YESTERDAY, WE THOUGHT ABOUT HOW TO MAKE BETTER LIFTING PRODUCTS.
TODAY, WE DEVELOP CRANES THAT THINK.
WE HAVE GONE FROM PRODUCING MACHINES TO CREATING SMART CRANES.
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BEING GH

WE ARE MORE THAN A CRANE COMPANY.

WE LIVE AND FEEL GH.
BEING GH

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WE LIVE AND FEEL GH.
In the middle of the last century, driven by the needs of a society that was recovering from its own contradictions, four brothers set up a family business to meet their survival needs and with the healthy ambition to build a project, with people at the centre of everything they did. 60 years and 115,000 cranes later, we are still the same.

Our company stands firm by the guiding principles of its founders, based on integrity, work well done and the desire to pass on value to our customers.

Now GH is a leading company in the field of lifting, with innovative products and customers who are leaders in five continents, and still continuously evolving to adapt to the new demands and technologies that make us more global, accessible and competitive.
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OUR OWN HOISTS

60 YEARS

WE ARE LEADERS IN THE MANUFACTURE OF HOISTS THAT MEET THE NEEDS OF THE MOST DEMANDING CUSTOMERS

Our evolution has meant flexibility and continuously adapting to new technologies, with a constant desire for improvement through innovation.

WE DEVELOP A REMOTE SERVICE SYSTEM FOR ALL OUR CRANES: COREBOX

WE BEGIN
60 YEARS AGO AND OUR AMBITION IS TO CONTINUE FOR ANOTHER 60 YEARS

1960
Motor inside the drum with independent gearbox for reduced speed through clutch.

1980
NF Double Girder hoist with external motor.

1990
Coaxial hoist with direct drive.

2000
Generation of single girder hoists with low headroom.

2005
New "C-shaped" design to optimise rating.

2012
Incorporation of standard drives in the entire range.

2020

MAINTENANCE SERVICE AND CONTINUOUS AND PERSONALISED CONTACT WITH THE CUSTOMER

Warn about incorrect use
Advising about possible failures
Analysis of productivity and efficacy data
Our evolution has meant flexibility and continuously adapting to new technologies, with a constant desire for improvement through innovation.

WE DEVELOP A REMOTE SERVICE SYSTEM FOR ALL OUR CRANES: COREBOX

WE ARE LEADERS IN THE MANUFACTURE OF HOISTS THAT MEET THE NEEDS OF THE MOST DEMANDING CUSTOMERS

Our own hoists

We began 60 years ago and our ambition is to continue for another 60 years.

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Coaxial hoist with direct drive.

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Generation of single girder hoists with low headroom.

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New "C-shaped" design to optimise rating.

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2012
Warn about incorrect use

2020
Analysis of productivity and efficacy data

Maintenance service and continuous and personalised contact with the customer
Selecting GH is not just picking one of the options. Our experience and our values make us different because leadership for us has always been a question of providing and offering a solution that goes beyond simply delivering a product to a customer. We are proud to grow together with companies that, like ours, have the desire to define their own boundaries, with committed people, and with products that are necessary for other companies to achieve their dreams.

Our commitment raised to the power of five is the basis of our day-to-day work.

COMMITMENT RAISED TO THE POWER OF FIVE: Leadership, workmanship, innovation, service and integrity.
Leadership

Workmanship

Innovation

Service

Integrity

Commitment Raised to the Power of Five

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Commitment Raised to the Power of Five: Leadership, workmanship, innovation, service and integrity.
For **six decades**, we have grown in terms of number of workers, regional offices and countries in which we have a presence. We have calculated, formulated and recalculated **millions of loads, weights, manoeuvres and temperatures. This is our passion.** But when we look up from our drawings, we see that the work we do helps make everyone’s life easier. Because during this time, our machines have been present at works as important as those of the **London Underground**, the oldest in the world, which every day transports more than **3 million** people.

We have also participated in the **construction of the Panama Canal**, through which **5% of world trade passes.** There are **GH cranes** in the most important automotive plants, shipyards and tunnel boring works of the **5 continents**. We work in practically all sectors.

And we believe there is no greater satisfaction than knowing that your work and effort reaches millions of people.

**GH. Lifting your world.**
The inherited spirit of hard work and the will to overcome have led us to become a worldwide crane manufacturer.

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GH. Lifting your world.
We are a team of 800 people around the world.

We are a business group with presence in the five continents. With qualified people from diverse backgrounds. And with a profile that clearly identifies us: comprehensive manufacturers of all our products and components, and with control of all the processes involved in both the manufacture and the service.

