5	1	5.6 x 15.7	300	245	5.9
10160030	LB016	1,600	1.5	1	7.1 x 19.9	335	265	8.0
10160035	LB025	2,500	1.5	1	8.8 x 24.6	375	265	11.2
10160040	LB032	3,200	1.5	1	10.0 x 28.0	395	415	15.0
10160050	LB063	6,300	1.5	2	10.0 x 28.0	540	415	26.0
10160060	LB090	9,000	1.5	3	10.0 x 28.0	680	415	40.0



World renowned KITO lever hoists are manufactured in Japan to exacting standards. Complying with Australian Standard AS1418.2 the L5 Series lever hoists offer numerous superior features.

L5 Series lever hoists have earned their position in the industry providing strength, endurance and reliability across various applications.

Compact and lightweight

KITO's technology has realised innovative size and weight reduction. Operability, portability and storage have become easier and more convenient.

Operating temperature -20°C to +60°C.

Nickel plated chain

The nickel plated chain designed, developed and manufactured by KITO has a high strength of 1,000 N/mm². Besides strength, it is also excellent in both corrosion and wear resistance.

High strength frame

The frame is an integral structure made of carbon steel.

Lever strength increase

Lever strength (bending, torsion and lever support) has been improved by reviewing the shape and the thickness of the lever.

Reliable brake performance

A unique dry condition brake designed to have strong braking force.

Maintenance improvement

Cap nuts are used to tighten the gear case and brake cover. This allows maintenance to occur without damaging the screws.

So much more:

- Unique patented 'Free Wheeling Hub'.
- Smaller, lighter, high grade (solid) alloy steel frame construction.
- Double brake pads with four braking pads.
- Low headroom design.
- Double Pawl & Double spring assemblies.
- Needle & ball roller bearings allow maximum mechanical efficiency with minimum effort.



HOISTS, TROLLEYS & BEAM CLAMPS

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• Load chains can be lengthened to meet your requirements.



- Never exceed the Rated Capacity!
- Never use a hoist for lifting, supporting or transporting people.
- Never support a load on the tip of a hook.

LEVER HOISTS

MANUAL LEVER HOISTS

Pacific Manual Lever Hoist c/w Overload Protection

Pacific Hoists

Product Code	Rated Capacity	Lift Height	Hand Force When Fully Loaded	Load Chain Falls	G80 Load Chain Size	Min. Dist. Btw. Head Hooks (Headroom)	Length Lever Handle	Net Weight
	kg	m	N	No.	Ø xmm	mm	mm	kg
10092050OL	500	1.5	248	1	5.0 x 15	310	253	4.5
10092080OL	800	1.5	285	1	5.6 x 17	340	273	5.7
10092160OL	1,600	1.5	315	1	7.1 x 21	400	378	9.3
10092320OL	3,200	1.5	360	1	10.0 x 28	520	418	16.5
10092630OL	6,300	1.5	370	2	10.0 x 28	640	418	21.3

A quality lever hoist with patented overload limiting device. This device limits the amount of overload that can be lifted, therefore preventing damage to the hoist.

- Manufactured to comply with AS1418.2.
- Suitable for operating temperature -10°C to +50°C.
- 'T' type hooks for improved load holding integrity.
- New design double pawl safety springs to eliminate sticking.
- New style cast hand wheel for added strength and durability.
- Encapsulated needle bearings and side plate bearings for smoother operation.
- Brake lockout bearing for security of braking mechanism.
- Key internal components are CNC machines before being heat-treated and toughened.
- Fitted with high quality European zinc plated grade 80 load chain.
- No aluminium content which ensures suitability for mining applications.
- Manufactured in China.



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HOISTS, TROLLEYS & BEAM CLAMPS



• All Pacific Manual Lever Hoists can have longer load chains fitted to suit your special requirements.



- **Never exceed the Rated Capacity!**
- **Never use a hoist for lifting, supporting or transporting people.**
- **Never support a load on the tip of a hook.**

LEVER HOISTS

MANUAL LEVER HOISTS

VITAL NR-2 SERIES

Vital is a Japanese brand which is globally recognised for their high quality products. The NR-series lever hoists feature the “free-wheeling” braking system which enables fast and easy operation. There is a minimum load requirement of 10% of the Working Load Limit to ensure that the braking system remains operative and continues to support the load.

These lever hoists are ideally suited for the shipbuilding, construction, mining and power transmission industries. Complies with AS1418.2.

Standard features include:

- Manufactured in Japan using optimum high quality steel which complies with the strict JIS & ISO regulations.
- Suitable for operating temperature -20°C to +60°C.
- One-touch operation for free chain adjustment.
- Vital lever hoists can be supplied with overload protection for added security of use (excluding 250kg and 500kg models).
- The unique design of the bottom hook prevents slipping and ensures safe operation.
- Hardened alloy steel load chain with embossed identification, marked to the relevant standards.
- Load Chain Exceeds Australian Standards with 5:1 design factor.
- Minimum load requirement of up to 10% of the Working Load Limit to ensure the operation of the braking system, eg, a 1.5 tonne lever block requires a minimum load of 150kg.



• For further information on the Vital NR-2 Series Lever Hoists, please contact your local Cookes branch, Freephone 0508 274 366 or email customerservices@bridoncookes.co.nz.



- Never use a hoist for lifting, supporting or transporting people.
- Never exceed the Rated Capacity.
- Never support a load on the tip of a hook.

LEVER HOISTS

WIRE ROPE LEVER HOISTS

THE WIRE ROPE COME-ALONG PREFERRED BY POWER AUTHORITIES

Multi-purpose portable power! Lift, pull, stretch, handle, tighten, erect, position, install

If you are tired of poorly constructed, low quality and potentially unsafe wire rope come-alongs then it's time you upgraded to a Mini-Mule! The amazing Mini-Mule Wire Rope Come-Alongs are now available on indent direct from the manufacturer in the USA. To obtain pricing on the most reliable, rugged, durable and safest wire rope come-along available, contact your nearest Cookes branch, Freephone 0508 274 366 or email customerservices@bridoncookes.co.nz.

Durable insulating hand grip

With finger grips for added comfort and a better grip.

Concealed safety automatic, notch-at-a-time release control

Strong tension spring encased in handle, no accidentally release.



Ratchet wheel

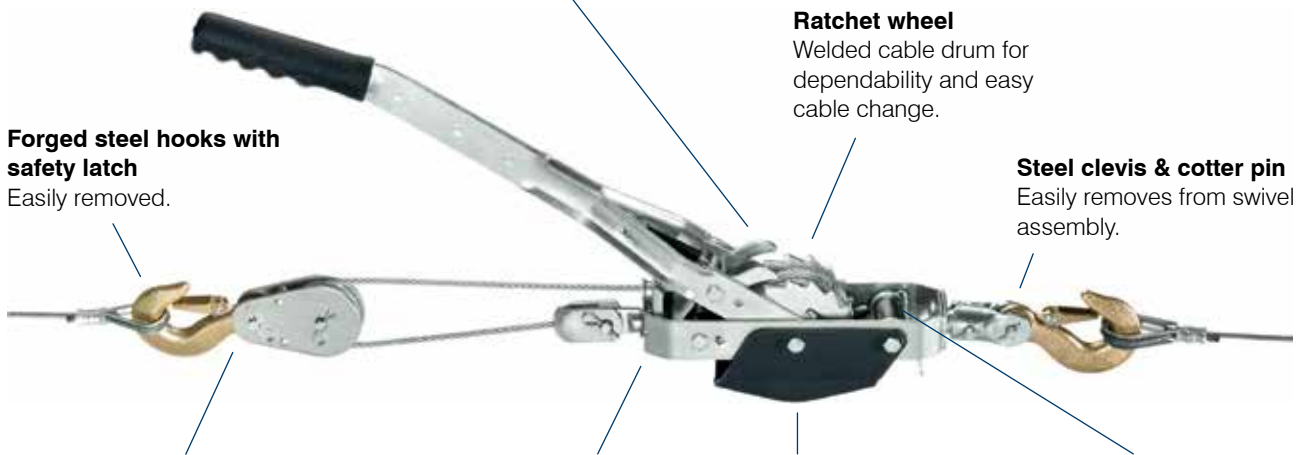
Welded cable drum for dependability and easy cable change.

Forged steel hooks with safety latch

Easily removed.

Steel clevis & cotter pin

Easily removes from swivel assembly.



Pulley with 11 gauge side plates

Solid steel sheave.

Massive heli-arc welded

11 Gauge steel frame short, compact body design.

Durable plastic cover

With concealed springsteel cable brake.

Stop pawls

Lever and tension spring control.

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HOISTS, TROLLEYS & BEAM CLAMPS

Heavy Duty – Double Drive



Product Code	Mini-Mule Item No.	Rated Capacity	Pull
		t	m
02059901*	MM16DD	1.0	1.83
02059902*	MM19DD	1.0	2.75
02059903*	MM12DD	1.0	3.65
02059904*	MM212DD	2.0	1.83

* Available on indent.

Mini-Mule – The STRONGEST name in come-alongs! Quality built in the USA.

- Ratchet wheels on both sides for balanced drive.
- Double locking, driving pawls independently sprung to ensure alignment with ratchet wheel teeth.
- Tubular steel cable drum – minimises distortion and binding
- Uniform pressure applied to both sides of cable drum.
- Most popular utility models.

Heavy Duty – Commercial



Product Code	Mini-Mule Item No.	Rated Capacity	Pull
		t	m
02059997*	MM16R	1.0	1.83
02059998*	MM19R	1.0	2.75
02059999*	MM112R	1.0	3.65
02060000*	MM7518	0.75	5.50
02060001*	MM212R	2.0	1.83

* Available on indent.

- Heavy duty construction.
- Complete with cable and hooks.
- Very light weight.
- Compact, rugged frame.
- Minimum distance between hooks (450mm – 610mm).
- Manufactured in the USA.

⚠ Never exceed the Rated Capacity!
⚠ Never use a hoist for lifting, supporting or transporting people.
⚠ Never support a load on the tip of a hook.

ELECTRIC HOISTS & TROLLEYS

INTRODUCTION



Cookes proudly offers the world's highest quality electric hoists and trolleys.

Compliant to AS1418.2, these superior products have decades of proven reliability in New Zealand and Australia.



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HOISTS, TROLLEYS
& BEAM CLAMPS

ELECTRIC HOISTS & TROLLEYS

KITO ELECTRIC HOISTS & TROLLEYS

KEY FEATURES OF THE KITO ER2 SERIES ELECTRIC HOIST



Electromagnetic brake
Current- driven electromagnetic brake for secure load holding.

Thermal protector
Prevents motor from overheating.

External motor fan
reduces heating during frequent operation.

Aluminium die-cast body
Single die-cast, lightweight and compact aluminium body.

Chain Guide
For smooth chain-feeding.

Enclosure
Dust-proof and water-jet proof protection – IP55 rating.

Gears
Helical gearing for long life and quiet operation.

CH meter
CH (counter/hour) meter for recording and displaying of operational data for appropriate maintenance.

Plug connection
Easily attached and removed.

Friction Clutch
For overload protection from over-winding and overloading.

Chain Container
Canvas containers as standard.

Cover belt
Attached to the controller cover and gear case for easy access and maintenance.

Load Chain
Nickel-plated load chain for increased resistance against wear and corrosion.

Hook
Bottom hook swivels 360° and designed to open gradually under excessive overload.
Safety latches fitted to top and bottom hooks.

Push button control
Original design, push button control with emergency stop – IP65 rating.
Upper-lower limit switches provided as standard.



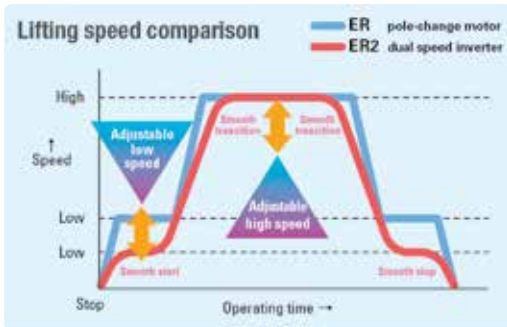
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HOISTS, TROLLEYS & BEAM CLAMPS

ELECTRIC HOISTS & TROLLEYS

KITO ELECTRIC HOISTS & TROLLEYS

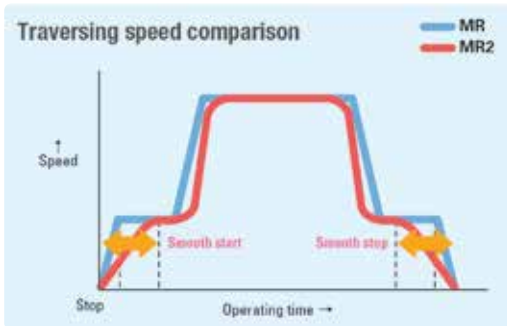
KITO ER2 SERIES ELECTRIC HOIST



Inverter – Smooth Transitional Speed

The dual speed inverter delivers smoother movement than the pole change motor, reducing load swing. The high to low speed ratio can be set to a large value. This results in smooth starts, improved low speed stops, and improved positioning accuracy.

