

·GH·  
MOTION

INDUSTRIAL SOLUTIONS



·GH·  
CRANES & COMPONENTS

# ·GH· MOTION

## Industrial Solutions

### MOBILITY AND LIFTING SOLUTIONS WITH MAXIMUM RELIABILITY

At GH, we look to help our clients stay as profitable as possible, by providing the best possible service and product for your operation. We provide machines designed with flexible, individualized solutions and designs, resulting in robust structures to increase productivity and maximize operational safety. We also offer maintenance plans according to the client's need, which helps to minimize production downtime - thanks to an international, yet local, customer service network, an extensive stock of replacement parts, and available client and remote monitoring.



#### PROXIMITY

To offer the best possible service, we think it's important to be close to our customers, so that we may understand the realities and needs of their business.



#### QUALITY

We are committed to providing high-quality, innovative technological solutions.



#### PERSONAL APPROACH

We are a team of individuals committed to offering our clients the very best quality and service.





Rubber tire gantries



Industrial jib cranes



# Industrial Solutions

## AN ESSENTIAL ALLY FOR YOUR BUSINESS

Our goal is to provide, efficient load handling to a wide range of sectors and open-air applications, with personalized solutions of the highest quality and level of reliability, while protecting the crane's value throughout the entire service life of the equipment.

Our mobility and lifting solutions are designed and manufactured to increase operational productivity, safety, and extend the service life of your machines.



## RUBBER TIRE GANTRIES



Designed and manufactured to guarantee increased production in a wide range of sectors.

### **HEAVY-DUTY, ROBUST, AND RELIABLE**

Adapted to production demand, as well as load lifting and handling process changes so that tasks are safe, easy, and profitable.

### **GUARANTEED SAFETY AND ERGONOMICS**

with remote control including weight indicator, solid blow out and puncture resistant tires, emergency stop button, and remote control reset button.

**ENERGY EFFICIENT** with diesel engines using LED lights and cutting-edge acceleration according to standards.



LIGHTWEIGHT MODELS				INTERMEDIATE MODELS			HEAVYWEIGHT MODELS			
GH10I	GH25I	GH35I	GH50I	GH65I	GH75I	GH85I	GH100I	GH150I*	GH200I*	GH250I*
10 t	25 t	35 t	50 t	65 t	75 t	85 t	100 t	150 t	200 t	250 t

\*Models available in U-Shaped format.

## TYPES OF ROTATION

The following are the four types of rotation offered by our industrial solutions.



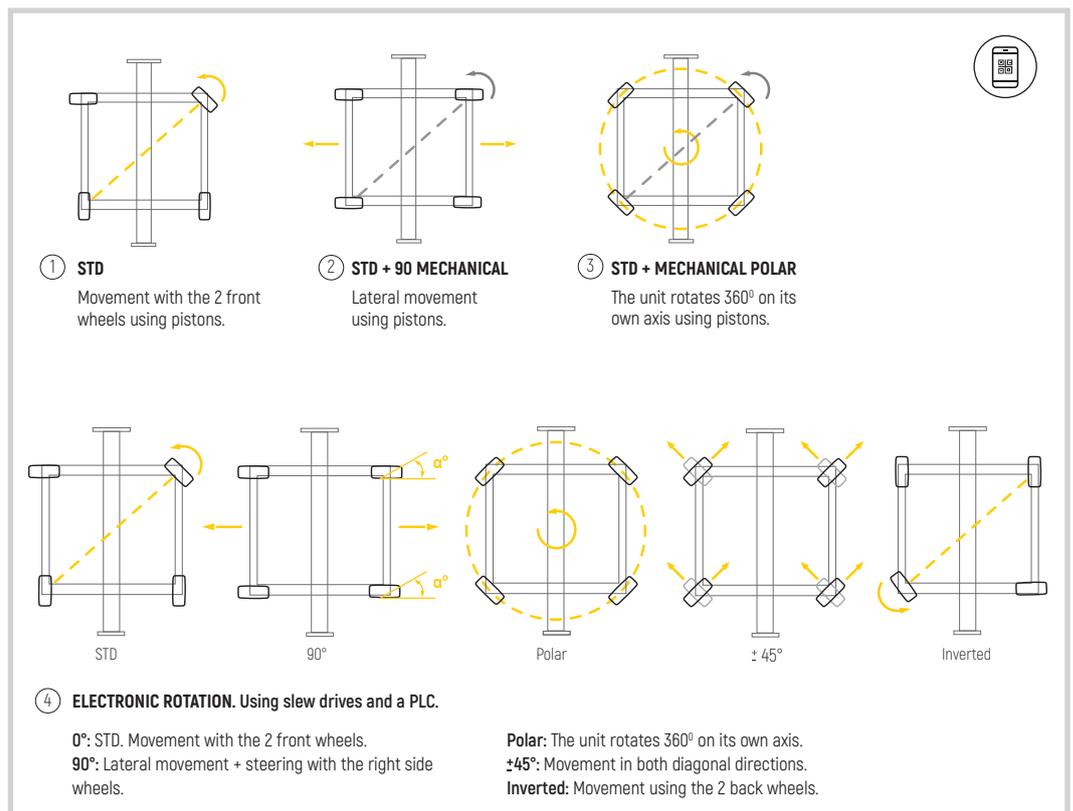
Download the app to get the full Augmented Reality experience. To activate it, please make sure your phone's camera points at the area within the grey rectangle.