115,000+
CRANES SOLD WORLDWIDE

10 MANUFACTURING PLANTS IN THE STRATEGIC MARKETS ESTRATÉGICOS
DIRECT PRESENCE WITH OUR OWN COMMERCIAL SUBSIDIARY IN 15 COUNTRIES
COMMERCIAL PRESENCE IN MORE THAN 70 COUNTRIES WITH OUR LOCAL COLLABORATORS

IN THE TOP 5 CATEGORY
OF CRANE MANUFACTURERS WORLDWIDE
WE ARE MARKET LEADERS IN PORTUGAL AND SPAIN
WE CAN PROVIDE SOLUTIONS IN ANY PART OF THE WORLD
WE ARE A TEAM OF 800 PEOPLE AROUND THE WORLD

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WE CAN PROVIDE SOLUTIONS IN ANY PART OF THE WORLD

552 EUROPE + AFRICA + MIDDLE EAST

208 AMERICA

40 ASIA

800 PEOPLE WORLDWIDE

319 MANUFACTURING

233 TECHNICAL SUPPORT

76 OTHERS

102 SALES

70 ENGINEERING AND QUALITY
IN EVER MORE LOCATIONS, GETTING CLOSER TO OUR CUSTOMERS

We have different production and service centres to serve our customers around the world. We also have a commercial presence in more than 70 countries on 5 continents.
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PRODUCTION CENTRES AND REGIONAL BRANCHES AROUND THE WORLD
EMPOWERING

WE ARE SELF-SUFFICIENT MANUFACTURERS. HOW DO WE DO IT?

BY EXERCISING CONTROL OVER THE WHOLE PROCESS.

GH.
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GH.
GH INVESTS IN ITS
OWN CAPABILITIES:
ENGINEERING, PRODUCTION
AND SERVICE

Controlling all the production processes and capacities allows us to have an independent position in the sector as a whole.

The continuous investment in engineering and design, in the production processes, in the after sales and support service, and in the technology applied to all the products, is a constant attitude focused on the market.

THE CONTROL OF OUR PROCESSES ALLOWS US TO PROVIDE COMPREHENSIVE SUPPORT FOR OUR PRODUCTS
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With our own technology
—
Safety
—
Robustness
—
Reliability
—
Adaptation to the customer
—

The GH hoists are made using the most modern design technologies. Their manufacture is carried out with the most sophisticated means of production and the appropriate organisation.

GH wire rope hoists for bridge cranes, gantry and semi-gantry cranes, single and double girder, and other types of application. With capacities from 800 kg to 120 t in foot mounted and single and double girder versions. Robust and compact, modular construction and easy maintenance, with different wire rope falls, allows a wide range of hook paths, lifting speeds and FEM / ISO work groups depending on the requirements in terms of starts per hour and duty cycles for the loads to be lifted.

The GH hoists incorporate the control system and monitoring of the Safe Operation Period as standard. The range of GH hoists has been designed based on the principles of reliability, safety, durability, competitive price, easy maintenance and, of course, availability.

WITH CAPACITIES FROM 800 KG TO 120 T

CRANE COMPONENTS

—

HOISTS
STANDARDISATION OF VARIABLE SPEED DRIVE
CABINETS WITH COREBOX, DATALOGGER AND CONNECTIVITY
CRANE COMPONENTS

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With our own technology

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- Robustness
- Reliability
- Adaptation to the customer

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HOISTS

STANDARDISATION OF VARIABLE SPEED DRIVE

CABINETS WITH COREBOX, DATALOGGER AND CONNECTIVITY
HOISTS

From 800 kg up to 120 t

1. GHA12 HOIST
   - Low headroom

2. GHB11 SINGLE GIRDER HOIST
   - Foot mounted

3. GHD13 HOIST
   - Tubular double girder

4. GHD13 HOIST
   - Normal headroom
   - for curves

5. GHD13 HOIST
   - Double girder on end carriages

6. CABLE WITH REGENERATIVE MODULE
   for GHB11 hoist

CRANE COMPONENTS
From 800 kg up to 120 t
The Crane Kits, with both standardised and special components, allow the easy construction of top running or underslung EOT cranes, as well as Gantry and Semi-Gantry cranes. They allow cranes to be manufactured with just the beams being available. They are supplied with the project design and all the crane components and accessories, including the electrical equipment.
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They allow cranes to be manufactured with just the beams being available. They are supplied with the project design and all the crane components and accessories, including the electrical equipment.
Gears made of rectified cemented material. This lengthens the life of the gearbox, manufactured according to ISO 6336. Reduces vibrations and noise of the gearbox.

Protection of travel gear in suspended low headroom: avoids handling and possible entrapment. Prevents the dripping of grease.

Four-gauge pin type load cell: for load limiter, which makes it possible to know the load spectrum and determine the SWP.

Steel wire rope, with coated steel core and safety factor greater than 5 in all configurations.

Quick connectors which facilitate maintenance and save assembly time.

Cabinets with COREBOX, datalogger and connectivity.

Top of the range commercial electrical components: Schneider, Weidmüller, etc.

Standardisation of variable speed drive for all movements.

Increased safety: by placing the encoder in lifting that favours the return of the command information from the drive to the motor. Robust and high-resolution design encoder.

High-capacity braking resistance, overload capacity, oversized, high dielectric strength.

Overspeed for small loads: Allows the hoist to go faster if the load is below 25%. With the maximum load it can go at nominal speed. From 25% to 60% maximum overspeed.

Possibility of fitting regenerative drive and the elimination of braking resistors. Energy savings.
CHARACTERISTICS OF THE STATE-OF-THE-ART HOIST

1

- **Design:** robust, compact and clean with a modern and technological profile.
- **No counterweights:** lighter and with the most economical structure.
- **Modular design:** changing just a few of the parts allows the hoist configuration to be transformed.
- **Bolted structure:** the maintenance is simpler and avoids the deformation of the welded frame, achieving greater versatility.
- **Exterior fairing GHA12, GHB11 and GHD13,** with a common plate for the entire range of each generation.
- **Compact tubular double girder concept:** more competitive solution than the typical trolley with end carriage on the market. Exclusive to GH.

