

Hasemer 
Materials Handling

**Flexible
Lifting
Solutions**

Hasemer Materials Handling has been developing and supplying lifting solutions to the Australian and New Zealand markets since 1965.

Our goal is to provide your business with the quality lifting solution that meets your needs, cost effectively.

Finding the right lifting solution depends upon:

- The load you want to lift
- How high you want to lift it
- Where you want to move the load to; and
- The environment and location of your operations.

With a wide range of solutions, we aim to select and design the one that best fits your requirements of performance and cost.

Our solutions range from:

- Overhead travelling cranes
- Light workstation cranes
- Slewing jib cranes
- Portable cranes
- Crane designs and kits
- Electric chain hoists
- Vacuum lifting; or
- Spring balancers.



2 Overview of Products

Cranes – pages 3 to 6

We design crane solutions for loads up to 5 tonne. Whether it is an overhead travelling crane (page 3), a light workstation crane (page 4), a portable gantry crane (page 5), or a slewing jib crane (page 6), we can design, manufacture, install and service it.

Industrial Electric Chain Hoists & Trolleys – pages 7 to 9

We sell and service the GIS range of electric chain hoists (page 8) and trolleys (page 7). Stocking a wide range of models, we tailor these to your requirements, whether it be the height of lift that you need, the hoisting and travel speed or for a specific environment or operation. Made in Switzerland for over 50 years, the GIS brand is synonymous with quality, reliability and lifetime value for money.

Vacuum Lifting – pages 10 to 11

Sometimes you need to lift an item that is difficult to rig or has no attachment point. GIS Vacuum Lifting is the perfect solution in these cases. Able to lift loads up to 500kg, the GIS Vacuum Lifting system has a range of models and vacuum heads to lift a wide range of loads.

Other Lifting Solutions – page 12

Entertainment Hoists

The GIS Lift-Champ range of entertainment hoists provides the complete solution for your production or event. Compliant with European entertainment standards, these hoists have a wide range of options including 2nd brakes, encoders, geared limits with emergency stops, load sensors, and variable speeds.

Spring Balancers

Providing the perfect support for your tools, we stock a range of spring balancers able to handle loads to 185kg with stroke lengths up to 2.5m.

Design, Service & Maintenance – page 13

Lifting Attachments

With over 40 years experience, we can design and manufacture specialised lifting attachments for your business.

Servicing & Maintenance

We can provide a full service for maintaining your cranes and hoists (both chain and wire rope). No matter what the rated capacity of your crane, our experienced team can provide a regular maintenance program in accordance with Australian Standards, one-off servicing and break-down repairs.