Android



iOS



# SINGLE GIRDER

**AVAILABLE SPREADERS:**

- LONGITUDINAL SPREADER
- TRANSVERSAL SPREADER
- CLAMP



# DOUBLE GIRDER

**AVAILABLE SPREADERS:**

- EQUALIZING SPREADER FOR SEGMENTS (8 POINTS)
- MAGNET BED
- MULTI-HOOK
- TELESCOPIC
- MULTI-POSITION
- MULTIPLE CLAMP



# U-SHAPED

**AVAILABLE SPREADERS:**

- SLINGS
- LATERAL SPREADERS
- UPPER SPREADER



# INDUSTRIAL JIB CRANES

AN ESSENTIAL ALLY WHEN IT COMES TO MULTIPLYING YOUR PRODUCTION CAPACITIES, FACILITATING AND OPTIMIZING WORK IN SPECIFIC AREAS.

Designed to adapt to the specific lifting needs of each of our clients and their businesses.

## TAILOR MADE

Six models sized according to your load and range needs.

## PRODUCTIVITY AND PRECISION

- Infinite 360° electronic rotation
- Dual speed lifting and transfer for movements that are smooth and precise.
- Variable speed drive for all movements.

## RELIABLE DESIGN AND SOLID CONSTRUCTION

- Easy to handle with a single button
- Fast, direct access for effective maintenance.
- Safety and manageability with the load limiter.



## BASIC CAPABILITIES



LIFTING CAPACITY:  
**2,5 t - 25 t**



REACH:  
**UP TO 10 m**



HEIGHT:  
**UP TO 15 m**



ROTATION: **360°**

e·MOTION

## **FULL-ELECTRIC** **SERIES**

**No emissions. No leaks.**

GH presents a leap forward towards clean crane energy with its 32-ton capacity Gh351e industrial automotive gantry crane. A high performance ion-lithium battery pack with 10 years warranty secures a complete working day autonomy and its fast charger eases its recharge. GH works towards sustainability by incorporating an autonomous solar panel system that enhances the crane's performance by adding up to 20% of the daily required energy.

- / **Able to incorporate a variable height system that adjusts the gantry height to allow travel in and out of industrial warehouses.**
- / **Different versions available: Single Girder, Double Girder, and U-Shaped.**





# Innovation and the future

## **COMMITTED TO THE FUTURE**

Lines of research in environmental sustainability, transforming the machine into a smart device through monitoring, and applying the "industry 4.0" concept throughout, as well as using the most advanced communication technologies, all of which connect us to the future and solidify our commitment to an unquenchable thirst to add value to our clients' balance sheets.