ER2 inverter unit is well-customised for lifting/traversing applications including exclusive software with optimum control and is also provided with measures against impact and heat which have been verified through long run tests.



Friction Clutch & Upper – Lower Limit Switch – Double Safety

Maintaining safety is the most important task for lifting equipment, and is essential for stable operation. To ensure safety, KITO utilises a double safety mechanism consisting of an originally developed friction clutch and upper-lower limit switch.

Friction clutch is an emergency overload protection device that idles the motor when subjected to an excessive load over the Rated Capacity. Friction clutch performance is not easily compromised with changes in the surrounding temperature.



Friction Clutch

SMOOTH & ERGONOMIC OPERATION



Push Button Control – Original Design

The push button control is designed in an ergonomic shape that is operator friendly. Seeking ease of operation and universal design, KITO's original push button control was designed and manufactured from an end user point of view, especially with respect to unit strength.

Contoured to comfortably fit into your hand, the button has a light operating sensation which responds to fine adjustments in pressure. The pressing stroke is short. The operator, therefore, will not become fatigued after long periods of operation.

For crane fabrication with a motorised end truck, a control box is available if necessary.

Resistant to the collisions and shocks that may occur during work, KITO's original push button control can be used in various environments, thus supporting efficient work.

ELECTRIC HOISTS & TROLLEYS

KITO ELECTRIC HOISTS & TROLLEYS

KITO ER2 SERIES ELECTRIC HOIST



DEPENDABLE SAFETY



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HOISTS, TROLLEYS
& BEAM CLAMPS



Load Sheave
with Load Chain

Load Sheave – Reduced Vibration

With an increased number of chain pockets on the load sheave (between five and six based on capacity), vibrations are reduced ensuring a smooth operation.

Load Chain – Super Strength

KITO's worldclass original superstrength nickel-plated load chain certified by German Institute. The load chain uses unique technology to greatly increase resistance to fatigue and wear.

Emergency Stop

The emergency stop, provided as standard, allows the motor power to be disconnected in the event of an emergency without cutting off the main power supply.



Limit Switch

Limit Switch

In case the load is inattentively raised or lowered the limit switch stops the motor and prevents the load chain or hoist from potential damage.

The design of the limit switch allows for effective use of the lifting height of the hoist.



Electromagnetic Brake

The current driven, electromagnetic brake does not release until the motor circuit is activated.

In comparison to other motor and brake mechanisms commonly found on the market this trigger immensely improves the overall safety of the system.

ELECTRIC HOISTS & TROLLEYS

KITO ELECTRIC HOISTS & TROLLEYS

KITO ER2 SERIES (415V – 50HZ) – THREE PHASE

Complies with AS1418.2.

The KITO ER2 Electric Chain Hoist 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.



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

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HOISTS, TROLLEYS
& BEAM CLAMPS



ELECTRIC HOISTS & TROLLEYS

KITO ELECTRIC HOISTS & TROLLEYS

KITO ER2 Series – Three Phase – Single Speed



Product Code		KITO Item No.	Rated Capacity	Lifting Speed	Motor Rating		Load Chain (mm)		Hook Suspended	Weight
3m Lift	Other Lifts				O/P (kw)	ED (%)	Ø x fall	Ø x pitch		
10936030	10936030SP	ER2-003S	250	9.1	0.56	60	4.3 x 1	4.3 x 12.0	350	27
10936051	10936051SP	ER2-005L	500	3.8	0.56	60	6.0 x 1	6.0 x 16.7	370	33
10936050	10936050SP	ER2-005S	500	7.3	0.90	60	6.0 x 1	6.0 x 16.7	370	37
10936071*	10936071SP*	ER2-010L	1,000	3.5	0.90	60	7.7 x 1	7.7 x 21.4	430	47
10936070	10936070SP	ER2-010S	1,000	7.1	1.80	60	7.7 x 1	7.7 x 21.4	430	54
10936090	10936090SP	ER2-015S	1,500	4.5	1.80	60	10.2 x 1	10.2 x 28.4	510	72
10936111	10936111SP	ER2-020L	2,000	3.7	1.80	60	10.2 x 1	10.2 x 28.4	575	73
10936110*	10936110SP*	ER2-020S	2,000	7.0	3.50	60	10.2 x 1	10.2 x 28.4	590	91
10936130*	10936130SP*	ER2-025S	2,500	5.7	3.50	60	11.2 x 1	11.2 x 31.2	625	104
10936150*	10936150SP*	ER2-030S	3,000	4.4	3.50	60	10.2 x 2	10.2 x 28.4	785	107
10936170*	10936170SP*	ER2-050S	5,000	2.9	3.50	60	11.2 x 2	11.2 x 31.2	850	132

* Available on indent from Australia.



KITO ER2 Series – Three Phase – Dual Speed w/ Inverter

Product Code		KITO Item No.	Rated Capacity	Lifting Speed	Motor Rating		Load Chain (mm)		Hook Suspended	Weight
3m Lift	Other Lifts				O/P (kw)	ED (%)	Ø x fall	Ø x pitch		
10936330	10936330SP	ER2-003IS	250	10.8 / 1.8	0.56	40 / 20	4.3 x 1	4.3 x 12.0	350	27
10936351	10936351SP	ER2-005IL	500	4.5 / 0.8	0.56	40 / 20	6.0 x 1	6.0 x 16.7	370	32
10936350*	10936350SP*	ER2-005IS	500	8.5 / 1.4	0.90	40 / 20	6.0 x 1	6.0 x 16.7	370	36
10936371	10936371SP	ER2-010IL	1,000	4.2 / 0.7	0.90	40 / 20	7.7 x 1	7.7 x 21.4	430	45
10936370*	10936370SP*	ER2-010IS	1,000	8.2 / 1.4	1.80	40 / 20	7.7 x 1	7.7 x 21.4	430	52
10936390*	10936390SP*	ER2-015IS	1,500	5.3 / 0.9	1.80	40 / 20	10.2 x 1	10.2 x 28.4	510	72
10936411	10936411SP	ER2-020IL	2,000	4.3 / 0.7	1.80	40 / 20	10.2 x 1	10.2 x 28.4	575	73
10936410*	10936410SP*	ER2-020IS	2,000	8.2 / 1.4	3.50	40 / 20	10.2 x 1	10.2 x 28.4	590	89
10936430*	10936430SP*	ER2-025IS	2,500	6.6 / 1.1	3.50	40 / 20	11.2 x 1	11.2 x 31.2	625	100
10936450*	10936450SP*	ER2-030IS	3,000	5.2 / 0.9	3.50	40 / 20	10.2 x 2	10.2 x 28.4	785	105
10936470*	10936470SP*	ER2-050IS	5,000	3.3 / 0.6	3.50	40 / 20	11.2 x 2	11.2 x 31.2	850	128

* Available on indent from Australia.

** H.r. = Headroom



• Rated Capacities above 5,000kg available on indent ex Japan.



• Never exceed the Rated Capacity.

ELECTRIC HOISTS & TROLLEYS

DIMENSIONAL DRAWINGS

KITO ER2 Series – Three Phase – Single Speed



Capacity	250	500	500	1,000	1,000	1,500	2,000	2,000	2,500	3,000	5,000
Model	ER2-003S	ER2-005L	ER2-005S	ER2-010L	ER2-010S	ER2-015S	ER2-020L	ER2-020S	ER2-025S	ER2-030S	ER2-050S
P. Code	10936030	10936051	10936050	10936071	10936070	10936090	10936111	10936110	10936130	10936150	10936170
D (mm)	430	490	490	550	550	630	630	630	840	920	920
a (mm)	478	513	510	589	598	646	646	703	736	703	736
b (mm)	321	348	348	376	376	427	427	427	445	427	445
d (mm)	219	242	242	291	219	308	308	347	337	347	337
e (mm)	259	271	268	298	307	338	338	356	399	356	399
f (mm)	260	283	283	335	335	385	385	385	438	397	439
g (mm)	27	27	27	31	31	34	39	39	39	44	47
h (mm)	99	113	113	129	129	161	161	161	174	216	232
i (mm)	93	106	106	118	118	138	138	138	143	82	85

KITO ER2 Series – Three Phase – Dual Speed w/ Inverter



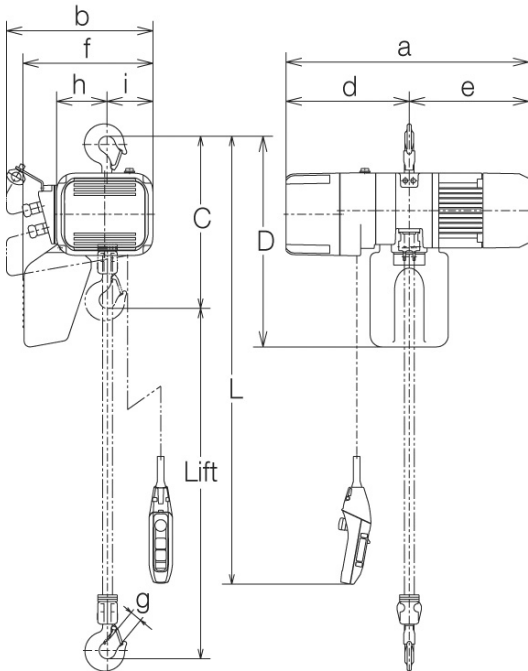
Capacity	250	500	500	1,000	1,000	1,500	2,000	2,000	2,500	3,000	5,000
Model	ER2-003IS	ER2-005IL	ER2-005IS	ER2-010IL	ER2-010IS	ER2-015IS	ER2-020IL	ER2-020IS	ER2-025IS	ER2-030IS	ER2-050IS
P. Code	10936330	10936351	10936350	10936371	10936370	10936390	10936411	10936410	10936430	10936450	10936470
D (mm)	430	490	490	550	550	630	630	630	840	920	920
a (mm)	535	571	568	614	623	710	710	767	800	767	800
b (mm)	345	348	348	376	376	427	427	427	445	427	445
d (mm)	276	300	300	316	316	372	372	411	401	411	401
e (mm)	259	271	268	298	307	338	338	356	399	356	399
f (mm)	284	283	283	335	335	384.5	384.5	384.5	437.5	397	439
g (mm)	27	27	27	31	31	34	39	39	39	44	47
h (mm)	99	113	113	129	129	160.5	160.5	160.5	173.5	216	231.5
i (mm)	117	106	106	118	118	137.5	137.5	137.5	142.5	82	84.5

Refer drawing on following page.

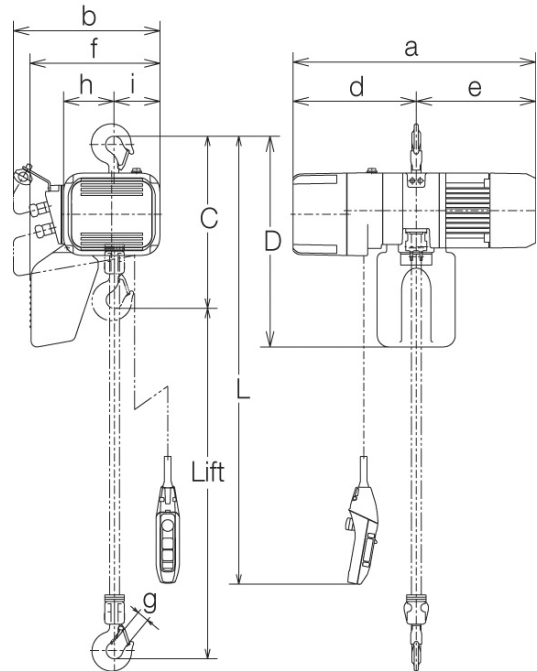
ELECTRIC HOISTS & TROLLEYS

DIMENSIONAL DRAWINGS

KITO ER2 SERIES – THREE PHASE



Single Speed



Dual Speed w/ Inverter



The information shown is to be used as a guide only. Specifications are subject to change without notice.