2

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LATEST DEVELOPMENTS

STANDARD GH HOIST WITH REGENERATIVE DRIVE

The incorporation of regenerative modules enables us to provide great advantages for our customers in large machines.

- ENERGY SAVINGS
- ENVIRONMENTAL SUSTAINABILITY
- CUSTOMER COST SAVINGS

The GH hoists and cranes have drive control by means of frequency inverters as standard.

- GH B11

Core + Stability

Keeps the load stable at higher speeds. It therefore provides greater precision, which results in increased productivity and safety.

1/ Inputs from frequency converters.
2/ Exclusive algorithm included.
3/ Instructions for movements.
4/ Return to point 1.

Incotandem

For cranes with one or two trolleys that must be synchronised and that work in tandem mode through radio transmission systems.

The advantages are:
1. saving in equipment,
2. greater ease of installation
3. reduced number of frequencies occupied.

- Connectivity via 3G or USB.
- User access via the cloud to monitor the status of the crane.
- Reduces load sway without additional sensors.
- Allows monitoring of the status of alarms and consumption.
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INCOTANDEM

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The advantages are: 1. saving in equipment, 2. greater ease of installation and 3. reduced number of frequencies occupied.

- Level 1 Interlocking of bridge movement.
- Level 2 Interlocking of trolley movement.
- Level 3 Interlocking of lifting movement.
TWIN HOIST

Our new solution is based on the work of two synchronised hoists that, in addition to lifting the load with the standard design, incorporate a series of advantages such as safety, competitiveness and profitability.

It includes standard commercial components, high wire rope safety to prevent load slipping and speed increased by up to 50% in loads less than ¼ of the rated load.

SYNCHRONISED LIFTING OF 200 T WITH CORE+

SECONDARY CENTRIFUGAL LIFTING BRAKE

Autonomous operation system by means of a mechanical device that takes advantage of the centrifugal force generated when the load is falling.

The centrifugal brake is mechanically coupled to the drum of the hoist by means of a crown and pinion system.

THIS SYSTEM PROVIDES GREATER SAFETY AND MINIMAL MAINTENANCE
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SYNCHRONISED LIFTING OF 200 T WITH CORE+

[Diagram of Twin Hoist System]
BRIDGE CRANES

These have a robust construction and a high level of standardisation. Very modular and adaptable to any need, with very reliable components and available for a wide range of applications.

The structure is a box beam or commercial section, optimised by computer-aided calculation processes. Our designs offer the best technical-mechanical option with the best value for money.

The optimised combination of the crane structures with the mechanical equipment for lifting, cross travelling and long travelling, allow the best hook approaches for optimising space and the best use of spaces.

The construction of the structural welded components, with automated and robotic systems, always guarantees the correct repetition of the welding processes and a high quality product.

The mechanisms used in our industrial bridge cranes are an indivisible part of the cranes, taking in the entire range from chain hoists of 500 kg to wire rope hoists of 200 t and open winches up to 400 t.
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GH is a European leader in the design and manufacture of gantry cranes with a large number and variety of applications. Due to the number of gantry cranes installed, GH is a leader for this type of machinery.

GH adapts the manufacture of its gantry cranes to the needs and circumstances of each customer, always taking into account the type of work to be carried out and load to be handled.

The experience acquired since 1958 backs us up as specialists in gantry and semi-gantry cranes.

**GANTRIES AND SEMI-GANTRIES**

Up to 400 t.

**PROCESS CRANES**

**OPEN WINCH**

We design special solutions for non-standard lifting mechanisms based on applications or work environments.

**MAIN CHARACTERISTICS ARE:**

Higher lifting capacities and/or higher lifting speeds and/or higher FEM groups.

The use of commercial motors allows adaptation to customers’ standards. 1 motor, instead of applications with a hoist that need 2 motors for the same lifting capacity and therefore double the probability of equipment failure. Possibility of working with motors of 1,300 and 1,000 rpm. Greater sizing of the motor.

Motor-gearbox and gearbox-drum connections use intermediate flexible couplings.

True vertical lift without side displacement of the hook during the lifting operation.

Greater accessibility for maintenance of the different components.

The brake is completely external, improving its accessibility and adjustment.

The gearbox has a top opening lid facilitating access, maintenance and inspection.

Anti-overlapping and slack wire rope detector. The anti-ovelapping system is formed by a support and a mechanism with springs fastened with screws, to prevent the cable from leaving the slots of the drum.
EMPOWERING GH — PRODUCTS

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THERE ARE TWO MAIN TYPES OF TRANSFER CARTS, WITH DIFFERENCES IN THE TYPE OF MOVEMENT:

**Steerable transfer carts:**
These can move freely. Available in battery-powered version.

**Transfer carts on rails:**
These move only in a straight line. Available in battery or power supply versions, by means of a cable reel or power supply line.

