



2 ——— GH CRANES & COMPONENTS GH | MOTION



Marine Solutions











ine jib anes

Dry docks

Boat

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.





GH CRANES & COMPONENTS **GH** | MOTION

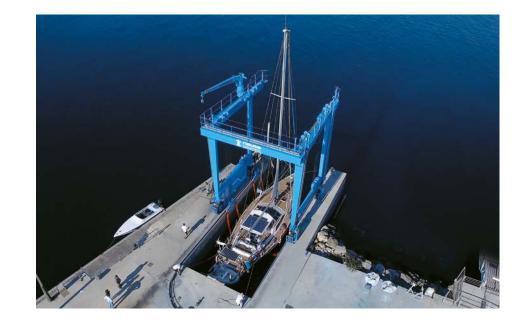
DELIVERING EFFICIENCY. WE UNDERSTAND YOUR BUSINESS.

We are focused on delivering efficiency for your dry dock/ shipyard operations. We design your individualized crane to do iust that.

Our range of lifting applications for the marine sector provide the safety and operability that today's marinas, dry docks, and shipyards need, while helping to get the most out of your equipment and infrastructure.

Marine Solutions

BOAT HOISTS





Our machines have all of the right components to provide the best possible service and maximized profitability for our clients.

FLEXIBLE, FAST, AND MANEUVERABLE

Designed to optimize handling and maneuvering to get the most out of your dry dock.

HEAVY-DUTY, ROBUST, AND RELIABLE

Maintaining the same productivity standards for years in harsh marine environment conditions.

Equipped with all safety components, solid tires, emergency stop buttons on all legs, and a remote control reset button. Capacity overload protection and 100% OSHA compliant

CUSTOMIZED

Ready for demanding marine environments: Custom dimensions, anti-corrosion paint, climate control components, adaptable slings, and optional amphibious gantry cranes.

OPTIONAL

- · JIB CRANES
- · GH. Cap: 2 t Arm: 16'5" · COMMERCIAL (inquire)
- · REMOTE CONTROL WITH WEIGHT DISPLAY
- · CAB
- · EXTRA HEIGHT
- · SPLIT SLINGS
- · BOAT COLLISION **PROTECTION**
- · REMOTE CONNECTION WITH A SPECIALIST
- · AMPHIBIOUS



RECOMMENDED BOAT Length (L) / Breadth (B) in ft & inch

LIGHT MODELS											
GH25 22t		GH35 32t		GH50 45t		GH70 64t		GH82 75t			
L	В	L	В	L	В	L	В	L	В		
52'6"	16'1"	59'1"	17'5	65'7"	19′N″	72'2"	20'0"	85'4"	22'8"		

INTERMEDIATE MODELS										
GH		GH165		GH		GH275				
10	0t	150t		200t		250t				
L	В	L	В	L	В	L	В			
98'5"	24'3"	121'5"	25'11"	131'3"	27'11"	157'6"	27'11"			

HEAVY MODELS										
GH3 300		GH4 40		GH5 45		GH550 500t				
L	В	L	В	L	В	L	В			
170'7"	71'6"	106'10"	72′1∩″	210'0"	7//5	227'1"	76'1"			

TYPES OF ROTATION

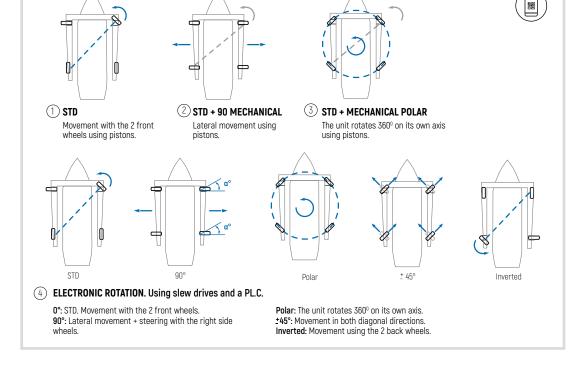
The following are the four steering modes offered by our marine solutions.



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.