- Never exceed the Rated Capacity!
- All materials handling or lifting jobs should be assessed individually.
- Hoisting products must not be used for lifting or lowering persons.

ELECTRIC HOISTS & TROLLEYS

KITO ELECTRIC HOISTS & TROLLEYS



MR2 SERIES ELECTRIC MOTORISED TOLLEY

Dependable Safety!

The ideal combination for trouble-free tasks. The KITO MR2 electric motorised trolley features a compact and lightweight body for smooth and ergonomic operation.

The symbiosis of a high performance machine and environmentally friendly production techniques are the foundation of the KITO Hoist programme.

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.
- 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.
- 10m power supply cable as standard.
- 10m/min traverse speed available on request.
- Manufactured in Japan.

Applications

Mining, construction, engineering, entertainment.
Complies with AS1418.2.

Lifting: Up / Down
Traversing: Left / Right



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HOISTS, TROLLEYS
& BEAM CLAMPS

ELECTRIC HOISTS & TROLLEYS

KITO ELECTRIC HOISTS & TROLLEYS



KITO MR2 Series Motorised Trolley

Product Code	KITO Item No.	Rated Capacity	Traverse Speed	Beam Range	Minimum Radius	Weight
		kg	m / min	mm – Flg	mm	kg

Single Speed Standard Flange Width

10936070ST	MR2-010S	1,000	20	58 – 153	800	31
10936110ST	MR2-020S	2,000	20	82 – 178	800	38
10936150ST*	MR2-030S	3,000	20	82 – 178	1,000	48
10936170ST*	MR2-050S	5,000	20	100 – 178	1,800	70

Dual Speed Standard Flange Width

10936370DT	MR2-01IS	1,000	24 / 4	58 – 153	800	32
10936410DT*	MR2-02IS	2,000	24 / 4	82 – 178	800	39
10936450DT*	MR2-03IS	3,000	24 / 4	82 – 178	1,000	50
10936470DT*	MR2-05IS	5,000	24 / 4	100 – 178	1,800	72

Single Speed Wide Flange

10936070SW*	MR2-010SW	1,000	20	154 – 305	800	31
10936110SW*	MR2-020SW	2,000	20	179 – 305	800	39
10936150SW*	MR2-030SW	3,000	20	179 – 305	1,000	49
10936170SW*	MR2-050SW	5,000	20	179 – 305	1,800	71

Dual Speed Wide Flange

10936370DW*	MR2-010ISW	1,000	24 / 4	154 – 305	800	33
10936410DW*	MR2-020ISW	2,000	24 / 4	179 – 305	800	40
10936450DW*	MR2-030ISW	3,000	24 / 4	179 – 305	1,000	51
10936470DW*	MR2-050ISW	5,000	24 / 4	179 – 305	1,800	73

* Available on indent.

Kito ERM Lifting/Traversing series couples a ER2 Single Phase or Three Phase Electric Hoist with the respective MR2 Motorised Trolley to ensure ease of use and accurate positioning in the work place.

- Manufactured in Japan.



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HOISTS, TROLLEYS
& BEAM CLAMPS



• Never exceed the Rated Capacity!

ELECTRIC HOISTS & TROLLEYS

KITO ELECTRIC HOISTS & TROLLEYS

KITO EDL SERIES HOISTS (240V – 50HZ) – SINGLE PHASE



Single Speed
(Pendant Control)



Dual Speed
(Pendant Control)



Dual Speed
(Cylinder Control)

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. Complies with AS1418.2.

Rated capacity:	Single Speed – 100kg to 480kg Dual Speed – 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°C to 40°C
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.
- Manufactured in Japan.

ELECTRIC HOISTS & TROLLEYS

KITO ELECTRIC HOISTS & TROLLEYS

KITO EDL Series Hoists – Single Phase – Single Speed (Pendant Control)



Product Code		KITO Item No.	Rated Capacity	Lifting Speed	Load Chain (mm)		Hook Suspended	Weight
3m Lift	Other Lifts		kg	m / min	Ø x fall	Ø x pitch	H.r.** (mm)	kg
10934010*	10934010SP	EDL10S	100	13.0	4.0 x 1	4.0 x 12	315	12.0
10934016*	10934016SP	EDL16S	160	20.0	4.0 x 1	4.0 x 12	330	16.0
10934018*	10934018SP	EDL18S	180	8.0	4.0 x 1	4.0 x 12	315	12.0
10934024*	10934024SP	EDL24S	240	13.5	4.0 x 1	4.0 x 12	330	16.0
10934048*	10934048SP	EDL48S	480	6.7	4.0 x 2	4.0 x 12	520	21.5

KITO EDL Series Hoists – Single Phase – Dual Speed (Pendant Control)



Product Code		KITO Item No.	Rated Capacity	Lifting Speed	Load Chain (mm)		Hook Suspended	Weight
3m Lift	Other Lifts		kg	m / min	Ø x fall	Ø x pitch	H.r.** (mm)	kg
10934110*	10934110SP	EDL10ST	100	13.0 / 3.0	4.0 x 1	4.0 x 12	315	12.5
10934116*	10934116SP	EDL16ST	160	20.0 / 5.0	4.0 x 1	4.0 x 12	330	16.5
10934118*	10934118SP	EDL18ST	180	8.0 / 3.0	4.0 x 1	4.0 x 12	315	12.5
10934124*	10934124SP	EDL24ST	240	13.5 / 3.0	4.0 x 1	4.0 x 12	330	16.5
10934148*	10934148SP	EDL48ST	480	6.7 / 2.0	4.0 x 2	4.0 x 12	520	21.5

KITO EDL Series Hoists – Single Phase – Dual Speed (Cylinder Control)



Product Code		KITO Item No.	Rated Capacity	Lifting Speed	Load Chain (mm)		Hook Suspended	Weight
1.8m Lift	Other Lifts		kg	m / min	Ø x fall	Ø x pitch	H.r.** (mm)	kg
10934210*	10934210SP	EDCL10SD	100	20.0 / 4.0	4.0 x 1	4.0 x 12	960	15.0
10934224*	10934224SP	EDCL24SD	240	13.5 / 3.0	4.0 x 1	4.0 x 12	960	19.0

* Available on indent.

** H.r. = Headroom



• Never exceed the Rated Capacity!

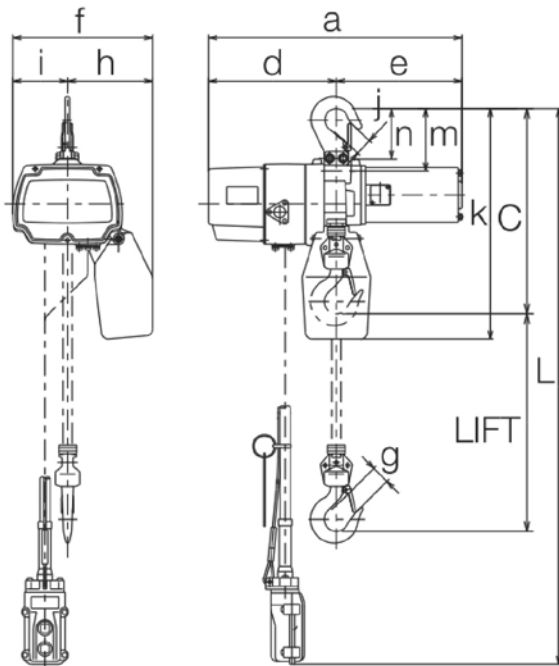
ELECTRIC HOISTS & TROLLEYS

DIMENSIONAL DRAWINGS

KITO EDL Series – Single Phase – Single/Dual Speed



Capacity	100	160	180	240	100	160	180	240	100
Model	EDL10S	EDL16S	EDL18S	EDL24S	EDL10ST	EDL16ST	EDL18ST	EDL24ST	EDCL10SD
P. Code	10934010	10934016	10934018	10934024	10934110	10934116	10934118	10934124	10934210
a (mm)	371	428	371	428	371	428	371	428	371
d (mm)	187	205	187	205	187	205	187	205	187
e (mm)	184	223	184	223	184	223	184	223	184
f (mm)	205	219	205	219	205	219	205	219	205
g (mm)	25	25	25	25	25	25	25	25	25
h (mm)	125	135	125	135	125	135	125	135	125
i (mm)	80	84	80	84	80	84	80	84	80
j (mm)	25	25	25	25	25	25	25	25	25
k (mm)	340	362	340	362	340	362	340	362	340
m (mm)	92	92	92	92	92	92	92	92	92
n (mm)	73	73	73	73	73	73	73	73	73



- EDCL18SD dimensions same as EDCL10SD.
- EDCL16SD dimensions same as EDL16S.

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HOISTS, TROLLEYS
& BEAM CLAMPS



• The information shown is to be used as a guide only. Specifications are subject to change without notice.



- Never exceed the Rated Capacity!
- All materials handling or lifting jobs should be assessed individually.
- Hoisting products must not be used for lifting or lowering persons.

ELECTRIC HOISTS & TROLLEYS

KITO ELECTRIC HOISTS & TROLLEYS

KITO EF Series H.D. Hoists – Single Phase, Single Speed



Product Code		KITO Item No.	Rated Capacity	Lifting Speed	Motor Rating		Load Chain (mm)		Hook Suspended	Weight
3m Lift	Other Lifts				O/P (kw)	ED (%)	Ø x fall	Ø x pitch		
10934305*	10934305SP	EF005S	500	3.5	0.8	40	6.3 x 1	6.3 x 19	560	45
10934310*	10934310SP	EF010L	1,000	1.8	0.8	40	6.3 x 2	6.3 x 19	635	50

* Available on indent.

** H.r. = Headroom

EF SERIES (240V – 50HZ) – SINGLE PHASE

Complies with AS1418.2.

The EF 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.

Rated Capacity:	Single phase hoist – 500kg to 1,000kg
Voltage:	240V 10amp power supply
Control Voltage:	24V
Motor Insulation:	Class B
Enclosure:	IP54 (dust proof and water protected) IP65 Pendant with emergency stop
Suspension Varieties:	Hook/Trolley
Operating Temperature:	-20°C to 400°C
Operating Humidity:	85% RH or less



Standard features include:

- 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 pull rotor type motor permits ideal operation of hoist.
- KITO's friction clutch, which prevents 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 it makes this hoist ideal for use in humid atmospheres.
- Drop-forged heat treated hook does not fracture but opens slowly when excessively overloaded.
- Case hardened chain.
- Highly insulated push button station.
- Emergency stop device available on request.
- Manufactured in Japan.



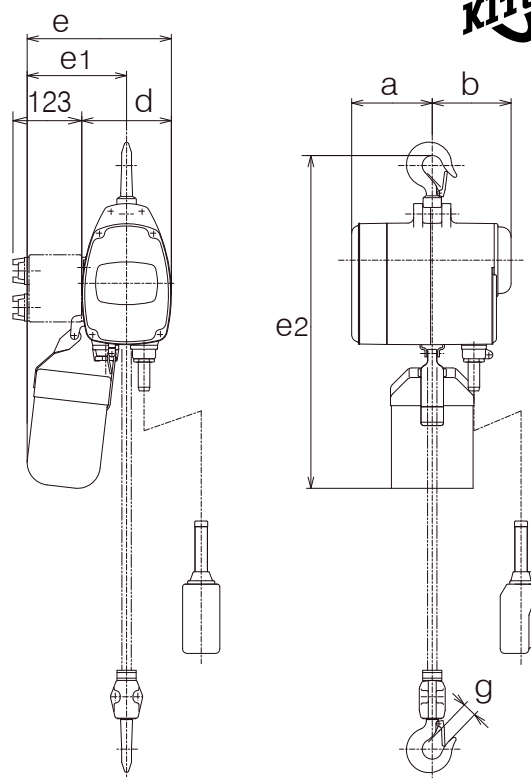
- **Never exceed the Rated Capacity!**
- **All materials handling or lifting jobs should be assessed individually.**
- **Hoisting products must not be used for lifting or lowering persons.**

ELECTRIC HOISTS & TROLLEYS

DIMENSIONAL DRAWINGS

KITO EF Series H.D. – Single Phase, Single Speed

Capacity	500	1,000
Model	EF005S	EF010L
Product Code	10934305 / 10934305SP	10934310 / 10934310SP
a (mm)	147	147
b (mm)	167	167
d (mm)	218	218
e (mm)	311	311
e1 (mm)	202	202
e2 (mm)	750	765
g (mm)	24	31



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HOISTS, TROLLEYS
& BEAM CLAMPS



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- Never exceed the Rated Capacity!
- All materials handling or lifting jobs should be assessed individually.
- Hoisting products must not be used for lifting or lowering persons.

