



# GIS GCH Electric Chain Hoist



## GIS Electric Chain Hoists (up to 5000 kg)

A further evolution in chain hoist development from GIS, specialists in chain hoist manufacture since 1963. The GIS manufacturing facility contains some of the most modern machining centres and the hoist embodies the latest manufacturing techniques and technology.

- Designed and manufactured to work even in the most extreme of conditions
- Lifting capacity from 125–5000kg
- Single or dual speeds available with many different speed options
- Permanent hoist lubrication for wear resistant operation
- Cast aluminium housing and end covers using the latest casting technology, maximum solidity, no plastics used
- Advanced brake design providing maximum safety with minimum maintenance
- Five or six pocket chain wheel giving extremely quiet running
- 42V control system, electrical geared limit switches fitted as standard
- Fitted with mechanical stops to prevent over travel as required in FEM standards
- Ergonomic design 2 or 4 button control pendant with E stop
- Reliable, low wear, easy to maintain

Available with Eye or Hook suspension, push or electric trolley on I-Beams or combined with GIS crane system

GIS Hoists is part of Lift Turn Move Ltd, which was established in September 2004, and is based in Birkenhead, Wirral.

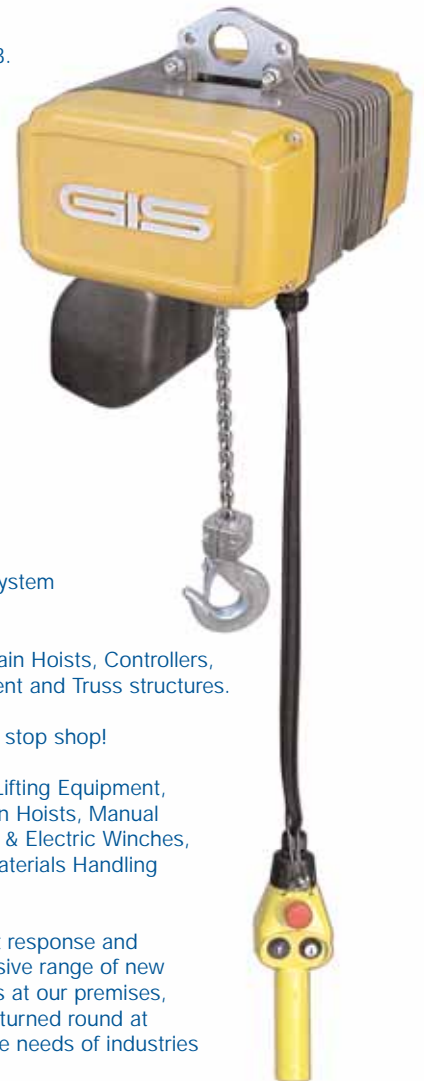
LTM is an independent company which is wholly owned and operated by the people who run the business day by day, this ensures decisions and actions can be made swiftly and customer service is top priority.

John Jones, David King and Dave Ward run the business with Jenny Hobday, Dan Holme, Alison Jones, James Porter, Dawn Gerrard and Carl Hamlet in sales and office roles. They are joined by Peter Ashford and Gwyn Davies in external technical sales.

Dave Ward is joined in the engineering workshop by Geoff Cromwell, Phil Jones, Lee Cuff, Don Paul, Wade Taylor, Mike Cromwell and Jim Marshall - all Engineers. Together we combine over 230 years of lifting and materials handling experience.

An extensive range of equipment is available from LTM including many "off the shelf problem solvers", if you have any unusual requirements we will be pleased to source equipment for you - we have extensive knowledge of "who makes what" in Europe and beyond.

Lift Turn Move operates in two separate but related business areas. We supply an extensive range of Lifting and Handling equipment for the Professional Leisure and Entertainment Industry Lifting



Applications, including Chain Hoists, Controllers, Winches, Rigging Equipment and Truss structures.

We are your complete one stop shop!

We also supply Industrial Lifting Equipment, covering GIS Electric Chain Hoists, Manual Hoisting Equipment, Hand & Electric Winches, Jacking Equipment and Materials Handling Equipment.

We pride ourselves on fast response and delivery, we hold an extensive range of new equipment and spare parts at our premises, orders and repairs can be turned round at speed. LTM understand the needs of industries where service is critical.

When you deal with LTM you get experience, problem solving and most of all flexibility free of charge.

Please let us quote for your requirements - we hope you will find our service helpful, prompt and efficient. All we can ask is that you give us an opportunity to impress you.



