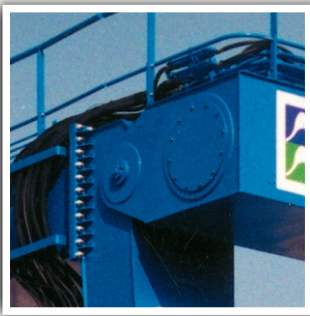


# GH

CRANES & COMPONENTS



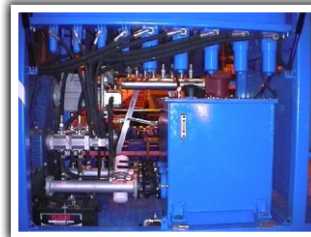
AUTOMOTIVE MARINE  
GANTRIES



STRUCTURE WITH ARTICULATED CONNECTION



AUTOMATIC STEERING ALIGNMENT



HYDRAULIC DISTRIBUTION SYSTEM FOR MANOUVRING



HYDRAULIC M LONG TRAVE

With articulation to absorb torsional moments and to carry out a correct establishment and facilitate a correct running of the wheels on the surfaces.



ROBUST TURNING PROPORTIONAL TO THE TURNING RADIUS



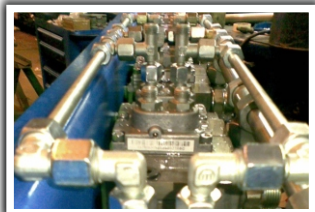
SOUNDPROOF POWER UNIT

Adapted to obtain an acoustic power level LWA of 94dB (A), equivalent to a mean level of acoustic proof 66 dB (A) at 10m, according to the Directive 2000/14/CE. Prepared to work outdoors.