ELECTRIC HOISTS & TROLLEYS

KITO ELECTRIC HOISTS & TROLLEYS

Also available on indent to meet your special hoisting requirements

Ultra Low Headroom Electric Chain Hoists

For best utilisation of effective height.

The SHERM electric chain hoist has a special low headroom design. The load can be carried up to in front of the beam.



SHERM Electric Chain Hoist



Twin Hook Electric Chain Hoists

Synchronous motion cycles in one hoist.

The TWERM double hook electric hoist is ideal wherever loads must be kept horizontal or you need to lift and lower loads simultaneously: It is primarily designed for rolled profile girders and is used especially to handle long goods, such as pipes and profile rods, etc.

The hooks can be spaced according to the long goods and to customer specifications.



TWERM Electric Chain Hoist



• For further information on KITO special application hoists, please contact your local Cookes branch, Freephone 0508 274 366 or email customerservices@bridoncookes.co.nz.

ELECTRIC HOISTS & TROLLEYS

KITO HOIST EXTRAS



To complement the power hoisting product range, KITO 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, KITO 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 separately.

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, Cookes are able to assist with extra close headroom hoists, either from KITO's existing range or from one of our specialised suppliers.



• **Hoist Maintenance:** As a leading supplier of power hoisting products, Cookes is committed to providing reliable products of the highest standard. Maintenance or repair is also available through a range of service agents. Contact your local Cookes branch for further details on any of the above products or services.

ELECTRIC HOISTS & TROLLEYS

HITACHI ELECTRIC HOISTS & TROLLEYS

HITACHI S & F SERIES ELECTRIC HOISTS

Helical Gearing

used where practical to provide quiet operation.

Long Life Brake Unit

Disk type Electro-Magnetic brake system for steady operation and long life.

Electro-Magnetic Contactor

with mechanical-interlocking against line short by mechanical shock.

Power Chain

patented alloy steel chain surface hardened for optimum strength and wear resistance.

Chain Container

standard for safer operation.

Lower Hook

is heat-treated and equipped with safety latch and 360° swivelling.

Reverse Phase Inspection Relay

cut control circuit when reverse phasing. Except the 3 phase models of 250kg and 500kg, and single phase models.

Limit Switch

interrupt motor power to prevent hook overtravel and hazardous condition such as chain kink.

Plug-In Cables

reduce maintenance time and installation.

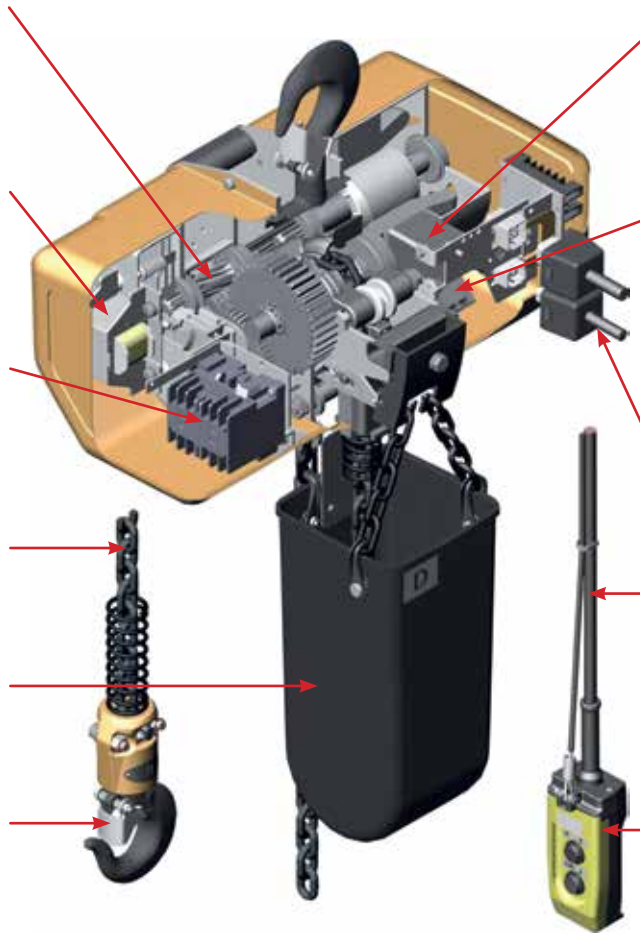
Pushbutton Cable

is molded with strain relief wire rope into one body. This assures easier and safer operation.

Pushbutton Switch

is rain-proof plastic for severe impact and corrosive atmosphere resistance and mechanically interlocked.

The 24 volt control circuit reduce shock hazard to the operation.



HITACHI
Inspire the Next



HITACHI S SERIES



HITACHI F SERIES

ELECTRIC HOISTS & TROLLEYS

HITACHI ELECTRIC HOISTS & TROLLEYS

HITACHI S & F SERIES ELECTRIC HOISTS

Hitachi's reputation for excellence in design, quality, reliability and performance has made this brand a global market leader. With over three decades of proven reliability throughout Australasia and an extensive operating range, Hitachi Electric Chain Hoists are suited to most applications. The Hitachi models vary from 250kg to 15 tonne capacity and are available in three or single phase, two speed or single speed while being tested to the Australian standards.

All Hitachi models are manufactured to comply with AS1418.2.

- Operation: fully contactorised with high rated contactors and pendant controls; both fitted with mechanical interlocks and 24 Volt control.
- Optional IP65 pendant including E-Stop available.
- Safety Limits: full current and shunt limit switches operate in both directions of hook travel.
- Overload Limiter: this electro-mechanical device is exclusive to the Hitachi range and boasts a far more superior overload protection device than the slipping clutch method. Available on all Hitachi models.
- Braking: all models are fitted with an electro-magnetic, self-adjusting disc type brake to the gearbox and the "F" models have an additional auxiliary centrifugal brake fitted to the motor.
- Chain Bucket: noiseless design with flexible mounting.
- High quality grade 80 zinc plated load chain supplied as standard.
- IP54 protection rating on all electric hoists and trolleys.
- Motor thermal protection on all Hitachi models.
- Optional radio remote control.
- Ambient temperature requirement of -10°C to 40°C degrees.
- Class M4 inclusive of 180 starts per hour.
- Completely enclosed design. Entire mechanism including; the motor, dual brake system, gears, rotating parts and electrical system can be operated under severe conditions.
- Reverse phase protection relay on all models excluding; 250kg, 500kg and single phase models.
- Special low headroom hoist arrangements are available to suit tight headroom applications.



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HOISTS, TROLLEYS
& BEAM CLAMPS



- **S Series:** Suitable for general work. Economical standard speed model.
- **F Series:** High-speed model that is sturdy and suitable for high-speed work.

ELECTRIC HOISTS & TROLLEYS

HITACHI ELECTRIC HOISTS & TROLLEYS

Hitachi S & F Series Hoists – Three Phase, 415V-50Hz

HITACHI
Inspire the Next

Product Code		Hitachi Item No.	Rated Capacity	Lifting Speed	Motor Rating	Load Chain (mm)		Headroom	Weight
3m Lift	Other Lifts					Ø x fall	Ø x pitch		

Single Speed

10076025	10076025SP	¼S	250	10	0.45	6.3 x 1	6.3 x 19.0	450	28
10076050	10076050SP	½S	500	7.2	0.63	6.3 x 1	6.3 x 19.0	450	31
10076100	10076100SP	1S	1,000	4.6	0.8	7.1 x 1	7.1 x 20.2	530	37
10076200	10076200SP	2S	2,000	2.3	0.8	7.1 x 2	7.1 x 20.2	645	49
10077100	10077100SP	1F	1,000	7.1	1.3	7.1 x 1	7.1 x 20.2	535	42
10077200	10077200SP	2F	2,000	6.8	2.4	10 x 1	10 x 30.0	660	80
10077300	10077300SP	3F	3,000	4.1	2.4	10 x 2	10 x 30.0	820	99
10077500	10077500SP	5F	5,000	2.8	2.4	10 x 3	10 x 30.0	1,020	121

Dual Speed

10076425	10076425SP	¼SN	250	7.2 / 1.8	0.32 / 0.08	6.3 x 1	6.3 x 19.0	450	33
10076450	10076450SP	½SN	500	7.2 / 1.8	0.63 / 0.16	6.3 x 1	6.3 x 19.0	450	36
10076500	10076500SP	1SN	1,000	4.6 / 1.2	0.8 / 0.2	7.1 x 1	7.1 x 20.2	530	42
10076600	10076600SP	2SN	2,000	2.3 / 0.6	0.8 / 0.2	7.1 x 2	7.1 x 20.2	645	54
10078200	10078200SP	2FN	2,000	6.8 / 1.7	2.4 / 0.6	10 x 1	10 x 30.0	660	96
10078300	10078300SP	3FN	3,000	4.0 / 1.0	2.4 / 0.6	10 x 2	10 x 30.0	820	112
10078500	10078500SP	5FN	5,000	2.8 / 0.7	2.4 / 0.6	10 x 3	10 x 30.0	1,020	146

A wide range of applications are provided for not only general machinery, automobile, and manufacturing, but also for applications from primary to tertiary industries including warehouses and retail stores.

- **Helical Gearing:** Used where practical to provide quiet operation.
- **Long Life Brake Unit:** Disk type electro-magnetic brake system for steady operation and long life. Equipped with the patented Automatic Adjusting Brake for easier maintenance and added safety.
- **Power Chain:** Special (patented) alloy steel chain surface hardened for optimum strength and wear resistance.
- **Lower Hook:** Heat-treated and equipped with safety latch and 360° swivelling.
- **Pushbutton Switch:** Rain-proof plastic for severe impact and corrosive atmosphere resistance and mechanically interlocked.
- Manufactured in Japan.



- **Never exceed the Rated Capacity!**
- **All materials handling or lifting jobs should be assessed individually.**
- **Hoisting products must not be used for lifting or lowering persons.**

ELECTRIC HOISTS & TROLLEYS

HITACHI ELECTRIC HOISTS & TROLLEYS

Hitachi S Series Hoists – Single Phase – Single Speed, 240V-50Hz

HITACHI
Inspire the Next

Product Code		Hitachi Item No.	Rated Capacity	Lifting Speed	Motor Rating	Load Chain (mm)		Headroom	Weight
3m Lift	Other Lifts		kg	m / min	kw	Ø x fall	Ø x pitch	mm	kg
10079025	10079025SP	¼S1	250	5	0.25	6.3 x 1	6.3 x 19	450	34
10079050	10079050SP	½S1	500	3.6	0.32	6.3 x 1	6.3 x 19	450	34
10079100	10079100SP	1S1	1,000	2.3	0.4	7.1 x 1	7.1 x 20.2	530	39
10079200	10079200SP	2S1	2,000	1.1	0.4	7.1 x 2	7.1 x 20.2	645	51

A single phase electric hoist designed for trouble free operation in general purpose applications.

- **Helical Gearing:** Used where practical to provide quiet operation.
- **Long Life Brake Unit:** Disk type electro-magnetic brake system for steady operation and long life. Equipped with the patented Automatic Adjusting Brake for easier maintenance and added safety.
- **Power Chain:** Special (patented) alloy steel chain surface hardened for optimum strength and wear resistance.
- **Lower Hook:** Heat-treated and equipped with safety latch and 360° swivelling.
- **Pushbutton Switch:** Rain-proof plastic for severe impact and corrosive atmosphere resistance and mechanically interlocked.
- Manufactured in Japan.