# Overview of GIS Products



## Lifting Technology

GIS Electric Chain Hoists (up to 5000 kg)

- Low Wear, reliable, easy to maintain
- Application: stationary, movable on I-beams or combined with GIS Crane System

## Crane Technology

GISKB Crane System (up to 1250 kg)

- Modular concept
- Single and double bridge suspended crane for all-round goods transportation
- Monorail with bends and switches for monorail transportation
- Lightweight design

GIS Travelling Cranes (up to 5000 kg)

- Designed to customer specifications
- Conventional design
- Especially suitable for large span

GIS Slewing Pillar and Wall Jib Cranes (up to 1000 kg)

- For use when ceilings have insufficient load-bearing capacity
- An ideal addition to your suspended crane
- Quick to plan, simple, easy to handle

## Vacuum Lifting Technology

Gentle lifting with GIS Vacuum Equipment (up to 500 kg)

- For all types of surfaces and a huge variety of products
- Can be combined with Electric Chain Hoists/Wire Rope Hoists

## Your Benefits

- Perfected quality products
- Tested and proven thousands of times over
- Simple design and installation
- At any time extendable

**LTM - LIFT TURN MOVE LIMITED**

UNIT 6, APPIN ROAD  
ARGYLE INDUSTRIAL  
ESTATE  
BIRKENHEAD  
MERSEYSIDE  
CH41 9HH  
UK

TEL: +44(0)151 649 0467  
FAX: +44(0)151 649 0099  
WWW.GISHOISTS.CO.UK  
SALES@LIFTTURNMOVE.CO.UK





# GIS GCH Electric Chain Hoist

## Specification – GIS-GCH Electric Chain Hoist

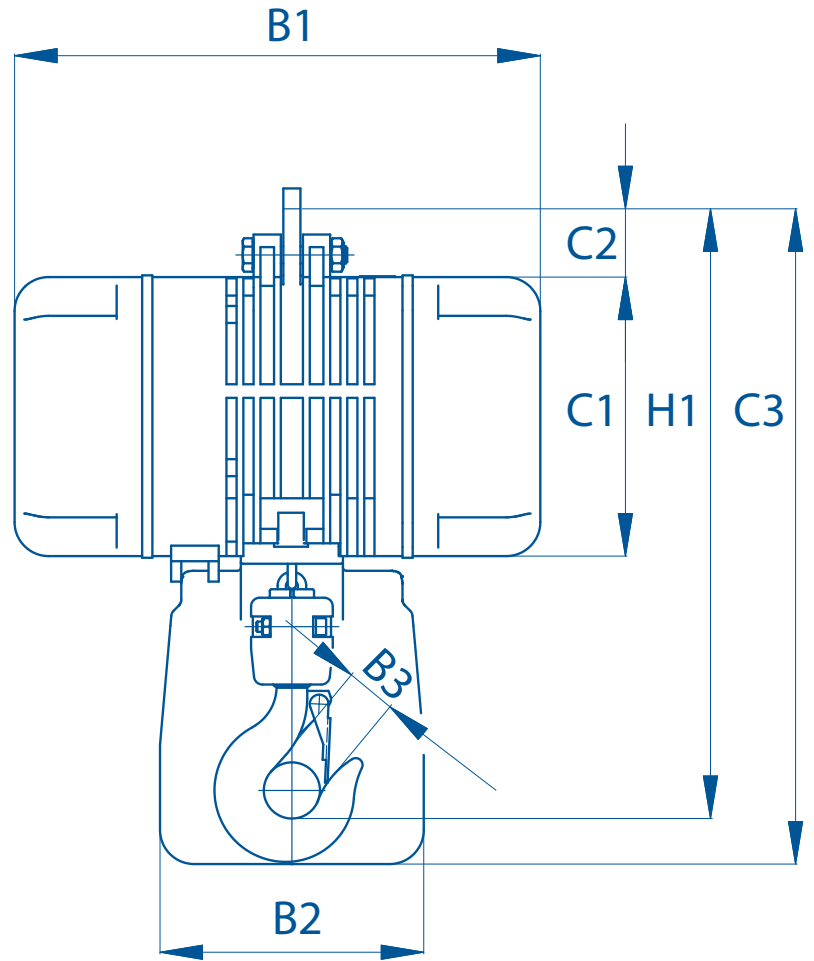
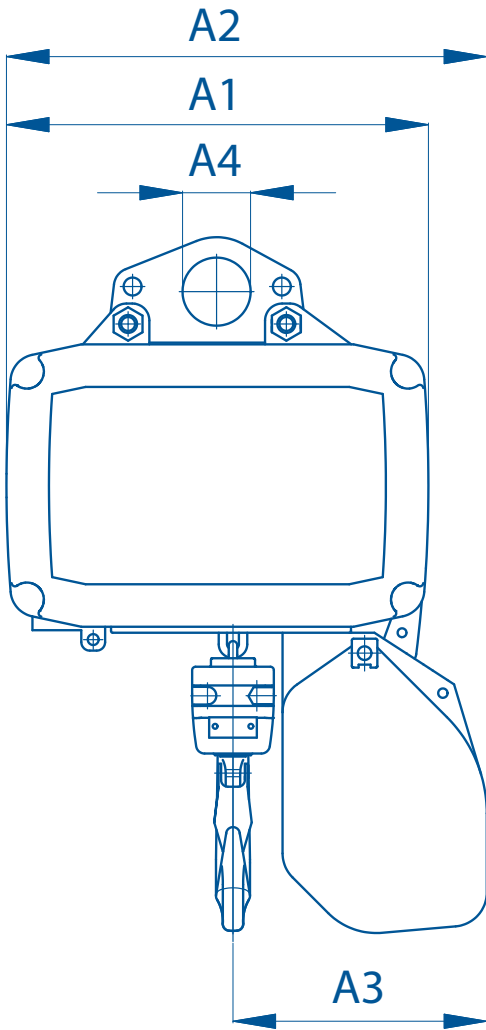
Types	Duty Classification/Capacity					Lifting speed (m/min)	Motor power (kW)	3 x 400V 50Hz (A)	1 x 230V 50Hz (A)	No. Of chain falls	Eye/hook suspension weight 3m lift (kg)	Weight per extra metre lift (kg)
	1Bm 150 s/h 25% duty (kg)	1Am 180 s/h 30% duty (kg)	2m 240 s/h 40% duty (kg)	3m 300 s/h 50% duty (kg)	4m 360 s/h 60% duty (kg)							
GCH 250/1N	250	200	160	125	100	8	0.36	1.3	-	1	19	0.32
GCH 250/1NF	250	200	160	125	100	8/2	0.36/0.09	2.7/3.0	-	1	22	0.32
GCH 250/1SF	160	125	100	80	60	12.5/3	0.36/0.09	2.7/3.0	-	1	22	0.32
GCH 250/1HF	100	80	60	50	40	20/5	0.36/0.09	2.7/3.0	-	1	22	0.32
GCH 250/2N	500	400	320	250	200	4	0.36	1.3	-	2	22.5	0.64