Overhead Travelling Cranes



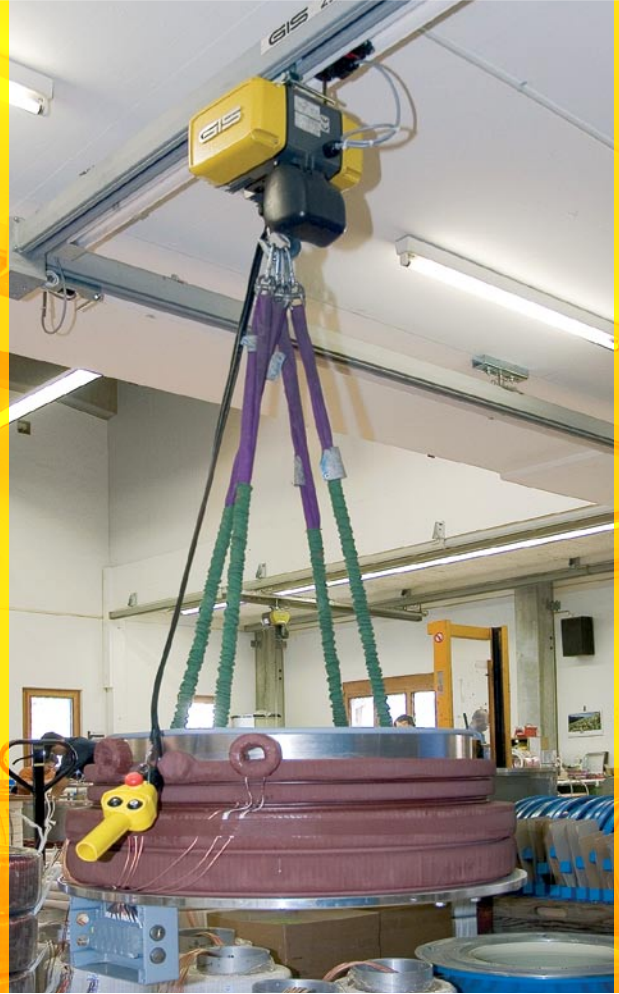
Overhead Travelling Cranes

For loads up to 5 tonne with long bridge spans and runways, these cranes will improve efficiency, safety and the effectiveness of moving your loads throughout your factory. Comprising an electric chain hoist, cross travel drive (either manual or motorised), long travel drives (either manual or motorised) and crane catenary systems, the GIS overhead travelling crane is designed accordance with Australian Standards to your specific requirements and factory size.

All cranes can be controlled either with pendants or remote controls. Roving pendant controls are also available.

With the design of a tailored lifting solution, the installation of a GIS overhead travelling crane will improve the productivity and safety of your operations, whilst reducing the requirement for other lifting solutions such as forklifts.

Light Workstation Cranes



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Light Workstation Cranes

The GIS KB Crane System is a cost effective, modular system that can lift and move loads up to 1,500kg. Providing countless solutions, this modular system is easy to install with all components being fixed with fasteners and clamps.

As the system is modular, it can be easily extended or relocated as your business grows providing a flexible solution to your changing lifting requirements. Specially designed for lifting light loads in workstations, your loads can be moved quickly and quietly with minimal effort.

The GIS KB Crane System can either be designed as a:

- Monorail with bends, switches and turntables enabling you to link workstations and easily move your load throughout your factory.
- Single bridge crane for transporting your loads over wide areas where headroom is not a problem; or
- Double bridge crane used for longer spans and heavier loads, but also where headroom is a problem.

Portable Cranes



Portable Cranes Lifting up to 1,500kg

The Feltes Portable Gantry Crane imported from Germany provides an optimal balance between portability, ease of use and load bearing ability, providing the user with maximum flexibility in meeting their lifting requirements. Each model can be disassembled for ease of transportation and quickly reassembled in just 5 minutes.

The Feltes Gantry Crane comes in 3 models with optional beam sizes up to 6 metres:

- **Folding Gantry Crane:** 3 sizes being the Mini (2.1m under trolley), Standard (3.0m under trolley) and the Maxi (4.0m under trolley)
- **Static Gantry Crane:** 2 sizes being the Mini (2.1m under trolley) and Standard (3.0m under trolley)
- **Moveable Gantry Crane** with wheels.

Both the Folding and Static models can support loads up to 1,500kg with beam lengths up to 5 metres. A load capacity of 1,000kg is possible with 6 metre beams. Optional wheel sets are also available for attachment to the static models if required.

The Movable Gantry Crane can move under loads and support up to 1,000kg with beam lengths to 5 metres and 700kg for 6 metre beams.

All models come standard with a horizontal adjuster on one leg, making it possible to insert a support before the end of the carrier beam. This means you can vary the length of the slide, for example, when space is limited.

An optional wall bracket can be used to support one end of the crane. Applications include positioning the crane over a door or access area. The wall bracket permits limited swivelling of the crane.

Jib Cranes



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Jib Cranes

Slewing jib cranes are an excellent low-cost solution for lifting loads in localised areas. These cranes can support loads to 2 tonne and have jib arm lengths up to 7 metres. Standard with 270° slew, options include powered slew, 360° rotation or articulating arms.

The Jib Crane can either be a Pillar or Wall Mounted Jib Crane: the Pillar model has the Jib mounted on a freestanding column whilst the Wall Mounted Jib Crane is installed on an existing pillar or wall.

Ideal for use with a GIS Electric Chain Hoist, the GIS Jib Crane range can also be used for a variety of purposes and with a wide range of attachments including chain hoists, chain blocks, and spring balancers.

Cranes Kits & Trolleys



Crane Kits & Trolleys

The GIS crane kits are a easy solution whether replacing your existing crane components or fabricating your own crane. With motorised or push trolleys, catenary systems, and an electric chain hoist, we can provide you with the crane kit that fits your structure.

The GIS Push and Electric Trolleys are the ideal complement to the GIS Electric Chain Hoist for your crane needs. Easily installed, the trolleys come in three models:

- Manual push trolleys
- Single speed electric trolleys
- Two speed electric trolleys (speeds up to 20m/min)

Able to support loads up to 5,000kg, the trolleys can be made to fit a wide range of flange widths (up to 320mm) enabling these trolleys to operate on broad variety of jib, bridge, gantry and overhead travelling cranes.