Hitachi Hoist Chain Container Details

HITACHI
Inspire the Next

Product Code	Type	Chain Size	6.3mm	7.1mm	10mm
10080041	AX	Max Capacity	8m	n/a	n/a
10080042	D	Max Capacity	12m	6m	2m
10080043	E	Max Capacity	20m	12m	4m
10080044	F	Max Capacity	30m	20m	8m
10080045	G	Max Capacity	40m	30m	16m

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HOISTS, TROLLEYS
& BEAM CLAMPS



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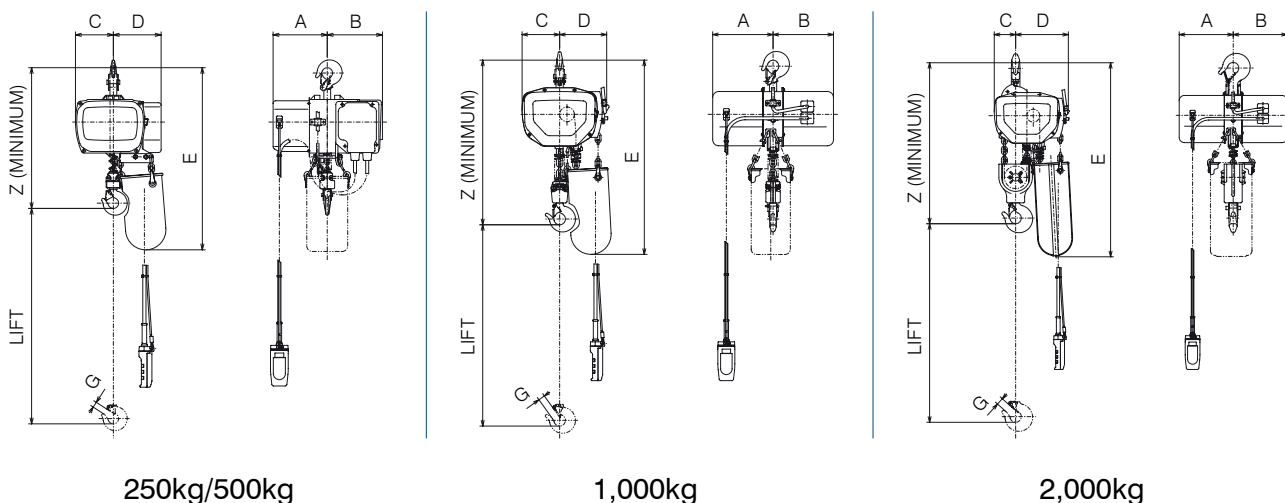
ELECTRIC HOISTS & TROLLEYS

DIMENSIONAL DRAWINGS

Hitachi S Series – Single/Three Phase – Single/Dual Speed

HITACHI
Inspire the Next

Capacity	250	250	500	500	1,000	1,000	2,000	2,000	250	500	1,000	2,000
Model	1/4S	1/4SN	1/2S	1/2SN	1S	1SN	2S	2SN	1/4S1	1/2S1	1S1	2S1
P. Code	10076025	10076425	10076050	10076450	10076100	10076500	10076200	10076600	10079025	10079050	10079100	10079200
Z (mm)	450	450	450	450	530	530	645	645	450	450	530	645
A (mm)	181	183	181	183	216	216	216	216	181	181	246	246
B (mm)	184	210	184	210	216	246	216	246	210	210	246	246
C (mm)	125	125	125	125	135	135	90	90	125	125	135	90
D (mm)	165	185	165	185	170	170	215	215	165	165	170	215
E (mm)	620	620	620	620	680	680	705	705	620	620	680	705
G (mm)	19	19	19	19	23	23	26	26	19	19	23	26



250kg/500kg

1,000kg

2,000kg



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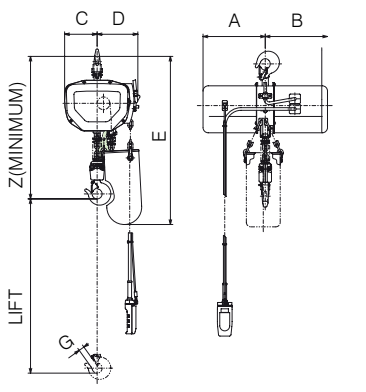
ELECTRIC HOISTS & TROLLEYS

DIMENSIONAL DRAWINGS

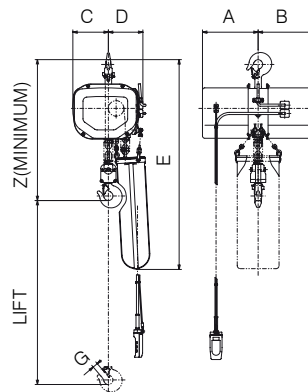
Hitachi F Series – Three Phase, 415V-50Hz

HITACHI
Inspire the Next

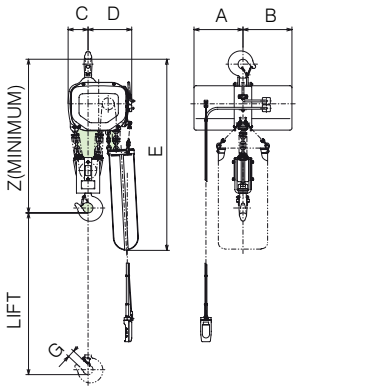
Capacity	1,000	2,000	2,000	3,000	3,000	5,000	5,000
Model	1F	2F	2FN	3F	3FN	5F	5FN
P. Code	10077100	10077200	10078200	10077300	10078300	10077500	10078500
Z (mm)	535	660	660	820	820	1020	1020
A (mm)	250	280	280	280	280	280	280
B (mm)	250	280	330	280	330	280	330
C (mm)	135	175	175	120	120	145	145
D (mm)	170	170	170	245	245	330	330
E (mm)	680	845	845	1,090	1,090	1,295	1,295
G (mm)	23	26	26	42	42	48	48



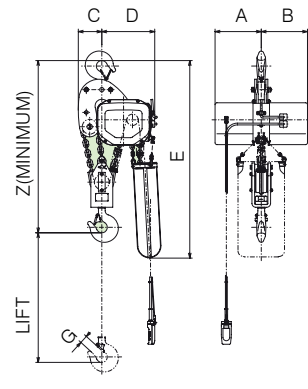
1,000kg



2,000kg



3,000kg



5,000kg



The information shown is to be used as a guide only. Specifications are subject to change without notice.



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- All materials handling or lifting jobs should be assessed individually.
- Hoisting products must not be used for lifting or lowering persons.

ELECTRIC HOISTS & TROLLEYS

HITACHI ELECTRIC HOISTS & TROLLEYS

ET/ETN Series Electric Trolley – Three Phase, 415V-50Hz



Product Code	Hitachi Item No.	Rated Capacity	ET Speed	Motor Rating	Min. Radius	Girder Width*	Weight
		kg	m / min	kw	m	mm	kg

Single Speed

10080710	1ET	1,000	10.5	0.14	1.5	75 – 125	38
10080720	2ET	2,000	10.5	0.14	1.8	100 – 150	52
10080730	3ET	3,000	10.5	0.30	2.0	100 – 150	60
10080750	5ET	5,000	10.5	0.30	3.0	125 – 175	86

Dual Speed

10080710D	1ETN	1,000	21 / 5.3	0.27	1.5	75 – 125	38
10080720D	2ETN	2,000	21 / 5.3	0.27	1.8	100 – 150	52
10080730D	3ETN	3,000	21 / 5.3	0.60	2.0	100 – 150	60
10080750D	5ETN	5,000	21 / 5.3	0.60	3.0	125 – 175	86

* Larger girder widths are available upon request.

Single Speed & Dual Speed models are fitted with guide rollers as standard to reduce wear and ensure stability for curved beam applications.

- Wide beam options available – refer table below.
- Manufactured in Japan.

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HOISTS, TROLLEYS
& BEAM CLAMPS

Wide Beam Kits



Product Code	Suits Hitachi Item No.	Wide Beam
		mm
10080801	1ET / 1ETN	155 – 191
10080802	2ET / 2ETN	180 – 210
10080803	3ET / 3ETN	180 – 255
10080805	5ET / 5ETN	205 – 305



- Never exceed the Rated Capacity!
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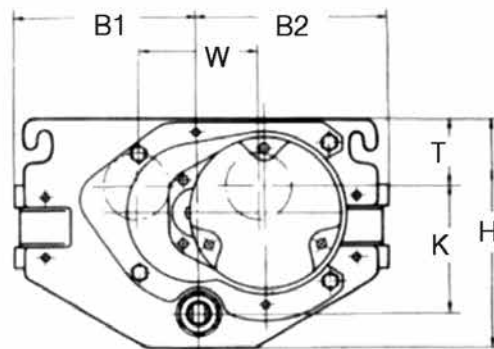
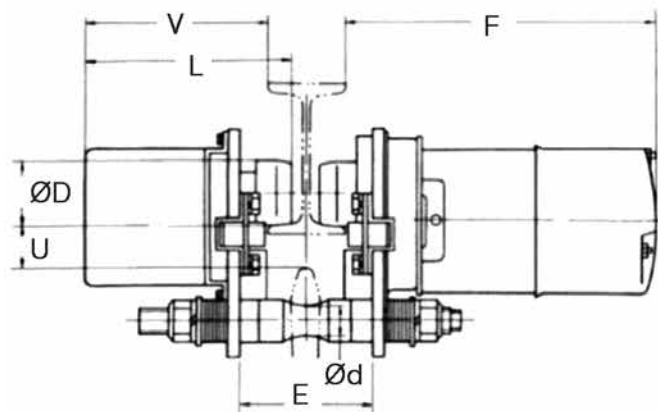
ELECTRIC HOISTS & TROLLEYS

DIMENSIONAL DRAWINGS

Hitachi ET/ETN Series – Three Phase – Single/Dual Speed, 415V-50Hz

HITACHI
Inspire the Next

Capacity (kg)	1,000	2,000	3,000	5,000
Model	1ET / 1ETN	2ET / 2ETN	3ET / 3ETN	5ET / 5ETN
P. Code	10080710 / 10080710D	10080720 / 10080720D	10080730 / 10080730D	10080750 / 10080750D
B1 (mm)	185	210	210	240
B2 (mm)	190	210	210	240
D (mm)	64	75	75	90
d (mm)	27	32	37	46
F (mm)	303	313	316	323
H (mm)	226	245	265	322
K (mm)	136	130	140	177
T (mm)	65	80	80	90
U (mm)	55	40	37.5	54
V (mm)	159	172	175	181
L (mm)	182	200	203	219
W (mm)	120	148	148	173
E (mm)	133	169	168	202



i • The information shown is to be used as a guide only. Specifications are subject to change without notice.

!

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- Hoisting products must not be used for lifting or lowering persons.

ELECTRIC HOISTS & TROLLEYS

PACIFIC ELECTRIC HOISTS & TROLLEYS

Pacific PEH Series Hoist – Three Phase – Dual Speed, 415V-50Hz



Product Code		Pacific Hoist Item No.	Rated Capacity	Lifting Speed	Motor Rating		Load Chain		Weight
3m Lift	Other Lifts				O/P (kw)	ED (%)	Dim. (mm)	Fall (no.)	
10100405	10100405SP	PEH050	500	10 / 2.5	1.1 / 0.28	40 / 20	6.3 x 19.1	1	42
10100410	10100410SP	PEH100	1,000	8 / 2.0	1.5 / 0.37	40 / 20	7.1 x 20.2	1	57
10100420	10100420SP	PEH200	2,000	4 / 1.0	1.5 / 0.37	40 / 20	7.1 x 20.2	2	62

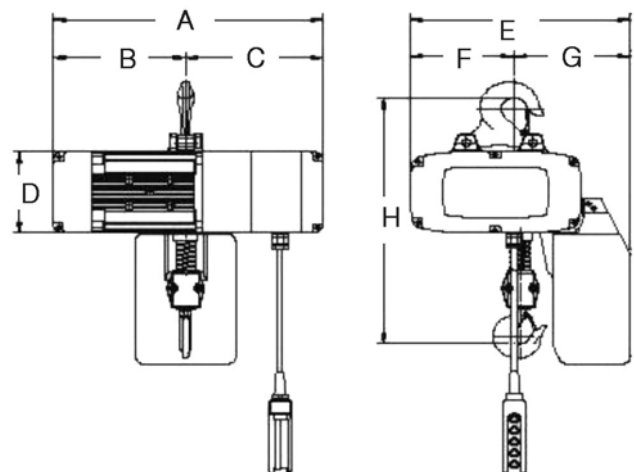
The Pacific electric chain hoist range offers a great balance between quality and price. Available from 500kg to 2 tonne WLL. All items are compliant with Standard AS1418.2.

- IP65 pendant with 24 volt control for operator safety.
- Overload protection clutch prevents damage caused by overloading.
- Inclusive of DC Brake which automatically engages in the event of a power failure.
- Completely enclosed design to withstand harsh conditions.
- Upper and lower electrical limit switches.
- Grade 80 zinc plated load chain supplied as standard.
- Motor thermal protection on all models.
- Fuse protection provided for both primary and secondary control circuits.
- IP54 protection rating on all models.
- Reverse phase protection relay on all models.
- Optional radio remote control.