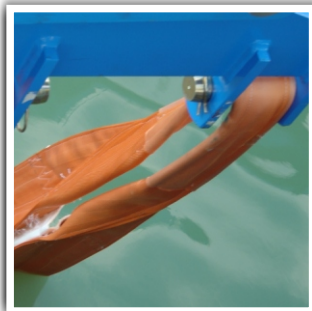




MOTORS FOR  
L MOVEMENT



HYDRAULIC DISTRIBUTORS  
WITH SAFETY VALVES

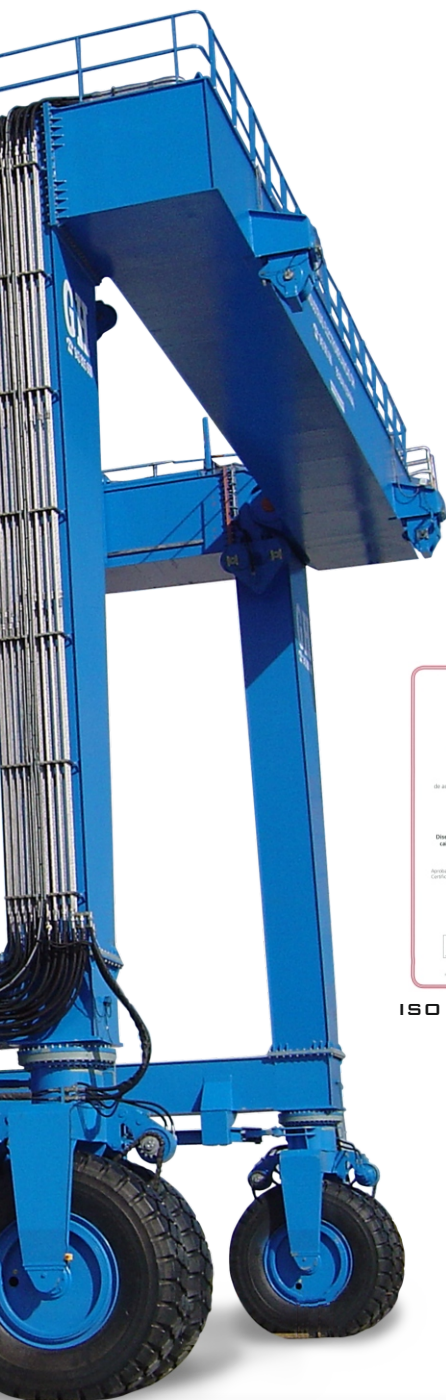


SPREADERS WITH CENTRAL  
ANCHORAGE FOR POSITIONING  
OF THE SLING



PAINTING

Blasting up to grade SA 2 1/2.  
Painting consists of: 1 layer of  
primer epoxy 2 components; 1  
intermediate layer of epoxy 2  
components, and 1 of finished  
polyurethane enamel, with a mini-  
mum thickness of 180 microns.



BOLTED STRUCTURE  
FOR EASY ASSEMBLY

In order to eliminate risks of  
corrosion between the ele-  
ments that form the  
screwed connections, they  
will be sealed with water-  
tight seals during assembly.



SECURITY AND SAFETY



ISO 9001 CERTIFICATE



HYDRAULIC STAINLESS  
STEEL PIPING

Pipes are of stainless steel,  
of precision, as per norm  
DIN-3291.



RECEIVER FOR  
RADIO CONTROL



TRANSMITTER FOR  
RADIO CONTROL



GH-25



GH-35



GH-50



IN GH WE HAVE A WIDE VARIETY OF AUTOMOTIVE MARINE GANTRIES THAT GO FROM 20 TO 300 T. ALL OF THEM ARE CHARACTERIZED BY THEIR GREAT ROBUSTNESS, SIMPLICITY OF USE, EASY MAINTENANCE AND MANOEUVRABILITY.

WHATEVER CAPACITY OF THE REQUIRED GANTRY, ALL THE COMPONENTS OF THE SYSTEM ARE PREPARED IN A PERFECT HARMONY, IN THIS WAY BEING ABLE TO GUARANTEE A SUITABLE ADAPTATION TO EACH TYPE OF BOAT, OFFERING QUALITY AND RELIABILITY



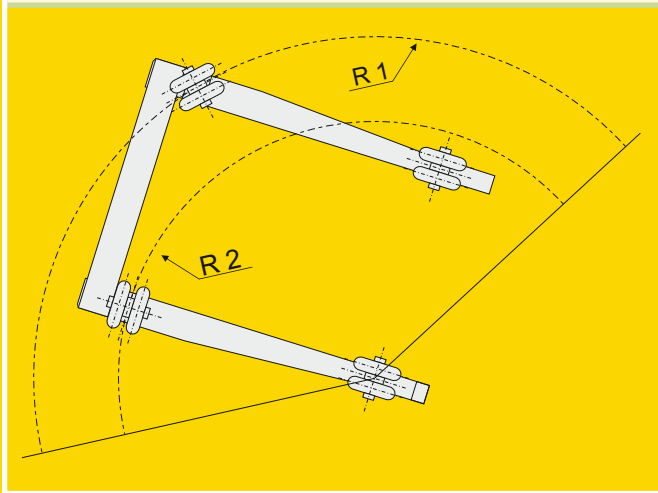
# CHARACTERISTICS

## TURNING RADIUS

IN ORDER TO DETERMINE AN OUTER TURNING RADIUS OF A GH AUTOMOTIVE GANTRY, TRACE UP A DIAGONAL FROM THE FURTHER OUTER POINT OF THE BACK WHEEL UNTIL THE OUTER EDGE OF THE OUTER FRONT WHEEL, AS SHOWN ON THE FIGURE.

THIS WILL PROVIDE A MINIMUM TURNING RADIUS. THIS DISTANCE MUST INCREASE WITH A CERTAIN MARGIN OF LOOSENESS, (R1 OUTER RADIO, R2 INNER RADIO). OPTIONAL 4 WHEELS STEERING.