**MOTORISED TROLLEYS**
From 10 t up to 200 t.

The GH transfer carts allow the movement of loads at ground level in all types of industries and applications.
They are robust, have a modular construction and are available in a wide range of products and adaptable to any need.
They are equipped with all the necessary safety features for the movement of machines at ground level.
They are an important complement to the cranes for the movement of heavy loads at ground level, being an ideal solution for the transfer of loads between adjacent buildings.

**AUTOMOTIVE GANTRIES**
Up to 600 t.

The GH automotive gantry cranes on rubber tyres allow the autonomous movement of loads in all types of industries and applications.
At GH we have a wide variety of automotive gantry cranes, handling loads ranging from 20 to 600 t, offering efficiency in outdoor yard movements for nautical and industrial sectors. All of them are characterised by their great robustness, simplicity of use, easy maintenance and manoeuvrability, and they are particularly useful for sectors involving prefabricated components and external logistics warehouses (wind power, precast concrete, heavy sheet metal working, container cranes, etc.).
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JIB CRANES

From 500 kg up to 20 t.

WALL JIB CRANE
For the handling of lightweight parts during production processes.

COLUMN JIB CRANE
For the handling of light and medium weight parts during production processes where independent manufacturing stations are required with respect to the main cranes in a factory building.

INDUSTRIAL JIB CRANE
For the handling of heavy loads during production processes and industrial activities where independent manufacturing stations are required with respect to the main cranes in a factory building.

PORT JIB CRANE
Also known as Marine Jib Cranes, they are specially designed for lifting heavy loads in port environments.

An ideal solution for the movement of loads in a circular area near the manufacturing station.

With chain and wire rope hoist options, in low headroom or suspended type.

Great precision of movement with manual or motorised versions.

The industrial jib cranes, from 500 kg up to 20 t, allow cantilevers suitable for each type of application.

Dry docks

Up to 4 t.

AUTOMATED SERVICE
Industry developments allow us to design cutting-edge solutions, offering automated dry dock services to facilitate boat docking, storage and delivery to expand a boatyard’s service to reach its full potential.

STREAMLINED DELIVERY OF BOATS
Our dry docks are designed to provide customers with the best service, so that they can have their boats ready in just a few minutes through automatic or semi-automatic operations.

PRESTATION OF BOATS ON DRY DOCK
Boats are not in contact with the water, improving preservation and safety.

OPTIMISING SPACE USAGE AT A BOATYARD
We design and manufacture rail-mounted gantry cranes for dry docks that are adapted to each customer's specific space and needs, optimising use of the space and expanding docking capacity to get the most out of the boatyard.

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PORT JIB CRANE
Also known as Marine Jib Cranes, they are specially designed for lifting heavy loads in port environments.

An ideal solution for the movement of loads in a circular area near the manufacturing station.

With chain and wire rope hoist options, in low headroom or suspended type.

Great precision of movement with manual or motorised versions.

The industrial Jib cranes, from 500 kg up to 20 t, allow cantilevers suitable for each type of application.

DRY DOCKS

Up to 4 t.

OPTIMISING SPACE USAGE AT A BOATYARD
We design and manufacture rail-mounted gantry cranes for dry docks that are adapted to each customer’s specific space and needs, optimising use of the space and expanding docking capacity to get the most out of the boatyard.

AUTOMATED SERVICE
Industry developments allow us to design cutting-edge solutions, offering automated dry dock services to facilitate boat docking, storage and delivery to expand a boatyard’s service to reach its full potential.

STREAMLINED DELIVERY OF BOATS
Our dry docks are designed to provide customers with the best service, so that they can have their boats ready in just a few minutes through automatic or semi-automatic operations.

PRESERVATION OF BOATS ON DRY DOCK
Boats are not in contact with the water, improving preservation and safety.

WALL JIB CRANE

COLUMN JIB CRANE

INDUSTRIAL JIB CRANE

PORT JIB CRANE

AUTOMATED SERVICE

STREAMLINED DELIVERY OF BOATS

PRESERVATION OF BOATS ON DRY DOCK
WE ADAPT TO EACH MARKET AND CUSTOMER, WITHOUT ANY REDUCTION IN QUALITY OR PERFORMANCE. GH GLOBAL SERVICE.
A 10 OUT OF 10 SERVICE

Wherever our customer is, they can be sure of a quick and effective response. We provide a Technical Support Service in the 5 continents. With advanced technology and continuous advice.

1. Comprehensive preventive maintenance.
2. Corrective maintenance.
3. Supply of spare parts.
4. Supply of lifting accessories.
5. Modernisations and renovations.
6. Training of crane operators.
7. Assembly and commissioning of cranes.
8. Standard crane warranty service.
9. Service technology.

WE INVEST IN OUR OWN CAPABILITIES IN ORDER TO BE ABLE TO PROVIDE OUR CUSTOMERS WITH A COMPREHENSIVE SOLUTION.
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REFURBISHMENT AND UPGRADES

EXTENDING THE LIFETIME OF THE MACHINE

IMPROVING PERFORMANCE AND SAFETY

Modernisation services extend the useful lifetime of an equipment, adapting it to the new needs and improving its safety.

Thanks to our experience and technological know-how, we can handle all kinds of crane modernisation projects, both for GH branded cranes and others.

CLOSE AT HAND FOR EVERY CUSTOMER

TRAINING OF OPERATORS

The correct use of our machines requires well-trained operators so that they follow the required standards of maximum safety and efficiency.