The benefits of the GIS Push and Electric Trolleys are:

- galvanised steel components
- manual or electric models
- easy conversion from manual to electrical operation.

GIS-CH Electric Chain Hoist



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GIS-CH Electric Chain Hoist

The GIS-CH Electric Chain Hoist is designed for heavy industrial use. Swiss made, the hoists are robustly constructed with a cast aluminium housing for maximum strength, and will provide you with reliable, efficient and low-cost lifting for many years.

With its broad range of load capacities, these hoists have a range of options to precisely fit your requirements including:

- a range of speeds including single speed, two speed (normal, fast and high speed), or variable speed;
- lifting heights up to 120m tailored to your requirements, ensuring that you don't pay for excess chain;
- low voltage pendant or remote controls;
- IP 55 with IP 65 optional; and
- Hook or ring suspension.

Designed for safe lifting, the hoists have

- excellent overload protection with two slipping clutches;
- the brake located on the drive shaft after the slipping clutch;
- geared limits as standard ensuring that your loads move precisely where you want them to;
- low voltage pendant control (42 V); and
- chain breaking strength of a minimum 6:1.

Maintenance is easy with no special tools or electronic devices required and access to all parts (except the gears) from the non-grease end.



The GIS-CH Electric Chain Hoist range also includes:

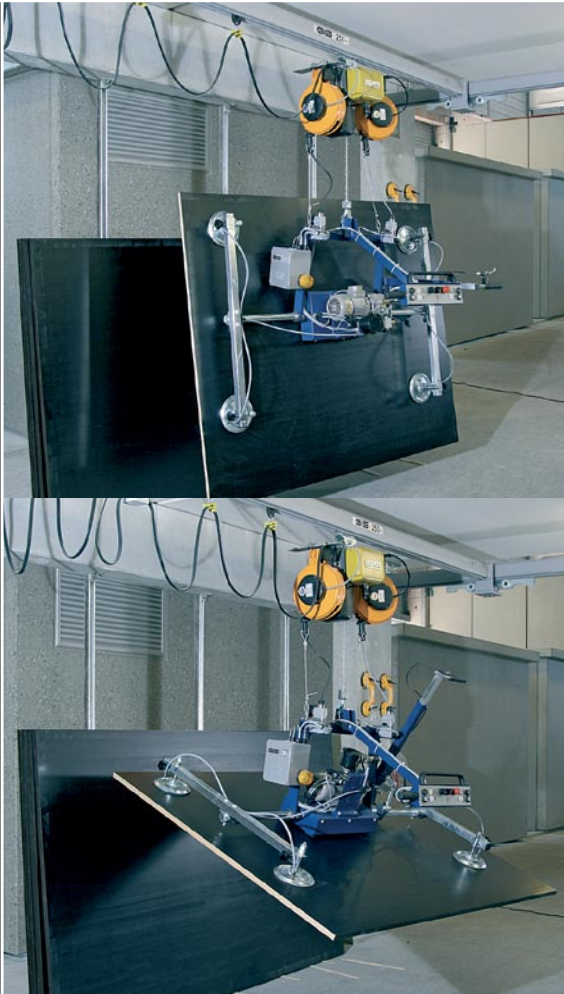
Low Headroom – specifically designed for working areas with low headroom with load capacities to 3,200kg and a variable hook position using the modular lengthening device.

Synchron – the ideal solution for precise lifting of long or bulky loads, this is available in two variants either 2 or 4 hooks with a maximum capacity of 1,250kg for each hook. A modular design able to be used in low headroom areas with the hook distances able to be varied to suit your requirements.

Chain & Telescopic Handy – flexible hand controlled units able to lift up to 250kg, these units have the controls positioned at hook height enabling fast and reliable operation. The Telescopic model has a rigid telescopic guide system providing accurate load position and control.

Corrosion Resistant – specifically designed for applications in aggressive atmospheres, this model has been tested for a range of acids and lyes. All contact affected parts are manufactured in corrosion resistant materials. IP 65 is standard and can lift loads up to 1,000kg.

Vacuum Lifting



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Vacuum Lifting

Vacuum lifting and handling has numerous advantages wherever there is demand for careful, quick and efficient handling of goods.