GCH 250/2NF	500	400	320	250	200	4/1	0.36/0.09	2.7/3.0	-	2	23	0.64
GCH 250/2SF	320	250	200	160	125	6.25/1.5	0.36/0.09	2.7/3.0	-	2	23	0.64
GCH 500/1N	500	400	320	250	200	8	0.72	2.1	-	1	20	0.52
GCH 500/1NF	500	400	320	250	200	8/2	0.72/0.18	2.9/3.0	-	1	22.5	0.52
GCH 500/1SF	320	250	200	160	125	12.5/3	0.72/0.18	2.9/3.0	-	1	22.5	0.52
GCH 500/1HF	200	160	125	100	80	20/5	0.72/0.18	2.9/3.0	-	1	22.5	0.52
GCH 500/2N	1000	800	630	500	400	4	0.72	2.1	-	2	22.5	1.04
GCH 500/2NF	1000	800	630	500	400	4/1	0.81/0.18	2.9/3.0	-	2	25	1.04
GCH 500/2SF	630	500	400	320	250	6.25/1.5	0.81/0.18	2.9/3.0	-	2	25	1.04
GCH 1000/1N	1000	800	630	500	400	8	1.45	3.7	-	1	45	1.04
GCH 1000/1NF	1000	800	630	500	400	8/2	1.45/0.36	4.0/2.8	-	1	46	1.04
GCH 1000/1SF	500	400	320	250	200	16/4	1.45/0.36	5.8/2.6	-	1	48	1.04
GCH 1000/2N	2000	1600	1250	1000	800	4	1.45	3.7	-	2	50	2.08
GCH 1000/2NF	2000	1600	1250	1000	800	4/1	1.45/0.36	4.0/2.8	-	2	51	2.08
GCH 1000/2SF	1000	800	630	500	400	8/2	1.45/0.36	5.8/2.6	-	2	53	2.08
GCH 1600/1N	1600	1250	1000	800	630	8	2.44	6.0	-	1	63	1.75
GCH 1600/1NF	1600	1250	1000	800	630	8/2	2.44/0.61	6.6/4.2	-	1	65	1.75
GCH 1600/1SF	1000	800	630	500	400	12.5/3	2.39/0.58	6.6/4.2	-	1	65	1.75
GCH 1600/2N	3200	2500	2000	1600	1250	4	2.44	6.0	-	2	73	3.5
GCH 1600/2NF	3200	2500	2000	1600	1250	4/1	2.44/0.61	6.6/4.2	-	2	75	3.5
GCH 1600/2SF	2000	1600	1250	1000	800	6.25/1.5	2.39/0.58	6.6/4.2	-	2	75	3.5
GCH 2000/1N	2000	1600	1250	1000	800	8	3.05	7.3	-	1	65	2.25
GCH 2000/1NF	2000	1600	1250	1000	800	8/2	3.05/0.77	8.0/4.5	-	1	67	2.25
GCH 2000/1SF	1250	1000	800	630	500	12.5/3	2.98/0.72	8.0/4.5	-	1	67	2.25
GCH 2000/2N	4000	3200	2500	2000	1600	4	3.05	7.3	-	2	76	4.5
GCH 2000/2NF	4000	3200	2500	2000	1600	4/1	3.05/0.77	8.0/4.5	-	2	78	4.5
GCH 2000/2SF	2500	2000	1600	1250	1000	6.25/1.5	2.98/0.72	8.0/4.5	-	2	78	4.5
GCH 2500/1N	2500	2000	1600	1250	1000	6.4	3.05	7.7	-	1	65	2.25
GCH 2500/1NF	2500	2000	1600	1250	1000	6.4/1.6	3.05/0.77	8.2/4.4	-	1	67	2.25
GCH 2500/1SF	1600	1250	1000	800	630	10/2.5	3.05/0.77	8.2/4.4	-	1	67	2.25
GCH 2500/2N	5000	4000	3200	2500	2000	3.2	3.05	7.7	-	2	76	4.5
GCH 2500/2NF	5000	4000	3200	2500	2000	3.2/0.8	3.05/0.77	8.2/4.4	-	2	78	4.5
GCH 2500/2SF	3200	2500	2000	1600	1250	5/1.25	3.05/0.77	8.2/4.4	-	2	78	4.5