We have an operator training protocol that is carefully structured and documented, taught by our training experts.

SPARE PARTS

- GH

is our main warehouse in Madrid-Spain, which supplies the highest quality spare parts to regional service centres around the world, in a very short period of time.

Purchasing the spare part from the Official GH Service Network assures you that it is original and comes with the manufacturer’s warranty.

ACCESSORIES FOR LIFTING

- Hoists, magnets, rockers, claws, clamps, weighing, slings and chains, lifelines, lightweight systems, power supplies, radio controls, lightweight jib cranes and chain hoists.

SPARE PARTS

SPARE PARTS

CONNECTIVITY

This is the technology that connects directly to service technicians, customers, machines and the GH data centre, through the cloud. It shows our customers all the service and operating data of our machines.

GH, through its data centre, can then perform Big Data analysis to better understand the operating patterns of our machines, developing products and services according to the production needs of our customers.
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We create particular solutions for specific sectors. We offer the optimal solution to every need. With the experience accumulated since 1958, our extensive capabilities and our own engineering.

WE DEVELOP CRANES AND COMPONENTS FOR ALL TYPES OF INDUSTRIES AND APPLICATIONS, AND FOR EACH WORK ENVIRONMENT.

At GH we know that each customer has specific preferences and need, therefore, we are prepared to develop machines that are fully adapted to each business.

Aeronautics
Automotive
Renewable energies
Public works
Iron and steel
Sheet metal working
Foundry
Steel handling
Waste Treatment
Paper Mills
Container Handling
Precast Concrete
Nautical
Shipyards
Railway
Stone handling
Mining
Others
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Others
AERONAUTICS

For handling and assembly work processes of the aeronautical industry involving lightweight but large parts, the cranes that are installed have beams with large spans and the hoists require high precision to facilitate the assembly processes.

Cranes with hoist transfers are also installed to lift the components to any part of the factory, improving the production processes.

AUTOMOTIVE

These are cranes for production processes and storage of coils.

They are machines for handling dies and tilting processes.

Equipped with several lifting heights in the same bridge, facilitating and making the tilting manoeuvres safe.
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Equipped with several lifting heights in the same bridge, facilitating and making the tilting manoeuvres safe.
In this sector, we have a wide range of products for the handling of the different components that make up the entire wind turbine.

GH has a highly developed and standardised product for Renewable Energy, which has a wide range of lifting capacities and under the hook attachments.

We have products designed for different applications in this sector: Cranes for manufacturing - reinforcement, demoulding, voussoirs, etc. - gantry cranes for voussoirs, under the hook attachments.
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We have a wide range of products to meet the needs of different processes in the steel industry: casting, rolling, storage, maintenance, etc. Each of these processes needs a crane suitable for its very specific functions.

IRON AND STEEL

We develop robust equipment for tilting with a wide range of lifting capacities suitable for the handling processes, integrating magnetisation equipment or other under the hook attachments for manoeuvring.

SHEET METAL WORKING

These are mainly warehouse cranes. This is equipment of average and low capacity, sufficiently agile to handle different steel warehouse products: sections, rebar, rods, tubes, etc.

CASTING

Process cranes for handling molten iron with exceptional lifting safety and smooth and progressive manoeuvres. These are cranes adapted to the difficult environmental conditions of the premises in which they have to carry out their work: high temperatures, aggressive suspended dust, etc.

In this sector, we also have cranes for handling moulds.

STEEL HANDLING
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WASTE TREATMENT

Production equipment with high speeds and outstanding performance to comply with the work cycles in line with the capacity of the plant, including manual, semi-automatic and automatic.

PRECAST CONCRETE

We have products designed for different applications in this sector. Cranes for manufacturing – rebar, demoulding, etc.

Standardised cranes with “true vertical lift” to guarantee the proper demoulding of the precast concrete.

As in the Public Works sector, productivity is the priority with speeds according to the demands of customers.

PAPER MILLS

Both process and maintenance equipment with large tonnage and particularly suitable for environments with high humidity and high temperatures.

CONTAINER HANDLING

Process cranes for storage with high lifting heights and where sway control becomes a critical aspect for the configuration of our equipment.
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Products adapted to the marine environments for which they are intended.

Nautical jib cranes and self-propelled gantry cranes with a wide range of capacities to fully cover the very specific requirements of this demanding sector and the differentiated profile of its customers.

For this sector, GH offers robust equipments with several lifting heights in the same bridge, both independent and synchronised for tilting, with the possibility of integrating magnetisation and welding equipment into our cranes. These equipments are suitable for heavy loads and great volumes.
NAUTICAL

Products adapted to the marine environments for which they are intended.

Nautical jib cranes and self-propelled gantry cranes with a wide range of capacities to fully cover the very specific requirements of this demanding sector and the differentiated profile of its customers.

SHIPYARDS

For this sector, GH offers robust equipments with several lifting heights in the same bridge, both independent and synchronised for tilting, with the possibility of integrating magnetisation and welding equipment into our cranes.

These equipments are suitable for heavy loads and great volumes.
STONE HANDLING

The products we offer are standardised machines of medium and high capacity. These are gantry cranes for outdoor works and raw stone storage.