### OPTIONAL 4 WHEELS STEERING.

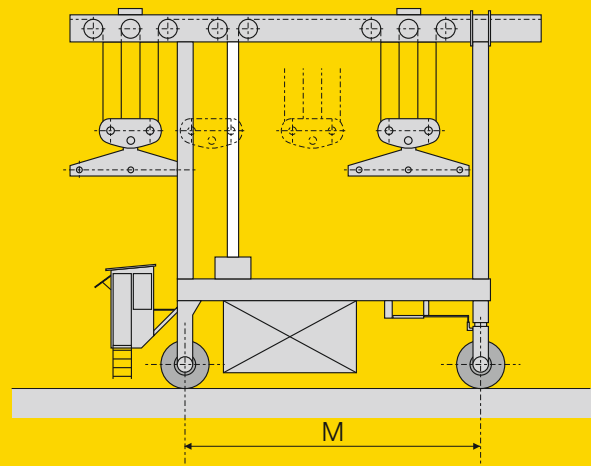
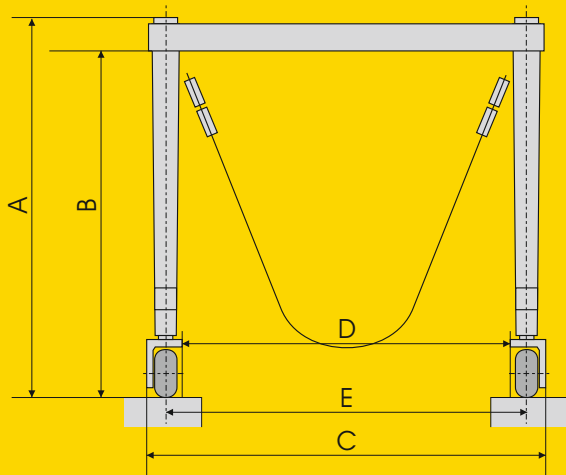
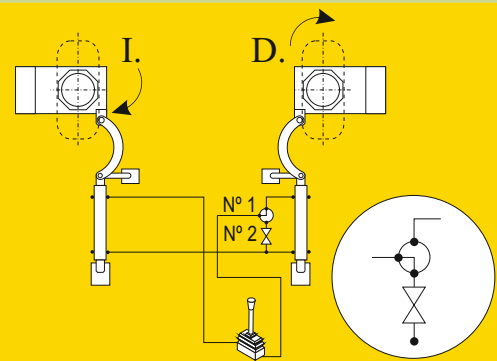
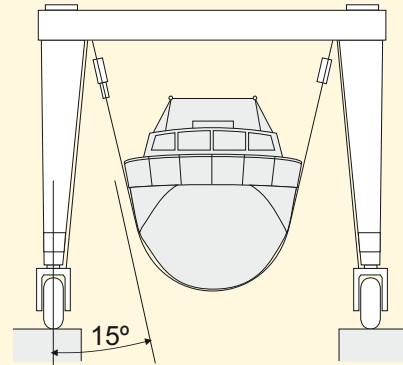