The GIS range of vacuum equipment provides an efficient and cost-effective practical solution perfectly adapted to countless applications. High quality standards guarantee durability of all components and ensure the equipment is a very sound investment.

The vacuum equipment range is designed to integrate with the GIS KB Crane System and Jib Cranes.

GIS offers three vacuum lifting models (capacity up to 500kg) that provide the widest possible range of applications:

Vacujet RG 400 – considerable force for air-permeable goods

This model provides high suction capacity for loads with a rough or slightly air-permeable surface for example: wooden boards, planks, furniture, cartons, boxes, crates etc.

Features include:

- Tilting feature – simple tilting of loads by the electromechanical drive up to 90 degrees
- Turning device 180 degrees – for boards/plates that require machining front and back at the same work station
- Self-winding cable reels for all power leads
- Optional multi-chamber system has a number of suction surfaces arranged longitudinally and transversally. As an example, they enable the simple lifting of different sizes of board layers. Return valves close the air current of the non-activated suction surfaces.



Vacujet RVP 125 – Firm grip on airtight materials

Lifts up to 500kg

Easily lifts and moves crack-free planks, plates of sheet metal, aluminium, steel, glass, drums and many other materials. It is widely used in the metal and wood processing industries.

Vacuhandling: New drive and energy with vacuum

Small loads of up to approximately 100kg can be moved quickly, safely and effortlessly with Vacuhandling. Employee productivity is substantially increased.

Vacuhandling is ideal for smooth handling of bags, cartons, boxes, drums, buckets, crates, appliances and many other goods.

Other Lifting Solutions



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Entertainment Hoists

The GIS Lift-Champ Electric Chain Hoists are widely used in the entertainment and event industry – in theatres, stages, film studios, stadiums and exhibition centres. Designed for both upright and inverted use without modification, these versatile hoists have a lifting capacity to 2,000kg, lifting heights to 60 metres and lifting speeds up to 20m/min or as slow as 4m/min.

Able to run quietly, these hoists can be used not only for rigging, but also raising and lowering sets during performances.

Designed to fully meet the range of European standards for entertainment chain hoists, including BGV-D8, BGV-D8 Plus and BGV-C1.

Spring Balancers

Spring balancers are the perfect tool for reducing employee fatigue whilst increasing productivity and safety. They can be used to support welding guns, spray guns, hand tools, crane pendant controllers and any other item of equipment that you require to be supported during normal operations

When properly installed, the tool or piece of equipment becomes almost weightless for the operator making it easier and safer to use. Able to support weights up to 180kg and with stroke lengths up to 2.5m, our range of spring balancers can ideally fit your requirements.

Design, Service & Maintenance



Lifting Attachments

With over 40 years experience in designing light lifting solutions, we design and manufacture a range of specialised lifting attachments specifically for your requirements including bulk bag lifters, spreader beams or tailored vacuum heads.

Servicing & Maintenance

Our experienced service team is able to service, inspect and repair your crane. Our team has considerable experience with a wide range of crane manufacturers, designs and sizes.

We are also able to design and implement a crane maintenance program especially for your business taking account of your crane usage, environment, manufacturers' requirements and Australian Standards.

As the Australian and New Zealand agent for GIS, we stock a full range of spare parts for the GIS range of chain hoists, trolleys and KB Crane System. For non-GIS crane components we are able to source spare parts either domestically or internationally.

Specifications

GIS-CH Electric Chain Hoist Specifications

Type	Capacity in kg following FEM*					Lifting speed m/min	Chain mm
	1Bm M3	1Am M4	2m M5	3m M6	4m M7		
GCH 250/1N	250	200	160	125	100	8	4x12.3
GCH 250/1NF	250	200	160	125	100	8/2	4x12.3
GCH 250/1SF	160	125	100	80	60	12.5/3	4x12.3
GCH 250/1HF	100	80	60	50	40	20/5	4x12.3
GCH 250/2N	500	400	320	250	200	4	4x12.3
GCH 250/2NF	500	400	320	250	200	4/1	4x12.3
GCH 250/2SF	320	250	200	160	125	6.3/1.5	4x12.3
GCH 500/1N	500	400	320	250	200	8	5x15.3
GCH 500/1NF	500	400	320	250	200	8/2	5x15.3
GCH 500/1SF	320	250	200	160	125	12.5/3	5x15.3
GCH 500/1HF	200	160	125	100	80	20/5	5x15.3
GCH 500/2N	1000	800	630	500	400	4	5x15.3
GCH 500/2NF	1000	800	630	500	400	4/1	5x15.3
GCH 500/2SF	630	500	400	320	250	6.3/1.5	5x15.3
GCH 1000/1N	1000	800	630	500	400	8	7x22
GCH 1000/1NF	1000	800	630	500	400	8/2	7x22
GCH 1000/1SF	500	400	320	250	200	16/4	7x22
GCH 1000/2N	2000	1600	1250	1000	800	4	7x22
GCH 1000/2NF	2000	1600	1250	1000	800	4/1	7x22
GCH 1000/2SF	1000	800	630	500	400	8/2	7x22