Dimensional Drawings

Capacity (kg)	500	1,000	2,000
Model	PEH050	PEH100	PEH200
Product Code	10100405	10100410	10100420
A (mm)	468	487	487
B (mm)	221	240	240
C (mm)	247	248	248
D (mm)	156	170	170
E (mm)	366	398	398
F (mm)	186	188	188
G (mm)	180	210	210
H (mm)	485	520	592



The information shown is to be used as a guide only. Specifications are subject to change without notice.



- Never exceed the Rated Capacity!
- All materials handling or lifting jobs should be assessed individually.
- Hoisting products must not be used for lifting or lowering persons.

ELECTRIC HOISTS & TROLLEYS

PACIFIC ELECTRIC HOISTS & TROLLEYS

Pacific PET Trolley – 415V-50Hz

Pacific Hoists

Product Code	Pacific Hoist Item No.	Rated Capacity	Traverse Speed	Girder Width	Motor Rating
		kg	m / min	mm	O/P (kw)

Single Speed

10100505	PET050	500	10	70 – 125	0.12
10100510	PET100	1,000	10	70 – 125	0.18
10100520	PET200	2,000	10	100 – 150	0.37

Dual Speed

10100505D	PET055	500	20 / 5	70 – 125	0.12 / 0.03
10100510D	PET105	1,000	20 / 5	70 – 125	0.18 / 0.04
10100520D	PET205	2,000	20 / 5	100 – 150	0.37 / 0.09

The Pacific electric trolley range offers a great balance between quality and price.

- Complies with AS1418.2
- IP54 protection rating.
- Wide beam option available – refer table below.



Wide Beam Kits

Pacific Hoists

Product Code	Suits Pacific Item No.	Wide Beam
		mm
10100605A	PET050 / PET055	126 – 210
10100605B	PET050 / PET055	211 – 310
10100610A	PET100 / PET105	126 – 210
10100610B	PET100 / PET105	211 – 310
10100620A	PET200 / PET205	151 – 225
10100620B	PET200 / PET205	226 – 310

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HOISTS, TROLLEYS
& BEAM CLAMPS



- **Never exceed the Rated Capacity!**
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ELECTRIC HOISTS & TROLLEYS

PACIFIC ELECTRIC HOISTS & TROLLEYS

Pacific Umega Porta Series – Single Phase, 240V-50Hz



Product Code		Pacific Hoist Item No.	Rated Capacity	Lifting Speed	Motor Rating		Load Chain		Weight
6m Lift	Other Lifts				O/P (kw)	ED (%)	Dim. (mm)	Fall (no.)	
10059341	10059341SP	PPH125	125	0-3.2 / 12.5	0.3	30	4.0 x 12	1	17.5
10059342	10059342SP	PPH240	250	0-3.2 / 12.5	0.6	30	4.0 x 12	1	17.5
10059343	10059343SP	PPH500	500	0-1.6 / 6.3	0.6	30	4.0 x 12	2	20.6

The Pacific Porta Hoists are compact, lightweight 240V single phase electric chain hoists. They are conveniently supplied in a durable travel case which makes them the ideal portable solution for lifting, lowering & handling loads up to 500kg.

All models are supplied as standard with 6m height of lift, a 5m pendant control, chain bucket and 3m power supply cable.

All Pacific Porta Hoists are manufactured to comply with AS1418.2.

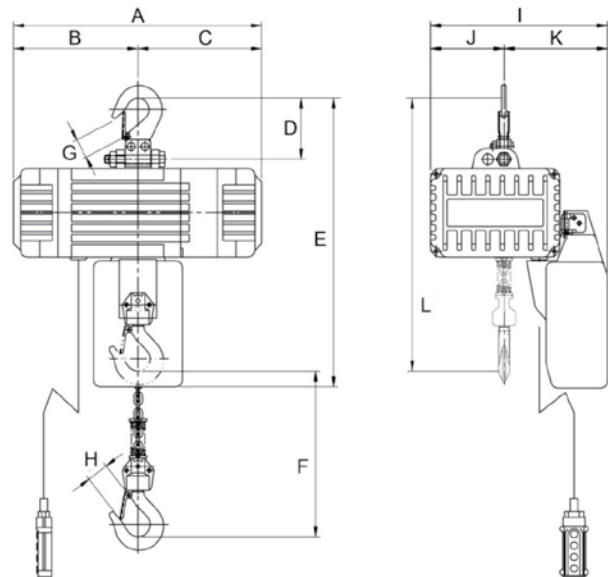
- Available in 125kg, 250kg and 500kg capacities.
- Duty cycle rated at 30% ED with 180 starts per hour.
- 18V DC low voltage control for safe operation.
- IP65 pendant control, dual speeds with variable speed slow control for raise and lower.
- Overload protection clutch prevents damage caused by overloading.
- Upper and lower electrical limit switches.

Additional height of lift is available upon request. Please note that this may vary the size and weight of the hoist and therefore may not fit into the travel case.



Dimensional Drawings

Capacity (kg)	125	250	500
Model	PPH125	PPH240	PPH500
Product Code	10059341	10059342	10059343
A (mm)	364	364	364
B (mm)	182	182	182
C (mm)	182	182	182
D (mm)	89	89	89
E (mm)	423	423	423
F	6m lift	6m lift	6m lift
G (mm)	25	25	25
H (mm)	25	25	25
I (mm)	260	260	260
J (mm)	108	108	84
K (mm)	152	152	176
L (mm)	400	400	494



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ELECTRIC HOISTS & TROLLEYS

ELECTRIC BUILDER'S HOIST

Pacific CW Wire Rope Series – Single Phase, 240V-50Hz



Product Code	Pacific Hoist Item No.	Rated Capacity	Lifting Speed	Max. Lifting Height	Motor Rating	Wire Rope	Weight
		kg	m / min	m	O/P (kw)	Ømm x m	kg
10059736	CWS80	80	30	35	0.8	3.3 x 36	18
10059737	CWS160	160	22	40	1.2	4.0 x 41	25
10059738	CWS230	230	14	24	1.3	5.0 x 25	26
10059739	CWS300	300	13	24	1.5	4.8 x 25	28

The Pacific Electric Wire Rope Hoists are suited for a wide range of applications such as warehouses, construction sites and factories. Due to its compact and lightweight design, it is perfect for when easy installation and quick use is needed.

- Automatic upper limit switch; when rope disc touches the limit arm, hoisting is automatically stopped.
- Dynamic and mechanical brake providing instant and safe braking.
- Convenient 240V / single phase power supply.
- Sensor arm automatically activates lower limit switch to stop motor if rope is under wound.
- Supplied with 3m power lead and industry plug. Comes with 10m heavy duty IP65 waterproof pendant control.
- Wire rope with 360° weighted hook with safety latch.
- Mount bracket and swivel arm assembly can be purchased as optional extras – refer table below.



Options Extras for CW Series



Product Code	Description
10059742	Trolley Mount Bracket
10059742S	Swivel Arm Assembly



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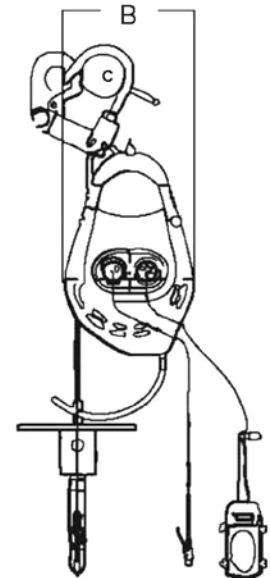
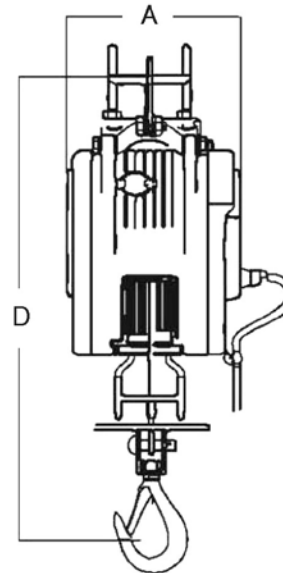
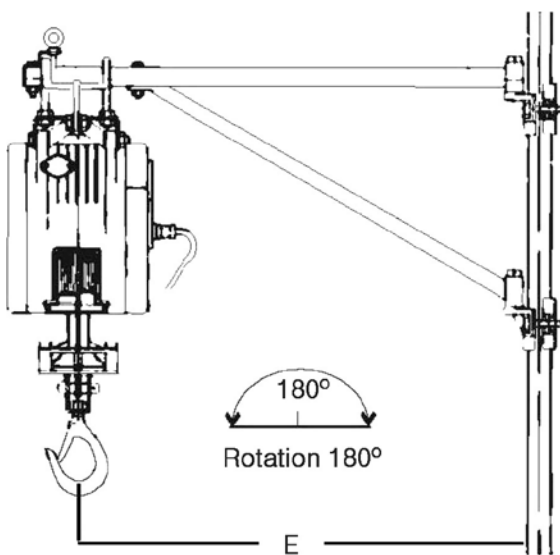
ELECTRIC HOISTS & TROLLEYS

DIMENSIONAL DRAWINGS

Pacific CW Wire Rope Series – Single Phase, 240V-50Hz

Pacific Hoists

Capacity (kg)	1,000	2,000	3,000	5,000
Model	CWS80	CWS160	CWS230	CWS300
Product Code	10059736	10059737	10059738	10059739
A (mm)	200	244	244	244
B (mm)	168	182	182	182
C (mm)	Ø 65	Ø 60	Ø 60	Ø 60
D (mm)	605	640	640	640
E (mm)	879	879	879	879



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HOISTS, TROLLEYS
& BEAM CLAMPS



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ELECTRIC HOISTS & TROLLEYS

HITACHI & PACIFIC HOIST EXTRAS



IKUSI REMOTE CONTROLS

Transmitters T70 1

Functions: Raise, Lower, East, West, E/Stop

- High-sensitivity two-step push button.
- Multiband radio with Full-Duplex communication.
- High customisable.
- LCD display optional.
- External removable EEPROM SIM module.
- Easy and fast maintenance.
- High resistance to impacts.
- Frequency management.
- Battery power pack included.

Receivers R06

Functions: Raise, Lower, East, West, North, South, E/Stop

- Multiband radio with Full-Duplex communication.
- External LEDs for troubleshooting.
- Highly field-customisable.
- Removable EEPROM SIM module.
- Frequencies management against interferences.
- STOP: PLd, Category 3 according to EN ISO 13849-1.
- Easy and fast maintenance.
- Multi-feedback capability.
- Six digital outputs.



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HOISTS, TROLLEYS
& BEAM CLAMPS

HITACHI & PACIFIC HOIST SPARES

- Load Chain
- Hand Chain
- Pendants
- Power Cables

All items can be supplied to required length on new hoists or spares as required. Larger size chain buckets available along with a full range of spare parts.



• Contact your local Cookes branch, Freephone 0508 274 366 or email customerservices@bridoncookes.co.nz for further information.

ELECTRIC HOISTS & TROLLEYS

HITACHI & PACIFIC HOIST EXTRAS



ELECTRICAL FEED SYSTEMS

Cookes offers a range of electrical feed systems to supply power to travelling hoists, cranes and other machinery.

AKAPP Multi Conductor Systems

AKAPP delivers compact, reliable and secure power supply systems for cranes, hoists and trolleys. The installation of these systems is suitable for both inside and outside, high and low temperatures and for extreme (weather) conditions.

Unique double-sided flexible rubber seal provides protection against dust, damp and corrosive environments. The rail system accepts up to seven conductors in continuous lengths, up to 300m.



Metreel Festoon Systems

The Metreel platform cable festoon system is designed to support one or more platform cables of various sizes.

The 'C' track provides safe free support of power and pendent cables, air lines etc. to electric hoists, air hoists, power tools, air tools in wide variety of applications.

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HOISTS, TROLLEYS & BEAM CLAMPS

Zeca Cable Reels

Zeca cable reels are lightweight and provide a safe and economical method of supplying power to moving machinery. They are designed for indoor and outdoor applications and require minimal assembly.

The reels are spring loaded; allowing the cable to be pulled out and to automatically recover as the machine moves back and forward.



Zeca Cable Reels

Product Code	Pacific Hoist Item No.	Cable Length / Spec	Amps
10001620	ZEC120	15m / 4x2.5mm ²	10
10001640	ZEC140	5.5m / 4x2.5mm ²	10



• Contact your local Cookes branch, Freephone 0508 274 366 or email customerservices@bridoncookes.co.nz for further information.