MINING

A wide range of products in terms of lifting capacities and hook travel, incorporating suitable and oversized mechanisms for works at high altitudes above sea level and in difficult conditions in underground spaces, galleries, etc.

RAILWAY

We differentiate between maintenance and manufacturing cranes. These equipments need perfect synchronisation between cranes for cases of carriage handling with two or more bridges. We also have special (standardised) equipment for handling stations, transfer of rail tracks, etc.

Maintenance cranes are simple cranes from the standard range adapted to the needs of each process.
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HOW?

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GLOBAL PRESENCE

THE EFFORT TO EXTEND OUR PRESENCE AND ACTIVITIES HAS MADE US INTO A MULTI-LOCATION COMPANY. ALL OUR CUSTOMERS ARE GUARANTEED TO HAVE ACCESS TO A PROPER SERVICE THAT PROVIDES A RESPONSE TO THEIR NEEDS.

Our presence in the American continent with three production plants that extend strategically from North to South, makes us a leading brand.

Our factories in Southern and Central Europe put us in a great position to serve all European customers.

Our production plant in Thailand and our presence in China and India give us a magnificent base from which to serve the Asian market.

Lifting your world.

115,000+
Cranes sold

800
employees
Global Presence

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GH’s presence in all these markets has given us the ability to combine different knowledge and cultures in order to adapt ourselves in line with the phrase that summarises our position with respect to international markets: “think global, act local”.

Our products, designed at the heart of the company, are the same in all markets, maintaining the same features in terms of safety, quality and capacity.

“THINK GLOBAL, ACT LOCAL”

GH TESTIMONIES
FROM AROUND THE WORLD.
THE POWER OF THE CONNECTION BETWEEN
CULTURES THAT MAKES US BETTER

DAVID MOULIN
Sales Manager
GH France

GH is almost an inseparable part of my working life. For me, GH has become a way of understanding the world and relationships between people. For a Spanish company to start working in the French market in the 1980s was a fabulous challenge because, although we are only separated by a nearby border, the different mentalities were an almost insurmountable obstacle. However, the language of a very reliable product, an independent business project and a healthy ambition to expand activities in international markets has allowed us to become very close to our French customers. And in my personal life, I’m almost an inseparable part of the organisation of the company. And I’m proud of it.

WHITE WU
Head of the projects department of GH China

When I first came into contact with GH in my professional career, I thought it was a European company with the ambition to find a market in China in a competitive based on price and on the principle of “as cheap as possible”. When I got to know GH I found it is a very different kind of company with an excellent product and in search of opportunities with customers who above all value quality, integrity and a commitment to doing things well.

TOMASZ CHECINSKI
Product Leader
GH Poland

GH is a very advanced company in terms of processes and production techniques. For me it is a real pleasure to share my knowledge with the company that has made this commitment to Poland with the installation of one of its factories abroad.

MÓNICA RUIZ
Assistant Administrative and Financial Manager
GH Mexico

We already have a history in Mexico that goes back 20 years. GH first set up operations in Mexico in 1998 and after a settling-in period which included difficulties, achievements and lessons learned, we are now a well-established reality with a team of committed people and with a brand image that puts us in an outstanding position for the next 20 years. For me, GH Cranes is a company of opportunities that also challenges you in all kinds of ways. During my time at GH, they have always given me support and shown trust and above all they have believed in me professionally and as a person, which has made me enjoy my work and has kept me motivated and proud of belonging to this great family.

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THE SYNTHESIS: THE CUSTOMER PORTAL

Our efforts are not only aimed at the value that we incorporate into the product. Our whole philosophy revolves around two concepts:

PEOPLE
AND THE CUSTOMER

These premises shape our way of acting.

Online reporting of incidents for the crane.

The prevention of future problems that may affect production.

Rapid intervention in the event of uncontrollable incidents.

The availability of statistical information on the activity of the cranes so that the customer can make the appropriate decisions.

Simple, shared and secure administrative management for the customer and the service provider.

Telematic control of the crane’s performance and incorrect actions in the handling of the cranes.

IN THIS PLATFORM WE BRING TOGETHER THE VERY LATEST COMMUNICATION TECHNOLOGY TO PROVIDE COMPREHENSIVE SERVICE MANAGEMENT THAT ALLOWS:
Our efforts are not only aimed at the value that we incorporate into the product. Our whole philosophy revolves around two concepts:

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**THE SYNTHESIS: THE CUSTOMER PORTAL**

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- Rapid intervention in the event of uncontrollable incidents.
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- Simple, shared, and secure administrative management for the customer and the service provider.
- Telematic control of the crane's performance and incorrect actions in the handling of the cranes.
On this website, GH-GS shows its customers all the service information and operational data via the cloud.

GH-GS APP

All our technicians work with this technology, where they record all the service data: fault codes, spare parts used, checklists, maintenance reports, technical documentation, etc.

COREBOX

This is a datalogger that collects data and operating parameters from different crane devices.

LIFECYCLE

WORKCycles

COReSERVICES

Document management
Contract Management
Issuing of warnings
Data record

COReINSIGHT

Indicators about the operating conditions
Proactive alarms about the operating conditions
RAM indicators and Reports
Technical advice

GH ERP

INFORMATION IN THE CLOUD

3G

CLOUD
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OPERATIONAL DATA

This is a datalogger that collects data and operating parameters from different crane devices.