## SLING ANGLE

## LIFTING CAPACITY

15 DEGREES  
20 DEGREES  
25 DEGREES  
30 DEGREES

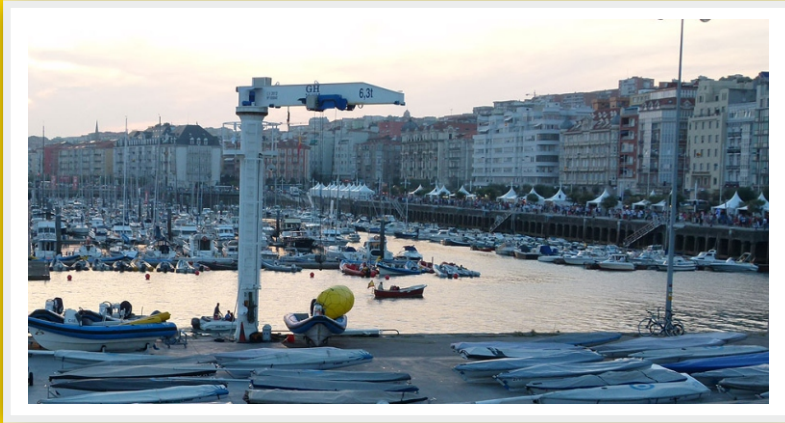
100 %  
75 %  
55 %  
35 %



### STANDARIZED AUTOMOTIVE MARINE GANTRY TABLE

| MODEL                         |                          | GH25     | GH35     | GH50     | GH70     | GH110    | GH165    | GH220    | GH275    | GH330   | GH440  |        |
|-------------------------------|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|---------|--------|--------|
| Lifting capacity              | T.                       | 22       | 32       | 45       | 64       | 100      | 150      | 200      | 250      | 300     | 400    |        |
| Recommended boat length/width | max., m.                 | 16 / 4,9 | 18 / 5,3 | 20 / 5,8 | 22 / 6,1 | 30 / 7,4 | 37 / 7,9 | 40 / 8,5 | 48 / 8,5 | 52/9,6  | 60/10  |        |
| A                             | Total height             | mm.      | 5.960    | 6.270    | 6.950    | 7.500    | 10.900   | 11.700   | 12.375   | 13.000  | 14.600 | 16.735 |
| B                             | Inside free height       | mm.      | 5.300    | 5.600    | 6.150    | 6.750    | 8.850    | 9.500    | 10.150   | 10.500  | 12.000 | 12.300 |
| C                             | Total width              | mm.      | 6.560    | 7.010    | 7.924    | 8.224    | 10.330   | 10.780   | 12.880   | 13.800  | 15.300 | 17.950 |
| D                             | Inside free width        | mm.      | 5.190    | 5.640    | 6.216    | 6.516    | 7.900    | 8.470    | 9.120    | 9.300   | 10.700 | 12.000 |
| E                             | Wheel span               | mm.      | 5.800    | 6.250    | 6.900    | 7.200    | 9.000    | 9.500    | 11.000   | 11.800  | 13.000 | 15.400 |
| M                             | Distance between shafts  | mm.      | 5.200    | 6.200    | 6.300    | 6.800    | 9.100    | 10.400   | 11.800   | 13.000  | 14.000 | 14.800 |
|                               | Sling length/quantity    | m./n°    | 7,5 / 2  | 8 / 2    | 9 / 4    | 9,5 / 4  | 12 / 8   | 14 / 8   | 14 / 8   | 16 / 16 | 20/16  | 20/16  |
| R1                            | Outer turning radius     | m.       | 7,76     | 8,46     | 9,13     | 9,87     | 12,8     | 14,1     | 16,13    | 17,56   | 19,1   | 21,3   |
|                               | Approximate total weight | T.       | 11,5     | 13       | 21       | 24       | 42       | 74       | 94       | 120     | 140    | 150    |

# MARINE JIB CRANES



The standardization of the mechanisms through a simple and modular construction, allows creating a wide and varied rotating arm range of cranes, that go from 4 to 20 t with an extent of 7m arm. A common characteristic in all of them is its simplicity of use and easy manoeuvrability.



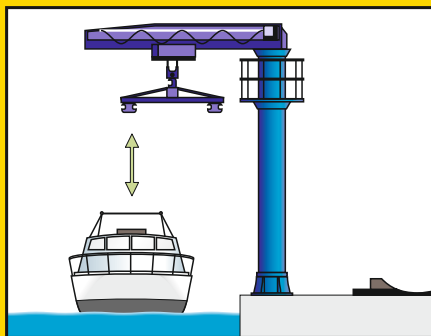
## COLUMN HEIGHT (H METERS) CAPACITY IN T.