GH | MOTION **GH** CRANES & COMPONENTS



MARINE JIB CRANES

THE PERFECT SOLUTION FOR LIFTING LIGHT LOADS EASILY, SAFELY, AND PROFITABLY.

PERSONALIZED AND FAST INSTALLATION Two types:

1) Standard; and 2) Sailboat (specific for hoisting sailboats).

FLEXIBILITY AND TOP PERFORMANCE with 360° electronic rotation and variable speed drive for all movements.

ROBUST AND EXTREME DURABILITY with components and treatments specifically designed for marine environments: anti-corrosion protection, electric hoist with special galvanized wire rope for maximum service life.

BASIC CAPABILITIES



LIFTING CAPACITY:

2.5 t - 25 t





RANGE:

HEIGHT: UP TO 32'10" UP TO 32'10"



ROTATION: **360**°



BOAT TRANSPORTER

A BOAT TRANSPORTER IS A HYDRAULIC MACHINE THAT IS USED TO MOVE BOATS WITHIN A MARINA/PORT.



This system makes it easy to move drydocked boats for marina storage maneuvers as well as inspections and maintenance.

BASIC CAPABILITIES



LIFTING CAPACITY:

10 t - 100 t



ROTATION: 4 ROTATION MODES









THE SIMPLEST SOLUTION TO INCREASE YOUR DRY DOCK'S CAPACITY AND IMPROVE SERVICE.

All of our designs are adapted to each client's specific needs. Just let us know if you prefer fully automated, semi-automated, or manual.

 $\textbf{Taking advantage of dry dock space}, \ \textbf{while adapting to your clients' needs}.$ Dry dock construction support for each user to help find the most suitable

Easy boat delivery that provides the vessel in a matter of minutes. Storing boats out of water for better preservation and security.

