



Electric Chain Hoists

Power you can trust
Absolute control

GH CRANES &
COMPONENTS

**Designed to fit
Built to lead**

SAFETY AND COMFORT, BUILT FOR THE TOUGHEST CHALLENGES

The GP is simple in its structure and does not contain any sensitive electronics, which minimises the risk of operational interruptions. It is characterised by quiet running and is made for longevity whilst working hard. The ergonomic control switch with 42 V low voltage allows convenient and safe working. Maintenance is easy, quick and needs no special tools.



PROFILE STEEL CHAIN

The case hardened and manganese phosphated profile steel chain provides about 15 % more capacity at an identical nominal diameter when compared to the traditional round steel chain. The larger cross-sectional area reduces wear and increases the lifetime of the chain. The load hook with stable, guided hook latch and safety rubber buffer provides maximum safety.



POLYGONAL CONNECTION

The inner part of the modularly designed chain hoist embodies real innovation. All shaft-hub connections are built to a polygonal design. This allows significantly faster disassembly and assembly during maintenance and thus reduces service costs. The service cost can be considerably reduced due to time savings.



CONTROL SWITCH

The control switch fits comfortably in your hand and is ergonomically designed. It is robust, impact resistant, safe to operate and controlled by 42 V low voltage. Push buttons placed in parallel increase the ease of operation. The external strain relief protects the control cable.



PROTECTION CLASS IP65

A feature of the hoist and the control switch is the protection class IP65. It is dust proof and protected against water jets. As it is compact and robust designed, the GP is best suited for dusty environments as well as for outdoor operation.

TROLLEYS

Trolleys are a cornerstone of optimal hoist performance. GH trolleys, celebrated for their smooth maneuverability, easy installation, and long-lasting durability, effortlessly handle loads up to 6,300 kg on steel beams. In terms of safety, they come standard with a solid cast steel anti-fall system, as well as intervention protection, ensuring maximum safety at all times.



GHF 500 K / Up to 500 kg

Manual trolley for steel beams. Manual or electric chain hoist moved manually. Glass fibre reinforced plastic rollers. Optimum ease of movement. Very quiet running. Side plates made of die-cast aluminium with fall and climbing protection. Low weight of only 2.5 kg. Galvanised support bolts. Flange width 50 - 149 mm. Minimum bend radius 1200 mm.



GHF 1250 – 6300 / Up to 6300 kg

Manual trolley for steel beams. Manual or electric chain hoist moved manually. Load wheels made of cast iron, with ball bearings. Side plates made of cast iron with fall and climbing protection. GHF 1250/2500 with 1 support bolt. GHF 5000/6300 with 2 support bolts. Galvanised support bolts. Flange width infinitely variable. Option: parking brake for GHF 1250.



GMF 1250 – 6300 / Up to 6300 kg

Motorised trolley for steel beams. Long-lasting and low wearing. Speeds 12, 12/4 or 24/6 m/min. Side plates made of cast iron with fall and climbing protection. GMF 1250/2500 with 1 support bolt. GMF 4000/5000/6300 with 2 support bolts. GMF 5000/6300 with 2 motors. Galvanised support bolts. Flange width infinitely variable. Protection type IP54. Modular expandable counterweight. Control box with easily accessible connections.



GH CHAIN HOISTS

3 KEY REASONS

RELIABLE AND LONG-LASTING

3 year warranty

Chain safety factor: 8 (DIN EN 14492 A5, ISO M5)

Self-contained gearbox with permanent lubrication

High safety in operation

Low-wear DC-spring-loaded brake

No sensitive electronics used

Aluminium casing and cover

Dry-running slipping clutch

Area of application -15 °C to + 50 °C

TÜV certified

EASY TO OPERATE

Low dead weight from 14 kg

Compact housing with low headroom

Modular in design

Protection class IP65; suitable for outdoor use

Geared limit switches with high accuracy in positioning of the highest and lowest hook position

Ergonomic control switch with emergency stop

42 V low voltage control

Quiet running with 3-step drive and helical gearing

2 speeds as standard

Load hook rotated through 360°, with locking safety catch

No special tools for maintenance needed

Easy to maintain, wearing parts can be changed easily and quickly

SPECIALIZED SOLUTIONS

Three- or single -phase power

Worldwide operation and control voltages

Direct control, special control, radio remote control, frequency inverter

Special speeds

Special versions such as synchronised electric chain hoist, low headroom version, corrosion resistant version

Eyebolt or hook suspension

Operating travel up to 200 m

Hook path with upper and lower end position individually adjustable

Temperature monitoring

Operating data counter

Extended temperature range

APPLICATIONS

- Sewage treatment plants
- Agriculture / farming
- Automotive industry
- Construction industry
- Chemical and pharmaceutical
- Wire / cable / rubber processing
- Power supply / distribution
- Transportation and storage
- Glass processing industry
- Home technology / building automation
- Woodworking
- Municipal tasks
- Kitchen building
- Plastics industry
- Paints and coatings
- Air transport / aviation
- Machine industry
- Medical technology
- Measuring and control technology
- Metal / steel processing
- Furniture / furnishings
- Food industry
- Surface technology
- Public transport
- Paper / cardboard industry
- Transport and logistics
- Horology
- Entertainment industry
- Packaging
- Wind / hydroelectric power
- Oil industry
- Gas industry
- Shipyard / Shipbuilding

LIGHT SYSTEMS

GH's light systems' equipment consists of various structures designed to install electric chain hoists, enabling safe and efficient operation. These solutions facilitate the lifting and movement of loads, offering flexibility, easy installation, and adaptability to a wide range of work environments.