Ad hoc developments.



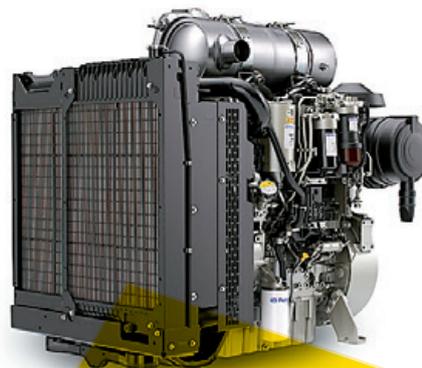
# 4.0



## **COMMITTED TO SUSTAINABILITY**

Our R&D strategy, and our clear focus on providing complete solutions, has led us to incorporate new elements into our products that promote environmental sustainability and adherence to energy efficiency standards, all without compromising our efficiency and the value we provide to all of our clients.

Recovering energy to be reused, and the new ways our products operate based on clean technologies, puts us on the cutting edge of our commitment to sustainability.



Emissions comply with each country's regulations.

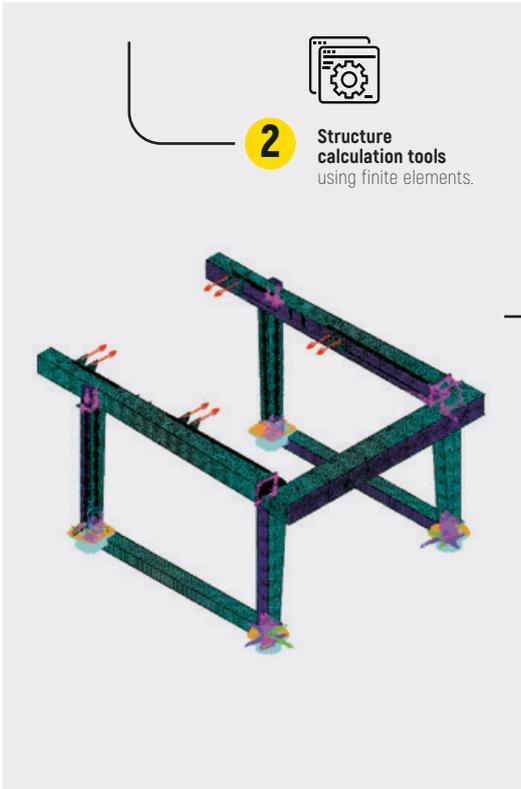


my**GH**motion

**1** Scaled representation of our clients' work options with our machines.



**2** Structure calculation tools using finite elements.



**3**



**Metrology lab:** for piece dimension control.

**Real-time monitoring** of manufacturing status.

**Lasertracker.** Crane dimension control.



**4**

Once we **commission the crane:**



With the **"Service Mobile" app** we manage preventative and corrective maintenance actions.



**Client Portal.** A platform providing up-to-date crane information that both GH and the client can access.



**Remote monitoring** of the crane's operating data in real time. Making preemptive and corrective maintenance more efficient.

## **COMMITTED TO** **EFFICIENT** **COMPREHENSIVE** **CLIENT MANAGEMENT**

From the moment the proposal is created, the client becomes a key collaborator throughout our process.

Through a real simulation program designed exclusively by GH MOTION, the client can have a clear understanding of their machine as installed in its real-life location, showing all of its handling capabilities, obstacles to avoid inefficiencies, and aspects that optimize all advantages at its installation site.

# GH Group

## HISTORY

GH CRANES & COMPONENTS is a family company with more than 65 years of experience on the market, making it a global leader in the lifting sector (hoists, bridge cranes, boat hoists, transfer carts), operating around the world with more than 1000 employees. GH's headquarters are located in Spain, with 10 industrial plants distributed around the world in strategic markets.

Alongside its main line of business, GH has developed a business around the cranes it produces to advise clients throughout the sales and assistance cycle.