BASIC CAPABILITIES



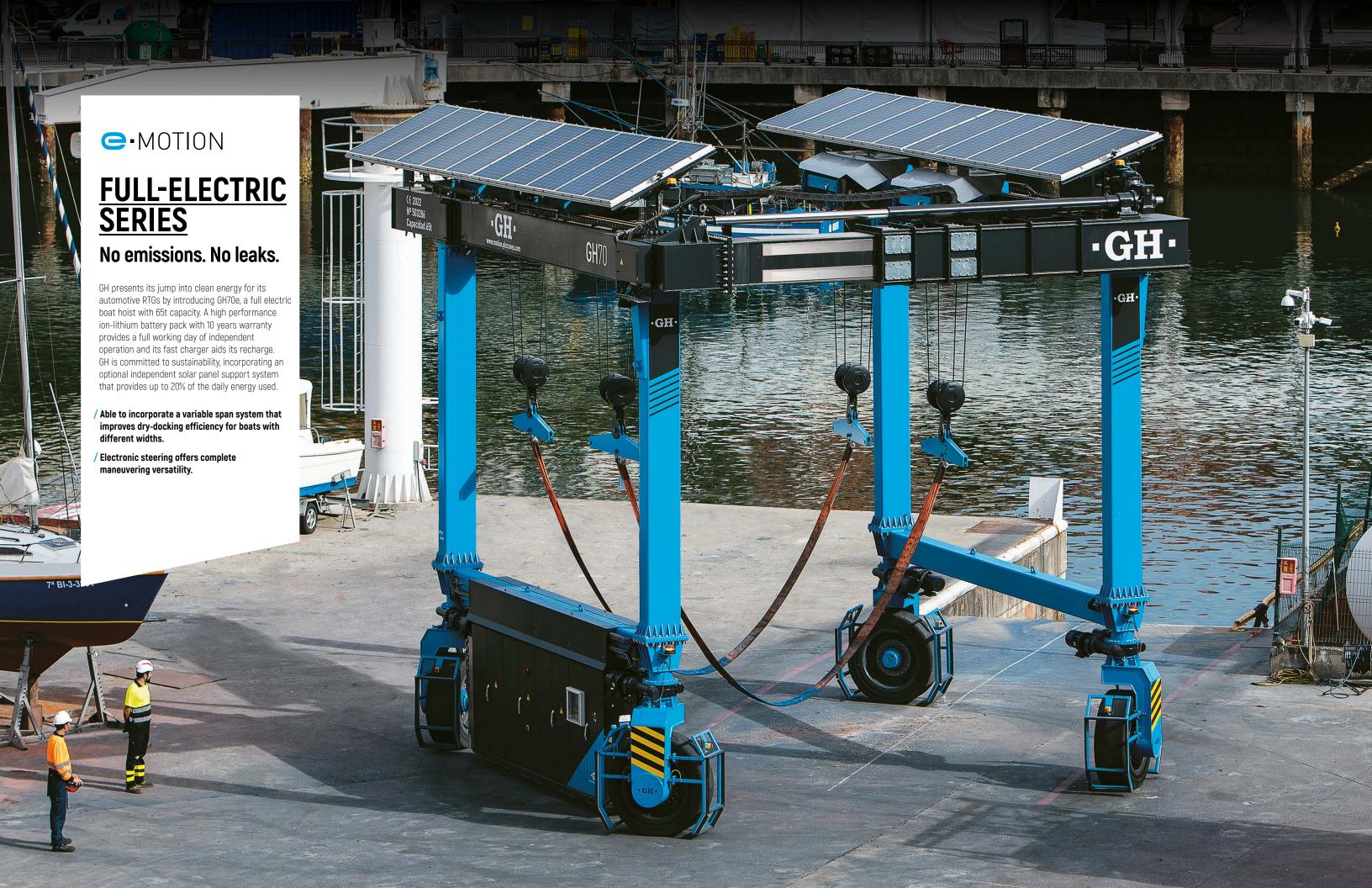
LIFTING CAPACITY: 2.5 t - 12 t



LENGTH: **UP TO 49'3"**



HEIGHT: **UP TO 6 LEVELS** [82'0"]



10 — GH CRANES & COMPONENTS GH | MOTION

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.







COMMITTED TO SUSTAINABILITY

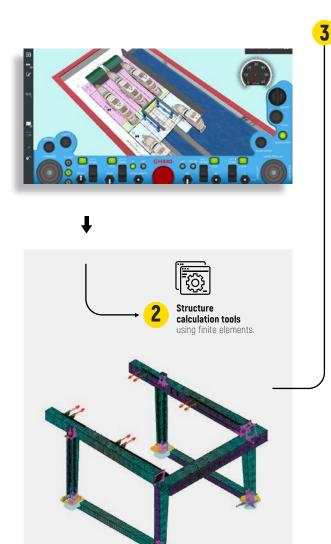
Our R&D strategy, and our clear focus on providing complete solutions, has led us to incorporate new elements into our products that promote environmental sustainability and adherence to energy efficiency standards, all without compromising our efficiency and the value we provide to all of our clients.

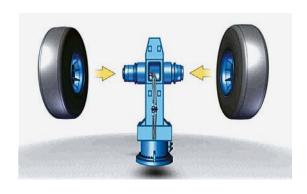
Recovering energy to be reused, and the new ways our products operate based on clean technologies, puts us on the cutting edge of our commitment to sustainability.











Metrology lab:

for piece dimension control.

Real-time monitoring

of manufacturing status.

Lasertracker.

東

Crane dimension control.

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

strategic markets.

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

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.

MORE THAN THE LIFTING MARKET MEANS EXPERIENCE IS OUR KEY ASSET.





COMPREHENSIVE

MANUFACTURERS

OF COMPONENTS

AND MECHANISMS



STANDARD

SOLUTIONS



SPECIAL

SOLUTIONS





GLORAL

SERVICE



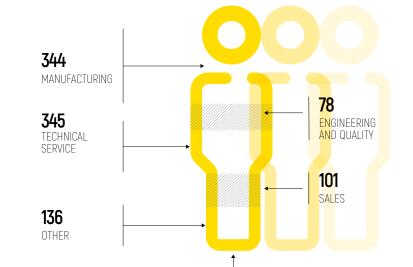
EX SOLUTIONS ATEX IECEx

GH MOTION

MOBILE

SYSTEMS

CRANES SOLD AROUND THE WORLD







10 MANUFACTURING MARKETS



DIRECT PRESENCE WITH OUR OWN BRANCHES IN 15 COUNTRIES



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







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.