GANTRY CRANES



Lifting capacity
1 t - 6,3 t



Height
Up to 6 m



Span
Up to 10 m
Other capacities and spans
are available upon request



COLUMN JIB CRANES



Lifting capacity
0,25 t - 6,3 t



Height
Up to 8 m



Boom length
Up to 12m



WALL-MOUNTED JIB CRANES



Lifting capacity
0,15 t - 4 t



Boom length
Up to 8 m



LIGHTWEIGHT PROFIL



Lifting capacity
Up to 2 t



Span
Up to 10 m
Other capacities and spans
are available upon request

SPECIAL PRODUCTS

Depending on the complexity of the task and the conditions on site we offer special products. Whether for the synchronous operation of two load hooks, for a corrosion resistant or explosion-proof version or an electric chain hoist with control unit on the load hook - we offer a customer- and application-specific solution for each lifting requirement.

GPK

■ Up to 4000 kg



Low headroom version; the solution for especially low rooms. Obtaining room height using a sophisticated chain guide. Hook end positions adjustable by geared limit switch. Available with a lengthened frame for transporting large and bulky loads. 1 or 2 lifting speeds. Automatic oil dispenser available for maintenance of the load chain. Perfect to combine with KB crane system or travelling crane. Option: with trolleys. Option: with frequency inverter.

GPHT

■ Up to 250 kg



Handy telescope model for fast and accurate positioning of loads. Operation of electric chain hoist and simultaneous precise guidance of the load with one hand. Ideally suited for eccentric loads. Control unit with rocker switch for left- and right-handed operation. Hook end positions adjustable by geared limit switch. Perfect to combine with articulated slewing crane or KB suspended crane. Option: with frequency inverter. Option: customised devices for load handling. Option: with slack chain shutdown.

GP W

■ Up to 1000 kg



Electric chain hoist for wind turbines. Lifting speed up to 16 m/min. Lifting height up to 200 m. Temperature monitoring with shutdown function of the motor in case of overheating. Automatic switching from high to low lifting speed shortly before the stroke end by geared limit switch. External limit switches for hook end positions. Tempered special chain. Load hook with protective cover. Option: with manual or motorised trolley. Option: chain container.

GPS

■ Up to 2 x 2500 kg



Synchronised electric chain hoist for transportation of long and bulky loads. Precise parallel operation of both load paths. 2 electric chain hoists connected electrically and mechanically. With temperature monitoring. Hook end positions adjustable by geared limit switch. Distance between load hooks 0.7 - 5.0 m. Perfect to combine with KB suspended crane or travelling crane. Option: with trolleys. Option: with frequency inverter. Option: customised devices for load handling.

GP 1-PH

■ Up to 2000 kg



Electric chain hoist in 1-phase version. Workshop use in the absence of 3-phase power supply, rental use, outdoor use. Standard voltages: 1 x 115 V / 50 Hz. 1 x 230 V / 50 Hz. Speed 2, 4 or 8 m / min. High duty cycle (DIN EN 14492 A5, ISO M5) at maximum load capacity. Protection class IP65. Option: temperature monitoring. Option: special voltages: 1 x 115 V / 60 Hz. 1 x 230 V / 60 Hz. Option: 1-phase motorised trolleys.

GPHK

■ Up to 500 kg



Handy chain model for quick and easy positioning of loads. Control of electric chain hoist and guidance of the load with one hand. Control unit with rocker switch for left- and right-handed operation. Hook end positions adjustable by geared limit switch. Perfect to combine with KB slewing or suspended crane. Option: handy kit for retrofitting of standard electric chain hoist. Option: with frequency inverter. Option: customised devices for load handling.

GPR

■ Up to 1250 kg



Corrosion resistant electric chain hoist. For use in food, pharmaceutical or chemical industry, wastewater treatment plants, outdoor use. Housing cataphoresis coated. Stainless round steel chain. Suspension corrosion resistant. All parts in contact with the chain (equipping parts such as chain wheel, load hooks, screws) in corrosion resistant version. Protection class IP65. Special grease for food industry. Option: manual or motorised trolley in corrosion resistant version.

GPFU

■ Up to 6300 kg



Electric chain hoist with frequency inverter. For applications with high switching frequency and shift operation. Lifting speed up to 9.6 m/min. With soft start for precise and gentle positioning of the load. Transportation without overshooting and exact positioning of the load in combination with frequency-controlled motorised trolley. Speeds and ramps for lifting and travelling programmable adjusted to the application. Protection class IP65. Option: radio remote control. Option: load-dependent lifting speeds.

About **GH**

We are a comprehensive manufacturer of cutting edge lifting solutions, founded in Spain in 1958.

Our greatest assets are our more than **65 years** of expertise in multiple sectors, the more than **130,000 cranes** we have manufactured, the trust of our customers, **a philosophy based on proximity, and our pioneering**, tailor-made solutions.

Through our **11 production plants** (USA, Mexico, Brazil, Spain, Poland, Saudi Arabia, UAE, China and Thailand) and an extensive sales, service and technical support network, we are a global team of more than **1,000 people** present in over **70 countries** on 5 continents.



+130,000
Cranes sold



+70
Countries



+1,000
People