ELECTRIC HOISTS & TROLLEYS

CM ELECTRIC ENTERTAINMENT HOISTS

CM Lodestar® DS Series – Three Phase, 415V-50Hz



Product Code	CM Item No.	Rated Capacity	Lifting Speed	Chains	Load Chain		Headroom	Weight
		kg	m / min	No.	Ø (mm) x fall	Ø x pitch (mm)	mm	kg
10940905*	D8/F	500	4	1	6.3 x 1	6.3 x 19.0	413	32
10940910*	D8/L	1,000	4	1	7.9 x 1	7.9 x 21.8	472	53
10940920*	D8/RR	2,000	2	2	7.9 x 2	7.9 x 21.8	613	115

* Available on indent.

CM Lodestar® DS Series – Three Phase, 415V-50Hz

The CM Lodestar® is extensively used within the entertainment Industry in all types of venues and various application. Over 1 million units have been sold worldwide. Features adjustable limit switch and overload protection.

The Lodestar D8 is unsurpassed for reliability, a true industry leader. It's clutch, outside the load path, acts as a precise overload device.

Capacities: 500kg, 1 tonne, 2 tonne.

Compliance: AS1418.2

Voltage: 415V – 50Hz.

Control Voltage: 24V low voltage control.

Enclosure: Durable and lightweight housing.
Cast aluminium, black powder coated finish for low visibility.

Brake: Heavy duty DC brake.

Gearing: Helical design for long wear life and smooth operation.

Load Chain: Zinc plated to protect against corrosion.
Black phosphate finish optional.

Optional: Chain bag, easy to mount cloth type bags.
Chain stop, mounted on load chain to prevent over-travel.

- Loadstar® hoists are chained up to required length.
- Manufactured in the USA.



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HOISTS, TROLLEYS
& BEAM CLAMPS



- Never exceed the Rated Capacity!
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- Hoisting products must not be used for lifting or lowering persons.

ELECTRIC HOISTS & TROLLEYS

CM ELECTRIC ENTERTAINMENT HOISTS

CM Prostar Model 250 – Single Phase, 240V-50Hz



Product Code	CM Item No.	Rated Capacity	Lifting Speed	Load Chain		Headroom	Weight
		kg	m / min	Ø (mm)	Ø x pitch (mm)	mm	kg
10940902*	PS250	250	4	3.98	3.98 x 11.98	281	17

* Available on indent.

CM Prostar Model 250 – Single Phase, 240V-50Hz

The CM Prostar Model is designed and built for unique rigging applications typically encountered at small venues. Lightweight, quiet, portable and complete with overload protection. Chain stop mounted on load chain prevents over-travel.

Units are not oil lubricated – no risk of oil on stage. Available in custom lift heights to suit your requirements.

Capacity: 250kg

Compliance: AS1418.2

Control Voltage: 110V for long cable runs without voltage drop.
Low voltage is available on request.

Enclosure: Lightweight, cast aluminium.
Durable and strong powder coated finish for low visibility.

Brake: DC mechanical brake for low maintenance and quiet operation.

Gearing: Precision machined gears, heat treated for strength and durability.

Load Chain: Zinc plated to protect against corrosion.
Black phosphate finish optional.



- Prostar hoists are chained up to required length.
- Manufactured in the USA.

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HOISTS, TROLLEYS
& BEAM CLAMPS



- Never exceed the Rated Capacity!
- All materials handling or lifting jobs should be assessed individually.
- Hoisting products must not be used for lifting or lowering persons.

ELECTRIC HOISTS & TROLLEYS

SPARE LOAD CHAIN FOR ELECTRIC HOISTS

Cookes can source high quality load chain to suit many of the world's finest electric hoists.



Kito

CM Loadstar



Hitachi

Pacific



RUD manufacture hoist chains from the smallest size (3mm x 9mm) to the world's largest (32mm x 90mm).

Manufactured in Germany, RUD calibrated hoist chains offer high dynamic strength and uniform surface hardness to ensure maximum operating safety.

Quality RUD Load Chain can be imported to suit:

ASM

Elephant

Morris

Star Liftket

B.E.L (China)

GIS

Movecat

Street Hoists

Black Bear

Kone

Nitchi

SWF/Verlinde

Donati

Liftket

Stahl

Yale

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HOISTS, TROLLEYS
& BEAM CLAMPS



• Contact your nearest Cookes branch for details, Freephone 0508 274 366 or email customerservices@bridoncookes.co.nz.

ELECTRIC HOISTS & TROLLEYS

CARE & SAFETY INSTRUCTIONS

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 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.
- Do not use a hoist without a hoist name plate.
- Do not operate a hoist if it is damaged or malfunctioning.
- Do not use a twisted, kinked, damaged or stretched load chain.
- Do not use a hoist with a modified or deformed hook.
- Always check that the hook latches work properly.
- Do not use a hoist if the hook latch is missing or broken.

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.

Specific User Instructions will be provided with your new equipment. Please read these instructions carefully before operating the electric hoist or trolley.



• Never attempt to operate power hoisting equipment unless you have been fully trained and deemed competent to do so. Improper hoist use could result in serious injury or death.

AIR HOISTS

AIR HOISTS & TROLLEYS

JDN Mini Series – Flame Proof Air Hoist

Pacific Hoists

Product Code			JDN Item No.	Rated Capacity	Speed * (m / min)		Air Consumption* (m ³ / min)		Air Conn. type	Motor Output kw	Load Chain Ø x pitch	Weight 3m Lift kg
3m Lift	5m Lift	Other Lifts			kg	lifting	lowering	lifting				
10910125	10910127	10910127SP	MINI125	125	15	30	0.5	0.7	G ³ / ₈	0.4	4 x 12	9.5
10910130	10910132	10910132SP	MINI250	250	8	16	0.5	0.7	G ³ / ₈	0.4	4 x 12	10.5
10910140	10910142	10910142SP	MINI500	500	10	18	1.2	1.6	G ¹ / ₂	1.0	7 x 21	21.0
10910150	10910152	10910152SP	MINI1000	980	5	10	1.2	1.6	G ¹ / ₂	1.0	7 x 21	23.0

* Lifting/Lowering speeds and air consumption are shown at full load.

The JDN Mini Series widens the range of applications in the light duty sector as a handy, flexible and light-weight hoist. It is available in 3m or 5m lift heights only.

Standard features include:

- Complies with AS1418.2.
- Patented pre-lube motor design for low maintenance, oil-free operation.
- 100% duty rating and unlimited duty cycle suits all environmental conditions.
- Only six atmospheres of compressed air required (approx. 6 bar).
- Insensitive to dust, humidity and temperatures ranging from -20°C up to + 70°C.
- Suitable for horizontal pulling. Fail-safe brake, in case of air supply failure.
- Self-cooling economic air motor which will not overheat.
- Wear resistant motor braking system.
- Extremely sensitive lever control with emergency shut-off valve; max. control length 6m.
- Price competitive alternative when compared to other types of powered hoists.
- Easy operation and low maintenance design.
- Manufactured in Germany.



All JDN Pneumatic Hoists and trolleys comply to ATEX EX II 3GD IIA T4 regulations. Extra protection is further available to Zone 1, Group IIB, Zones 1 & 2 Group IIC and offshore special requirements such as paint thickness, spark-proof hooks, and wheels etc.

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HOISTS, TROLLEYS & BEAM CLAMPS



JDN Mini Air Hoists fit easily to Cookes push trolleys, Pacific geared Trolleys or Cookes girder clamps.



Cooke's Push Trolleys



Pacific Geared Trolleys



Cooke's Girder Clamps.



- Never exceed the Rated Capacity!
- All materials handling or lifting jobs should be assessed individually.
- Hoisting products must not be used for lifting or lowering persons.

AIR HOISTS

DIMENSIONAL DRAWINGS

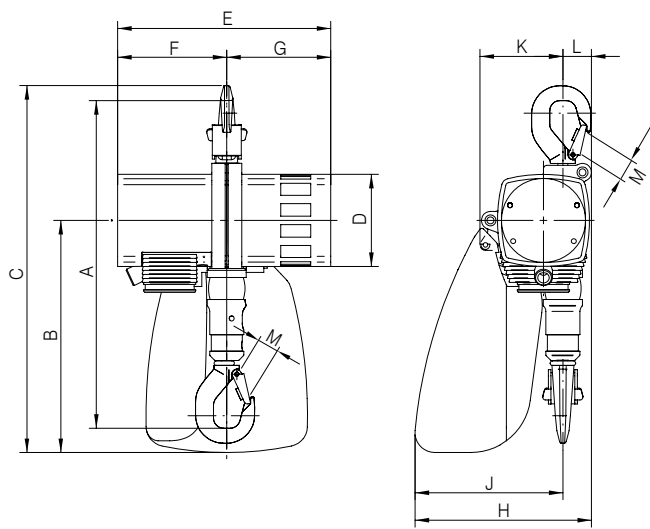
JDN Mini Series – Flame Proof Air Hoist

Pacific Hoists

Capacity (kg)	125	250	500	980
Model	MINI125	MINI250	MINI500	MINI1000
Product Code	10910125	10910130	10910140	10910150
A (mm)	328	328	458	458
B (mm)	232	232	316	316
C (mm)	367	367	505	505
D (mm)	92	92	122	122
E (mm)	213	213	292	292
F (mm)	109	109	148	148
G (mm)	104	104	144	144
H (mm)	177	177	234	234
J (mm)	148	148	194	194
K (mm)	83	83	119	119
L (mm)	29	29	40	40
M (mm)	19	19	28	28

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HOISTS, TROLLEYS & BEAM CLAMPS



i • The information shown is to be used as a guide only. Specifications are subject to change without notice.

!

- Never exceed the Rated Capacity!
- All materials handling or lifting jobs should be assessed individually.
- Hoisting products must not be used for lifting or lowering persons.

AIR HOISTS

AIR HOISTS & TROLLEYS

JDN Profi Ti Series – Flame Proof Air Hoist

Pacific Hoists

Product Code (3m Lift)			JDN Item No.	Rated Capacity	Speed * (m / min)		Air Consumption* (m ³ / min)		Air Conn. type	Motor Output kw	Load Chain Ø x pitch	Weight 3m Lift kg
2m Pendant	2m Cord	Other Lifts			kg	lifting	lowering	lifting				
10902050P	10902050	10902050SP	0.5Ti	500	11.0	17.0	1.2	1.5	G½	1.0	7 x 21	27
10902100P	10902100	10902100SP	1Ti	1,000	5.5	11.0	1.2	1.5	G½	1.0	7 x 21	28
10902200P	10902200	10902200SP	2Ti	2,000	2.7	5.5	1.2	1.5	G½	1.0	7 x 21	34
10902300P	10902300	10902300SP	3Ti	3,200	5.0	10.8	4.0	5.5	G¾	3.5	13 x 36	86
10902600P	10902600	10902600SP	6Ti	6,300	2.5	5.4	4.0	5.5	G¾	3.5	13 x 36	110
10902910P	10902910	10902910SP	10Ti	10,000	1.6	3.4	4.0	5.5	G¾	3.5	16 x 45	156

* Lifting/Lowering speeds and air consumption are shown at full load.

J.D. Neuhaus manufactures high quality, superior PROFI Air Hoists which are known for their robust designs. This makes their products suitable for tough industrial applications, even in continuous working processes. Safety features such as 100% duty rating and explosion protection, are important advantages for applications in hazardous areas.

Standard features include:

- Complies with AS1418.2.
- Patented pre-lube motor design for low maintenance, oil-free operation.
- 100% duty rating and unlimited duty cycle suits all environmental conditions.
- Only six atmospheres of compressed air required (approx. 6 bar).
- Insensitive to dust, humidity and temperatures ranging from -20°C up to + 70°C.
- ATEX – approved models available for application in dangerous and explosive environments.
- Self-cooling economic air motor which will not overheat.
- Fail-safe brake, in case of air supply failure.
- From 1 tonne upwards available with overload protection.
- Low decibel rating. Easy operation and low maintenance design.
- F-type sensitive infinitely variable speed control for the precise positioning of loads.
- Cord control or Brass Pendant control available, as well as an electro pneumatic interface for Radio Remote control as an option.
- Manufactured in Germany.



All JDN Pneumatic Hoists and trolleys comply to ATEX EX II 3GD IIA T4 regulations. Extra protection is further available to Zone 1, Group IIB, Zones 1 & 2 Group IIC and offshore special requirements such as paint thickness, spark-proof hooks, and wheels etc.