GIS-CH Electric Chain Hoist Dimensions

Type	A1 mm	A2 mm	A3 mm	A4 mm	B1 mm	B2 mm	B3 mm	C1 mm	C2 mm	C3 mm	H1 mm
GCH 250/1	246	281	146	40	309	155	26	164	40	385	363
GCH 250/2	246	281	164	40	309	155	26	164	40	385	395
GCH 500/1	246	281	146	40	309	155	27	164	40	385	377
GCH 500/2	246	281	169	40	309	155	27	164	40	385	417
GCH 1000/1	321	381	195	52	365	185	33	210	52	530	450
GCH 1000/2	321	381	235	52	365	185	33	210	52	530	520
GCH 1600/1	345	428	225	75	391	185	33	230	80	575	490
GCH 1600/2	345	428	265	75	391	185	33	230	80	575	610
GCH 2000/1	345	428	225	75	391	185	33	230	80	575	490
GCH 2000/2	345	428	265	75	391	185	33	230	80	575	610
GCH 2500/1	345	428	225	75	391	185	33	230	80	575	490
GCH 2500/2	345	428	265	75	391	185	33	230	80	575	610

Type	Capacity in kg following FEM*					Lifting speed m/min	Chain mm
	1Bm M3	1Am M4	2m M5	3m M6	4m M7		
GCH 1600/1N	1600	1250	1000	800	630	8	9x27
GCH 1600/1NF	1600	1250	1000	800	630	8/2	9x27
GCH 1600/1SF	1000	800	630	500	400	12.5/3	9x27
GCH 1600/2N	3200	2500	2000	1600	1250	4	9x27
GCH 1600/2NF	3200	2500	2000	1600	1250	4/1	9x27
GCH 1600/2SF	2000	1600	1250	1000	800	6.3/1.5	9x27
GCH 2000/1N	2000	1600	1250	1000	800	8	10x28
GCH 2000/1NF	2000	1600	1250	1000	800	8/2	10x28
GCH 2000/1SF	1250	1000	800	630	500	12.5/3	10x28
GCH 2000/2N	4000	3200	2500	2000	1600	4	10x28
GCH 2000/2NF	4000	3200	2500	2000	1600	4/1	10x28
GCH 2000/2SF	2500	2000	1600	1250	1000	6.3/1.5	10x28
GCH 2500/1N	2500	2000	1600	1250	1000	6.4	10x28
GCH 2500/1NF	2500	2000	1600	1250	1000	6.4/1.6	10x28
GCH 2500/1SF	1600	1250	1000	800	630	10/2.5	10x28
GCH 2500/2N	5000	4000	3200	2500	2000	3.2	10x28
GCH 2500/2NF	5000	4000	3200	2500	2000	3.2/0.8	10x28
GCH 2500/2SF	3200	2500	2000	1600	1250	5/1.25	10x28