| AL/t | 2,5 | 3,2  | 4    | 5    | 6,3  | 8    | 10   | 12,5 | 16   | 20   |
|------|-----|------|------|------|------|------|------|------|------|------|
| 3,5  | 15  | 14   | 9,5  | 7,5  | 14   | 10   | 7,5  | 14   | 15   | 15   |
| 4    | 12  | 10,5 | 8,5  | 7    | 11,5 | 9    | 15   | 12   | 15   | 14   |
| 4,5  | 11  | 9    | 7,5  | 12,5 | 10   | 8    | 13,5 | 10,5 | 15   | 11   |
| 5    | 10  | 8    | 7    | 11   | 9    | 14,5 | 12   | 16   | 13   | 10,5 |
| 5,5  | 9   | 7,5  | 12,5 | 10   | 8    | 13   | 11   | 15   | 12   | 15   |
| 6    | 8   | 7    | 11   | 9    | 7,5  | 12   | 10   | 14   | 10,5 | 15   |
| 6,5  | 7,5 | 12,5 | 10,5 | 8,5  | 14   | 11,5 | 16   | 12,5 | 15   | 15   |
| 7    | 7   | 11,5 | 9,5  | 8    | 13   | 10,5 | 15   | 11   | 15   | 15   |
| 7,5  | 14  | 10   | 6,5  | 14   | 10   | 15   | 15   | 15   | 15   |      |
| 8    | 12  | 9    | 15   | 12   | 9    | 14,5 | 15   | 15   | 15   |      |
| 8,5  | 11  | 7,5  | 14,5 | 11   | 15   | 13   | 15   | 15   |      |      |
| 9    | 10  | 6,8  | 13   | 9,5  | 15   | 15   | 15   | 13   |      |      |
| 9,5  | 8,5 | 15   | 11,5 | 15   | 15   | 15   | 15   | 12   |      |      |
| 10   | 7,5 | 15   | 10,5 | 15   | 15   | 15   | 15   |      |      |      |

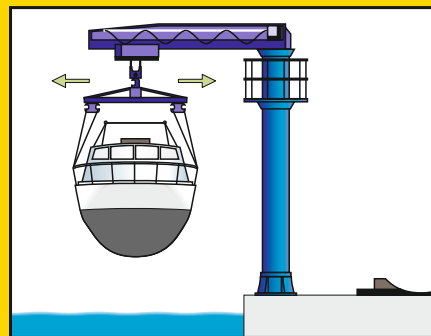
ARM LENGTH IN METRES

## FOUNDATION AND ANCHORAGE PLATES.

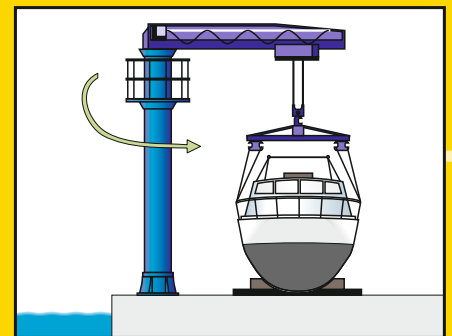
|          |      |                    |           |
|----------|------|--------------------|-----------|
| MODEL 1  | JP1  | 910x1100x8/ø830    | 16div/ø31 |
| MODEL 2  | JP2  | 1350x1550x10/ø1250 | 20div/ø37 |
| MODEL 3  | JP3  | 1600x1800x12/ø1500 | 22div/ø37 |
| MODEL 4  | JP4  | 2000x2300x12/ø1850 | 20div/ø50 |
| MODEL 5L | JP5L | 2300x2500x12/ø2100 | 24div/ø50 |
| MODEL 5  | JP5  | 2400x2700x12/ø2200 | 24div/ø50 |



LIFTING MOVEMENT



CROSS TRAVEL MOVEMENT



JIB TURNING MOVEMENT

**GH**  
CRANES & COMPONENTS

INDUSTRIAS ELECTROMECANICAS GH, S.A.

TEL.: +34 943 805 660  
FAX: +34 943 888 721  
E-MAIL: MARINE@GHCRANES.COM  
GHCRANES@GHCRANES.COM  
APDO. 27 - Bº SALBATORE  
20200 BEASAIN (GIPUZKOA) - SPAIN  
WWW.GHCRANES.COM