Document Management.
Contract Management.
Warning notifications.
Data history.

Derating condition indicators.
Proactive operating condition alarms.
Reports and RAMS indicators.
Technical Sunnord



GH CLOUD

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.





SPAIN GH CRANES & COMPONENTS

CENTRAL OFFICE

Apdo. 27 - B Salbatore 20200 Beasain (Gipuzkoa) Spain T +34 943 805 660 F +34 943 888 721 E-mail: ghcranes@ghcranes.com www.ghcranes.com

GH GLOBAL SERVICE

Polígono Basozabal, 2 20212 Olaberria (Gipuzkoa) Spain T +34 902 205 100 globalservice@ghcranes.com

MECANIZADOS ALSASUA, S.L. MACHINING CENTRE

Polígono Ibarría, 37 31800 Altsasu (Navarra) Spain T +34 948 467 625

GH GUERRA MANUTENCIÓN GUEMA, S.A. CRANE MANUFACTURE

Aiztiko Ind., 3 31810 Bakaiku (Navarra) Spain **T** +34 948 562 611

BRAZIL GH DO BRASIL IND. E COM. LTDA.

Acesso pela Rod. Dom Gabriel P.B. Couto, Km 81 13313-000 Cabreuva, Brazil T +55 1144090066 vendas@ghcranes.com.br

COLOMBIA GH COLOMBIA SAS

Carrera 48 No 91-93 Castellana Bogotá, Colombia T +57 (1) 7504427 ventasghcolombia@ghcranes.com

FRANCE GH FRANCE, SA

ZI Le Pan Loup Rue du Moulin de la Rousselière 44800 Saint-Herblain, France T +33(0) 240 861 212 ghfrance@ghcranes.com

INDIA GH CRANES INDIA PVT. LTD.

A-3, Saket District Centre,
District Centre, Sector 6,
Pushp Vihar, New Delhi, Delhi,
110017, India
T +91 7030 70 5000
ghindia@ghcranes.com

MEXICO GRÚAS GH MEXICO SA DE CV

Retorno 1, nº 28. Fraccionamiento Agroindustrial La Cruz El Marqués 76240 Queretaro, México T +52 44 22 77 55 03

+52 44 22 77 50 74 ghmexico@ghsa.com.mx

PERU GH PERÚ S.A.C

Calle Bolognesi, 125 Of. 19, Miraflores 15074 Lima, Perú T +51 1 734 32 99 +51 987816231 ventasqhperu@qhcranes.com

POLAND GH CRANES SP. Z O.O

UI. Górnicza 2b 42-100 Kłobuck, Poland T +48 34 359 73 17 office@ghsa.pl

PORTUGAL GH PORTUGAL

Zona industrial do Soeiro, Lote 9 4745-399 São Mamede do Coronado - Trofa, Portugal T +351 229 821 688 geral@ghcranes.com

SHANGHAI GH (SHANGHAI) LIFTING EQUIPMENT CO., LTD.

Floor 7, No. 966, Huaxu Road 201702 Qingpu District (Shanghai) T +86 21 5988 7676 ghcranes@ghcranes.com.cn

THAILAND LGH CRANES CO., LTD

137/4 Moo 8, Nongsak-Noenmok Road, Nong I-run, Ban Bueng 20220 Chonburi, Thailand T +66 (0)-2327 9399 F +66 (0)-2327-9371 ghthailand@ghcranes.com

UNITED ARAB EMIRATES GH CRANES ARABIA FZCO

Office no. 517, 5th Floor, Jafza Building 16, Jebal Ali Free Zone. P.O Box Number - 263594, U.A.E. T +971 4 8810773 gharabia@ghcranes.com

USA GH CRANES & COMPONENTS USA

MANUFACTURING & SERVICE 14891 Hwy 205,

Terrell, TX 75160

COMPONENTS

9134 Gulfstream Rd, Frankfort, IL 60423

T +1 972 563 8333 ghcranesusa@ghcranes.com