**6** BUSINESS UNITS



**STANDARD SOLUTIONS**



**SPECIAL SOLUTIONS**



**COMPREHENSIVE MANUFACTURERS OF COMPONENTS AND MECHANISMS**



**GH MOTION MOBILE SYSTEMS**



**GLOBAL SERVICE**



**EX SOLUTIONS**  
ATEX  
IECEX

**130 000**

**CRANES SOLD**  
AROUND THE WORLD

**MORE THAN 65 YEARS ON THE LIFTING MARKET MEANS EXPERIENCE IS OUR KEY ASSET**



**344**  
MANUFACTURING

**345**  
TECHNICAL SUPPORT

**136**  
OTHERS



**78**  
ENGINEERING AND QUALITY

**101**  
SALES



**+1000** PEOPLE AROUND THE WORLD



**10**  
**MANUFACTURING**  
PLANTS IN  
STRATEGIC MARKETS



**DIRECT PRESENCE**  
WITH OUR OWN  
BRANCHES IN **15**  
**COUNTRIES**



COMMERCIAL  
PRESENCE IN MORE  
THAN **70** COUNTRIES  
WITH OUR LOCAL  
COLLABORATORS

AMONG  
THE  
**TOP 5**

CRANE  
MANUFACTURERS  
WORLDWIDE



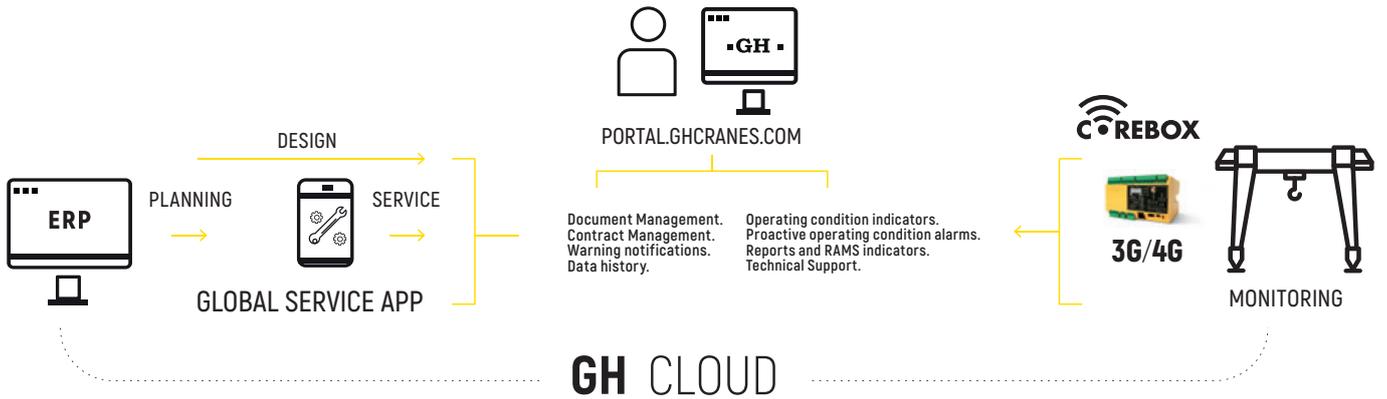
WE ARE **LEADERS**  
IN SPAIN AND  
PORTUGAL

# Local service

## SERVICE ANYWHERE IN THE WORLD

Our capability and organizational structure as integral manufacturers of our entire product puts us in a position of leadership. This status is complemented by the development of an extensive service network that can respond to all of our clients' needs.

In this sense, GH CRANES & COMPONENTS is backed by a large group of professionals that are prepared to address any contingency anywhere in the world.



## QUALIFIED PROFESSIONALS

An exceptional team of professionals with years of experience across a multitude of sectors is what makes our projects possible. Our service is the result of the commitment we have earned from our clients, for whom we will continue to minimize downtime by acting before problems arise with preemptive and preventative maintenance backed by the latest 4.0 technology.



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