CORESERVICES
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- Contract Management
- Issuing of warnings
- Data record

COREINSIGHT
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- Proactive alarms about the operating conditions
- RAM indicators and Reports
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WE ARE MOVING TOWARDS THE SMART CRANE.
HOW?

WE INNOVATE IN THE PRODUCT AND THE SERVICE.
–

THINKING
WE ARE MOVING TOWARDS THE SMART CRANE. HOW?

WE INNOVATE IN THE PRODUCT AND THE SERVICE.

–
We are moving steadily towards the smart crane. To achieve this, we work with technology partners who enable us to generate knowledge faster. And we collaborate with top-level European technology centres.

We are people from multiple countries who share the same mission.

We offer our own solutions to specific needs. Technology and productive capacity to provide comprehensive solutions to the customer’s needs.

This philosophy and the commitment to being one step ahead has made us pioneers in the application of new technologies in standard products. We were the first to include the variable speed drives in all movements.
We are moving steadily towards the smart crane.
To achieve this, we work with technology partners who enable us to generate knowledge faster. And we collaborate with top-level European technology centres.

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The world of industry 4.0 has made a strong entry into the world of cranes. GH has internalised this new scenario and makes constant investments with the aim of achieving greater digitisation, with a firm commitment to automation and a constant search for improvement in the field of the connection between companies and machines.
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1. **Web configurator** that allows us to provide quotations for cranes anywhere in the world, at any time.

2. Top of the range calculation tools for structures and gears (KISS, ANSYS), 3D and 2D design tools (SolidWorks, AutoCAD).

3. Metrology laboratory for the dimensional control of the parts we make.

4. "Mobile Service" APP for the management of preventive, corrective and other maintenance activities for Service technicians, through which they receive notifications, fill in work reports and carry out other tasks, which reduces paper use to zero, and the information is available for GH and the customer instantly through the Customer Portal.

Remote monitoring of the operational data of the crane through the IoT platform for the collection and processing in real-time of the service data of our machines, which increases the possibility of predictive maintenance and enables more rapid corrective maintenance action.

Lasertracker. For the dimensional control of the crane, we use a maximum precision laser machine.

Monitoring in real-time of the current status of the manufacturing process with data collection terminals in the plant.

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FELLOW TRAVELLERS

OUR CUSTOMERS HAVE SHOWN US THE WAY. WE HAVE JUST ACCOMPANIED THEM ON THEIR JOURNEY.
CUSTOMERS

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FELLOW TRAVELLERS
CUSTOMERS

CUSTOMERS

/76
GH CRANES & COMPONENTS

/77
GH CRANES & COMPONENTS |

FELLOW TRAVELLERS

OUR CUSTOMERS HAVE SHOWN US THE WAY. WE HAVE JUST ACCOMPANIED THEM ON THEIR JOURNEY.

–
CAF is one of the world’s leading companies in the rail sector. With a great capacity to respond to the demands of the major world markets, its trains give it a presence in the main rail infrastructure projects around the world. Its innovation policy is a model for the business community. Our cranes have also accompanied this century-old company in its success.

The Brazilian aeronautical manufacturer is one of the main benchmarks in the passenger transport sector. Its demanding policies for suppliers in terms of safety, efficiency and maximum performance have made GH proud to be among the partners that have allowed Embraer to become one of the leading companies in the world of aeronautical construction.

Irizar is the parent company of a business group that is currently active in six sectors: passenger transport, electromobility, electronics, electric motors and generators, connectivity and energy. Made up of more than 3,350 people, the Irizar Group carries out its activity in five production plants for coaches and buses (Spain, Morocco, Brazil, Mexico and South Africa) and in another six companies in different sectors of activity in Spain as a result of its industrial diversification policy. In addition, it has its own R&D Centre which allows a long-term approach to the process of applied research and technological development of the group’s own products and systems. Irizar is a benchmark in its sector and in the application of energy efficiency technologies, respect for the environment and sustainability, with recognition from the market as a whole.

The American giant in the construction of machinery is a major company that has been at the heart of the development of infrastructures that have allowed humanity to evolve. Caterpillar has chosen GH as a supplier of cranes in its production centres, especially in Mexico but also in other countries. This makes us proud and places us in the great situation of continuing to “respond to the challenge.”

Development, production, project management and the servicing of wind turbines in the onshore segment have been the main competence and passion of the Nordek Group and its 5,500 employees around the world for more than 30 years. As one of the world’s biggest manufacturers of wind turbines under the brands Acciona Windpower and Nordek, the Nordek Group offers low-cost, high-performance wind turbines which enable the long-term and economic generation of wind power in any geographical region and climatic conditions.

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THE BRAZILIAN AERONAUTICAL MANUFACTURER IS ONE OF THE MAIN BENCHMARKS IN THE PASSENGER TRANSPORT SECTOR. ITS DEMANDING POLICIES FOR SUPPLIERS IN TERMS OF SAFETY, EFFICIENCY AND MAXIMUM PERFORMANCE HAVE MADE GH PROUD TO BE AMONG THE PARTNERS THAT HAVE ALLOWED EMBRAER TO BECOME ONE OF THE LEADING COMPANIES IN THE WORLD OF AERONAUTICAL CONSTRUCTION.