*FEM classification: switches per hour on control pendant

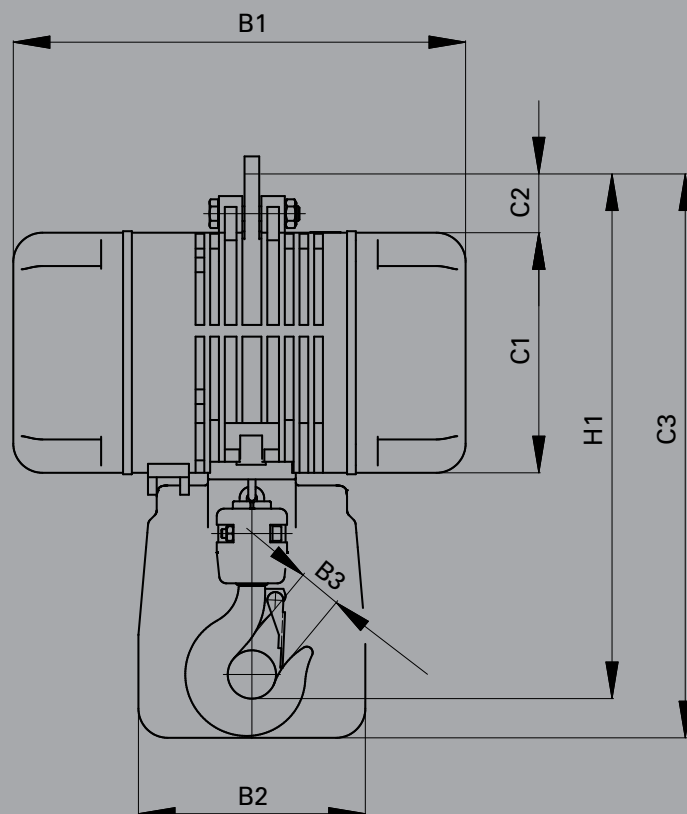
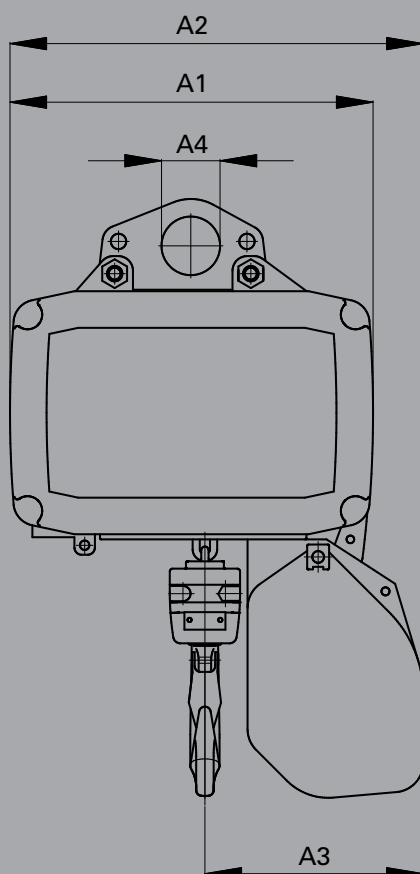
1Bm (M3) = 150 switches per hour, 25% duty

1Am (M4) = 180 switches per hour, 30% duty

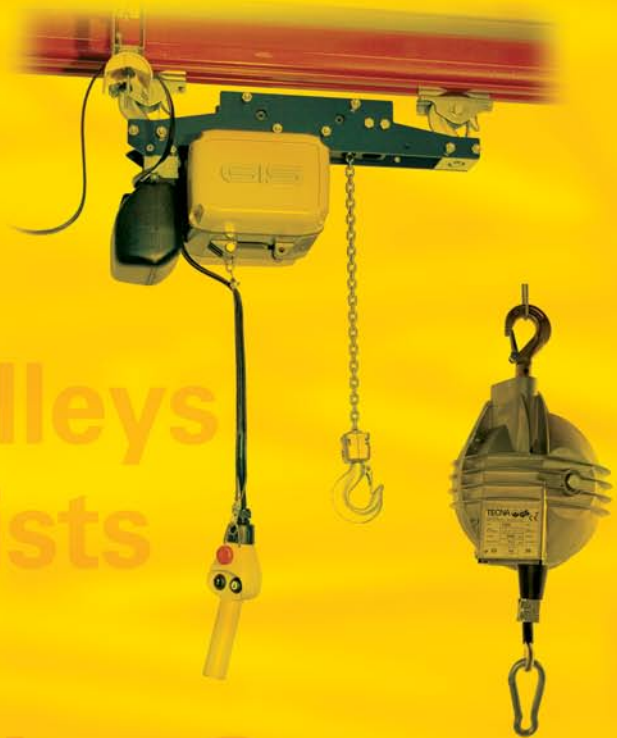
2m (M5) = 240 switches per hour, 40% duty

3m (M6) = 300 switches per hour, 50% duty

4m (M7) = 360 switches per hour, 60% duty



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Portable Cranes
Vacuum Lifting
Jib Cranes
Cranes Kits & Trolleys
Electric Chain Hoists
Spring Balancers
Overhead Travelling Cranes



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