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HOISTS, TROLLEYS & BEAM CLAMPS



• Chain buckets available. Chains, pendants and power cables able to be extended as required.



- Never exceed the Rated Capacity!
- All materials handling or lifting jobs should be assessed individually.
- Hoisting products must not be used for lifting or lowering persons.

AIR HOISTS

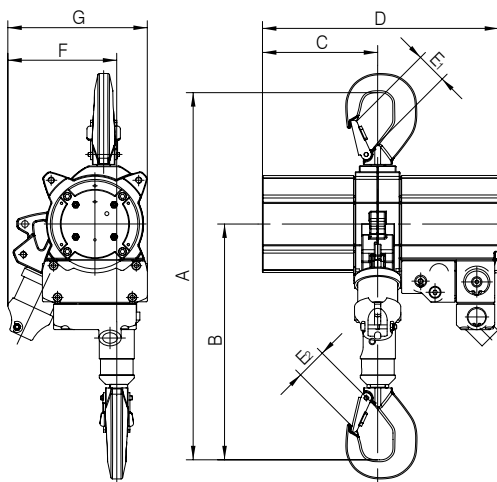
DIMENSIONAL DRAWINGS

JDN Profi Ti Series – Flame Proof Air Hoist

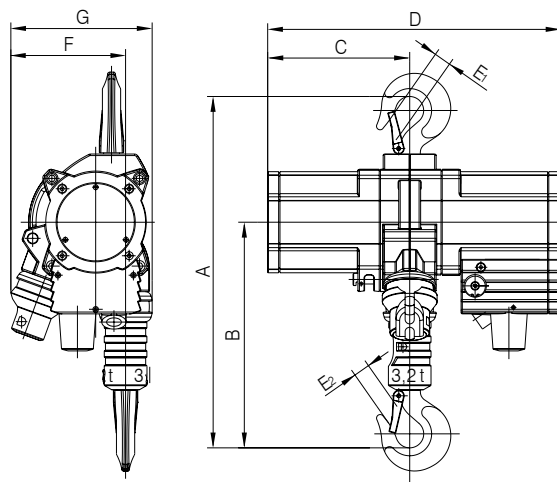
Pacific Hoists

Capacity (kg)	500	1,000	2,000	3,000	6,000	10,000
Model	0.5Ti	1Ti	2Ti	3Ti	6Ti	10Ti
Product Code	10902050	10902100	10902200	10902300	10902600	10902910
A min. headroom*	450	450	498	593	674	813
B (mm)	288	288	336	373	454	548
C (mm)	145	145	145	233	233	308
D (mm)	297	297	297	483	483	575
E ₁ (mm)	28	28	28	40	40	44
E ₂ (mm)	28	28	28	30	40	44
F up to hook centre	137	137	137	187	154	197
G max. width	176	176	183	233	233	306

* Chain buckets increase the hoist headroom.



Models 0.5Ti – 2Ti



Models 3Ti – 10Ti



The information shown is to be used as a guide only. Specifications are subject to change without notice.



- Never exceed the Rated Capacity!
- All materials handling or lifting jobs should be assessed individually.
- Hoisting products must not be used for lifting or lowering persons.

AIR HOISTS

AIR HOISTS & TROLLEYS

JDN Profi LM Series – Flame Proof Air Trolley

Pacific Hoists

Product Code	JDN Item No.	Rated Capacity	Traverse Speed	Beam Width	Air Consumption	Air Connection	Motor Output	Weight
		kg	m / min	mm	m3 / min	type	kw	kg
10910192	LM2T	500 – 2,000	9 / 14	50 – 200	0.6	G½	0.2	26
10910193	LM3.2T	3,200	15	55 – 310	0.6	G¾	0.2	33
10910194	LM6.3T	6,300	9 / 14	125 – 310	0.6	G¾	0.2	124
10910195	LM10-16T	10,000	5 / 12	125 – 310	1.3	G¾	0.7	220

J.D. Neuhaus manufacture superior PROFILM Series motorised air trolleys under strict quality control with demanding tolerances.

Standard features include:

- Complies with AS1418.2.
- Fitted with anti-climb and anti-drop devices as standard.
- Easy to install.
- Able to negotiate curves.
- Robust manufacture requiring little maintenance.
- The air supply can be fed by various systems: energy chain, c-rail, square rail, spiral hose or hose trolleys.
- Additional protection to meet offshore requirements available on request.
- Manufactured in Germany.

All JDN Pneumatic Hoists and trolleys comply to ATEX EX II 3GD IIA T4 regulations. Extra protection is further available to Zone 1, Group IIB, Zones 1 & 2 Group IIC and offshore special requirements such as paint thickness, spark-proof hooks, and wheels etc.

J·D·NEUHAUS
engineered for extremes



JDN Profi Hoist complete with Profi Trolley.

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HOISTS, TROLLEYS
& BEAM CLAMPS



- Never exceed the Rated Capacity!
- All materials handling or lifting jobs should be assessed individually.
- Hoisting products must not be used for lifting or lowering persons.

AIR HOISTS

DIMENSIONAL DRAWINGS

JDN Profi LM Series – Air Trolley

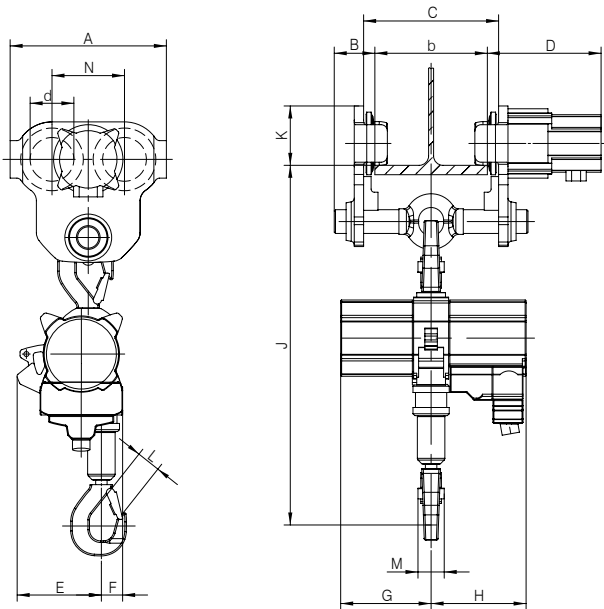
Pacific Hoists

Model	LM 2T			LM 3.2T	LM 6.3T	LM 10-16T
Suits JDN Air Hoist	0.5Ti	1Ti	2Ti	3Ti	6Ti	10Ti
Product Code	10910192			10910193	10910194	10910195
A (mm)	250	250	250	292	500	490
B (mm) max.	130	130	130	113	141	142
C (mm)	b + 36	b + 36	b + 36	b + 60	b + 70	b + 70
d (mm)	70	70	70	84	165	165
D (mm)	183	183	183	191	205	328
E (mm)	137	137	137	187	154	197
F (mm)	39	39	46	46	79	109
G (mm)	145	145	145	233	233	308
H (mm)	152	152	152	250	250	267
J ₂ (mm) suspended	563	563	611	798	919	1,176
K (mm)	95	95	95	107	188	188
L (mm)	28	28	28	30	40	42
M (mm)	42	42	42	42	51	66
N (mm)	116	116	116	136	236	236

* Chain buckets increase the hoist headroom.

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HOISTS, TROLLEYS
& BEAM CLAMPS



Profi Ti Series Hoist



The information shown is to be used as a guide only. Specifications are subject to change without notice.



- Never exceed the Rated Capacity!
- All materials handling or lifting jobs should be assessed individually.
- Hoisting products must not be used for lifting or lowering persons.

AIR HOISTS

AIR HOISTS & TROLLEYS

Endo EHL Series – Air Hoist



Product Code		Endo Item No.	Rated Capacity	Lifting Speed	Load Chain (mm)		Hook Suspended	Weight
3m Pendant	3m Pull Cord				Ø x fall	Ø x pitch		
10910200*	n/a	AT125K	125	14.5	4.0 x 1	4.0 x 12	790	12.5
10910205*	10910205C	EHL05TS	500	10.5	6.3 x 1	6.3 x 19	365	19.0
10910210*	10910210C	EHL1TW	1,000	5.2	6.3 x 2	6.3 x 19	440	25.0
10910215*	10910215C	EHL1TS	1,000	6.0	7.1 x 1	7.1 x 21	480	34.0
10910220*	10910220C	EHL2TW	2,000	3.0	7.1 x 2	7.1 x 21	540	42.0
10910230*	10910230C	EHL3TS	3,000	3.0	12.5 x 1	12.5 x 38	585	75.0
10910260*	10910260C	EHL6TW	6,000	1.5	12.5 x 2	12.5 x 38	770	96.0

* Available on indent.

** H.r. = Headroom

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.

Standard features:

- Complies with AS1418.2.
- Precise variable lifting and high speed.
- Quality load chain allowing high frequency of use.
- Upper and lower limit switches.
- 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.
- Manufactured in Japan.



EHL – AT125K

EHL – EHL1TW

Endo MTH Series – Trolley



Product Code	Endo Item No.	Rated Capacity	Traverse Speed	Suits Beam		Weight
				Range	Min. Radius	
		kg	m / min	mm	mm	kg
10915100*	MTH-1T	1,000	28	78 – 125	800	35
10915200*	MTH-2T	2,000	18	125 – 150	1,000	63
10915600*	MTH-6.3T	6,000	19	150 – 190	2,500	127

* Available on indent.

Pendant control with two directional functions.

- Designed for easy handling and high speed performance.
- Models to suit wider beam widths (154 – 305mm) available.
- Manufactured in Japan.



MTH – Trolley

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HOISTS, TROLLEYS & BEAM CLAMPS



- **Never exceed the Rated Capacity!**
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- **Hoisting products must not be used for lifting or lowering persons.**

AIR HOISTS

SPARE LOAD CHAIN FOR AIR HOISTS

Cookes can source high quality load chain to suit many of the world's finest electric hoists.

PYB ANCHOR
Endo
Pacific Hoists
JDN



RUD

RUD chains, Germany, manufacture finest quality, calibrated load chains offering high dynamic strength and uniform surface hardness to ensure maximum operating safety.

Quality RUD Load Chain can be imported to suit:

Atlas Copco

Ingersoll Rand

Sami

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HOISTS, TROLLEYS
& BEAM CLAMPS



• Contact your nearest Cookes branch for details, Freephone 0508 274 366 or email customerservices@bridoncookes.co.nz.

AIR HOISTS

CARE & SAFETY INSTRUCTIONS

Before using your hoist (and air trolley if fitted), you must become thoroughly familiar with all warnings and instructions and recommendations.

- Do not operate hoist unless you are fully trained, physically fit and authorised to do so.
- Your hoist may be fitted with various safety devices; load brakes, hook latch, limit switch, emergency stop, shock protection. Prior to using your hoist, please ensure you identify and become familiar with these devices if any.
- Air Hoists are not designed for, and should never be used for, lifting, supporting or transporting personnel.
- Never modify, re-rate or alter hoisting equipment.
- When touching metallic hand controls which are colder than 0°C, the skin could freeze within seconds and at temperatures above 43°C burning may occur. Please ensure suitable gloves are worn.
- Air Hoists that are in outdoor stationary positions must be protected against weathering and the maintenance intervals must be shortened.
- Depending on the individual air hoist, the hoist must be operated at a system pressure of 4 or 6 bar. If the system pressure is too low, important functions of the hoist will be impaired. If the pressure is too high, this will result in danger due to overloading.
- Air hoists must be operated with a sufficiently clean and dry air supply. Please read your manual for the correct requirements.
- Do not operate air hoists with other gases.
- Never stand under a raised load.
- Lifting must always be personally attended; never leave a raised load unattended.
- Over capacity load lifting is hazardous and should not be undertaken.
- Always inspect the hoist prior to use.
- Air hoists must not be used in the following applications; critical areas of nuclear plants, over acid baths or plants with corrosive substances, in areas where organic acids are present.
- Maintenance must be performed only by qualified personnel.
- Check daily; braking function, emergency stop device, lifting and lowering limits.
- Check monthly; check and lubricate chain.
- Check yearly; all bolted and pin connections, sprocket wheel and chain guides, load hook, compressed air connections, brake with load, motor, condition of chain box.



• Never attempt to operate hoisting equipment unless you have been fully trained and deemed competent to do so. Improper hoist use could result in serious injury or death.