IRIZAR IS THE PARENT COMPANY OF A BUSINESS GROUP THAT IS CURRENTLY ACTIVE IN SIX SECTORS: PASSENGER TRANSPORT, ELECTROMOBILITY, ELECTRONICS, ELECTRIC MOTORS AND GENERATORS, CONNECTIVITY AND ENERGY. MADE UP OF MORE THAN 3,350 PEOPLE, THE IRIZAR GROUP CARRIES OUT ITS ACTIVITY IN FIVE PRODUCTION PLANTS FOR COACHES AND BUSES (SPAIN, MOROCCO, BRAZIL, MEXICO AND SOUTH AFRICA) AND IN ANOTHER SIX COMPANIES IN DIFFERENT SECTORS OF ACTIVITY IN SPAIN AS A RESULT OF ITS INDUSTRIAL DIVERSIFICATION POLICY. IN ADDITION, IT HAS ITS OWN R&D CENTRE WHICH ALLOWS A LONG-TERM APPROACH TO THE PROCESS OF APPLIED RESEARCH AND TECHNOLOGICAL DEVELOPMENT OF THE GROUP’S OWN PRODUCTS AND SYSTEMS. IRIZAR IS A BENCHMARK IN ITS SECTOR AND IN THE APPLICATION OF ENERGY EFFICIENCY TECHNOLOGIES, RESPECT FOR THE ENVIRONMENT AND SUSTAINABILITY, WITH RECOGNITION FROM THE MARKET AS A WHOLE.

THE AMERICAN GIANT IN THE CONSTRUCTION OF MACHINERY IS A MAJOR COMPANY THAT HAS BEEN AT THE HEART OF THE DEVELOPMENT OF INFRASTRUCTURES THAT HAVE ALLOWED HUMANITY TO EVOLVE. CATERPILLAR HAS CHOSEN GH AS A SUPPLIER OF CRANES IN ITS PRODUCTION CENTRES, ESPECIALLY IN MEXICO BUT ALSO IN OTHER COUNTRIES. THIS MAKES US PROUD AND PLACES US IN THE GREAT SITUATION OF CONTINUING TO “RESPOND TO THE CHALLENGE”.

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WHEN A GH CRANE LEAVES THE FACTORY, WE KNOW THAT IT WILL REACH GREAT HEIGHTS. THE SAME HEIGHTS AS OUR CUSTOMERS

ABB
ACCIONA
ACS
ADIF
AIRBUS
ALSTOM
ANDRITZ
AQUALIA
ARCELOR MITAL
AUDI
CAF
COBRA
CODELCO
DANOBAT GROUP

DRAGADOS
EDP
EFACEC
ELECNOR
EMBRAER
ENDESA
FAGOR
FAURECIA
FCC
FERROVIAL
GAMESA
GESTAMP
GRUPO ISOLUX
GRUPORTIZ

HYUNDAI
IBERDROLA
IDOM
INDAR
INGETEAM
INTEC
INNEO
KIA
LSOLÉ
MASIAS
TERRNOI SIDERAR
TÉCNICAS REUNIDAS
URBASER
VDO
VESTAS

OFFICE NATIONALE DE L’ÉLECTRICITÉ
RENFE
CORPORACIÓN ROS CASARES
ROGROCA
SACYR
SEAT
SENER
TERNIUM SIDERAR
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COMMITMENT TO OUR CUSTOMERS
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GRUPORTIZ
HYUNDAI
IBERDROLA
IDOM
INDAR
INGETeam
INTEC
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TORRES
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TECNICAS REUNIDAS
URBASER
VOITH
VESTAS

COMMITMENT TO OUR CUSTOMERS
OLEA is the name of the farmhouse in which the Guerra family, founders of GH, lived and developed their entrepreneurial aspirations. That’s why it was the obvious name for this programme. OLEA is GH’s legacy to keep alive that entrepreneurial spirit that motivated us more than six decades ago and that still drives us forward into the future, a legacy which aims to return the trust and support we have received over more than 60 years in the business. Because after so many years of experience we have learned that in order to reach the top it is essential to have a good company to advise and encourage you.

In 2019, GH launched the GH OLEA Innovation Prize project. This initiative consists of two support programmes aimed at two specific groups. And in both cases it seeks innovation for the crane sector in the areas of safety systems, automation, and digitisation and data analysis.

SUPPORTING YOUNG TALENT

1/ GH CRANES PRIZE FOR INNOVATION

For undergraduates in the last year of their degree course or PhD students with innovative proposals with potential for commercial application in the crane sector. GH undertakes to provide financial support and advice to the two winning projects.

2/ GH START-UP CONTEST PROGRAMME FOR BUSINESS PROJECTS.

We are looking for business projects and start-ups related to our field of activity in order to collaborate with them.

GH CRANES will support the selected project in different ways:
- Through preferential contracts for the purchase of the products developed by the new project.
- With the possibility of participating as an industrial and/or investment partner.
- Helping to find new investors or partners of another type.

You can find more information and register in olea.ghcranes.com
OLEA PRIZE AND START-UP CONTEST

SUPPORTING YOUNG TALENT

- OLEA PRIZE

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