## Specification – GIS-GCH Electric Chain Hoist 110V or 220V single phase power supply

Types	Duty Classification/Capacity	Lifting speed (m/min)	Motor power (kW)	3 x 400V 50Hz (A)	1 x 230V 50Hz (A)	No. Of chain falls	Eye/hook suspension weight 3m lift (kg)	Weight per extra metre lift (kg)
	1Bm 150 s/h 25% duty (kg)							
GCH 250/1N 1Ph	160	8	0.23	-	8.9	1	19	0.32
GCH 250/2N 1Ph	320	4	0.23	-	8.9	2	22.5	0.64
GCH 500/1N 1Ph	250	8	0.36	-	8.9	1	20	0.52
GCH 500/2N 1Ph	500	4	0.36	-	8.9	2	22.5	1.04
GCH 500/1NL 1Ph	500	4	0.36	-	8.9	1	20	0.52
GCH 500/2NL 1Ph	1000	2	0.36	-	8.9	2	22.5	1.04
GCH 1000/1NL 1Ph	500	8	TBA	-	TBA	1	45	1.04
GCH 1000/2NL 1Ph	1000	4	TBA	-	TBA	2	50	2.08



# GIS GCH Electric Chain Hoist



Dimensions – GIS-GCH Electric Chain Hoist

Types	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	22	164	53	448	369
GCH 250/2	246	281	164	40	309	155	22	164	53	448	408
GCH 500/1	246	281	146	40	309	155	22	164	53	448	377
GCH 500/2	246	281	164	40	309	155	22	164	53	448	417
GCH 1000/1	321	367	190	52	367	180	32	214	69	615	482
GCH 1000/2	321	367	224	52	367	180	32	214	69	615	556
GCH 1600/1	345	424	221	75	389	180	37	230	135	696	608
GCH 1600/2	345	424	263	75	389	180	37	230	135	696	690
GCH 2000/1	345	424	221	75	389	180	37	230	135	696	608
GCH 2000/2	345	424	263	75	389	180	37	230	135	696	690
GCH 2500/1	345	424	221	75	389	180	37	230	135	696	608
GCH 2500/2	345	424	263	75	389	180	37	230	135	696	690