

# · GH ·

CRANES & COMPONENTS



SELF-PROPELLED INDUSTRIAL  
GANTRIES



RECEIVER FOR RADIO COMMUNICATION



TRANSMITTER FOR RADIO COMMUNICATION



CRANE CAB WITH CONTROL DESK



Hydraulic translation motors



Hydraulic lifting and direction motors for the crab, independent for each function



Diesel motor, refrigerated



**STRUCTURE WITH ARTICULATED JUNCTION**

Equipped with a junction to absorb torsional momentum and settle the machine correctly, enabling the wheels to roll properly on irregular surfaces.



**AUTOMATIC STEERING ALIGNMENT**



**SOUNDPROOF PROPELLING GROUP**

Adequate to obtain a LWA sound level of 94 dB(A), equivalent to an average sound level of 66 dB(A) at 10 m, an acceptable level to work outdoors according to Directive 200/14/CE



**DISPLACING CRAB WITH LOAD LIMITER WITH WEIGHT SUMMATION**



**HYDRAULIC TUBES IN STAINLESS STEEL**

Precision tubes are made of stainless steel, complying with norm DIN-3291.



**EASY-TO-DISMANTLE, BOLTED STRUCTURE**

To prevent corrosion in the elements of the bolted joints, they will be sealed with sealing rings during assembly.



**ROBUST STEERING PROPORTIONAL TO THE ROTATION RADIUS**



**PAINT**

Blasting up to grade SA 2 1/2. The paint is composed of: 1 Epoxy primer layer 2 components; 1 Epoxy middle layer 2 components and 1 finishing layer of Polyurethane Enamel, minimum thickness 180 µm.



**SAFETY AND PROTECTION**



Hydraulic distributors with safety valves



Closed oil circuit



Soundproof motor frame



HANDLING OF CONCRETE BEAMS



STORAGE, TRANSPORT AND HANDLING OF STONE



PREFABRICATED CONCRETE STRUCTURES



HANDLING OF WIND TURBINE HEADS

IN GH, WE OFFER A WIDE ARRAY OF SELF-PROPELLED GANTRIES, WITH A RANGE OF 20 T TO 300 T. ALL OF THEM ARE HIGHLY ROBUST, EASY TO USE, MAINTAIN AND MANOEUVRE, AND THEY ARE VERY USEFUL FOR SECTORS IN THE PREFABRICATED INDUSTRY, OUTDOOR LOGISTIC STOREHOUSES (WIND ENERGY, PREFABRICATED CONCRETE STRUCTURES, BOILERMAKING, ETC.)



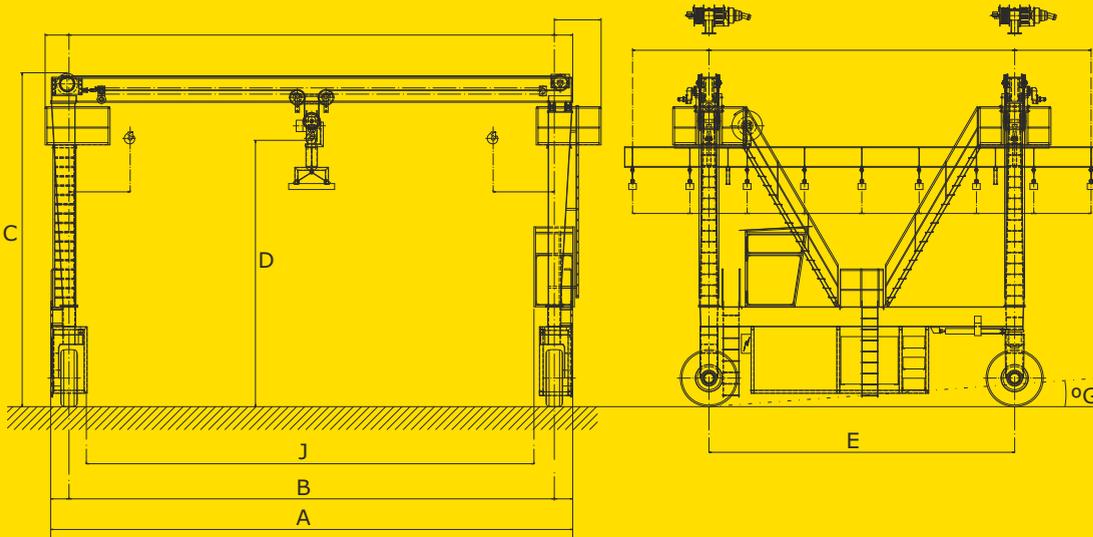
SEVERAL USES IN SHIPYARDS



HANDLING OF METAL SHEETS



# CHARACTERISTICS



## INFORMATION NEEDED TO SELECT THE CORRECT MACHINE

REQUIRED INFORMATION ABOUT THE MACHINE'S SIZE

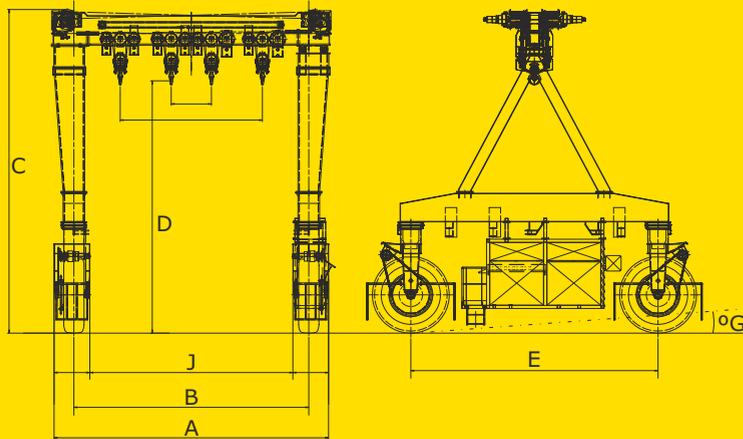
A	Max width	mm.
B	Width between wheels	mm.
C	Max height	mm.
D	Height under hook	mm.
E	Distance between centres	mm.
F	Capacity	ton.
G	Max slope to climb	°

### Size and weight of elements to be handled

H	Max weight	ton.
I	Height	mm.
J	Width	mm.
K	Length of the piece	mm.

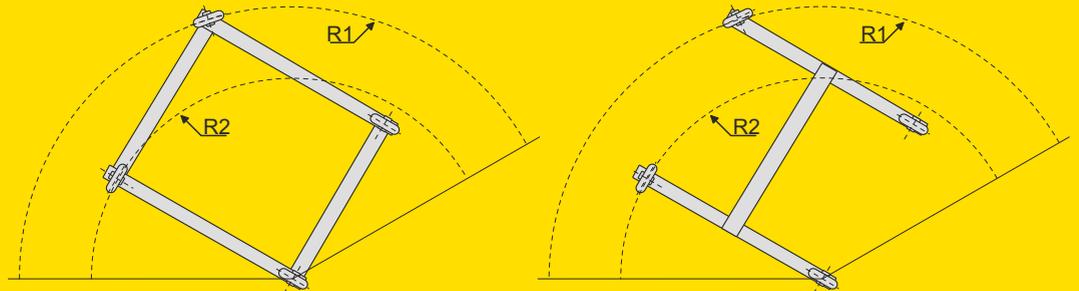
### Steering

Two wheels		
Four wheels		



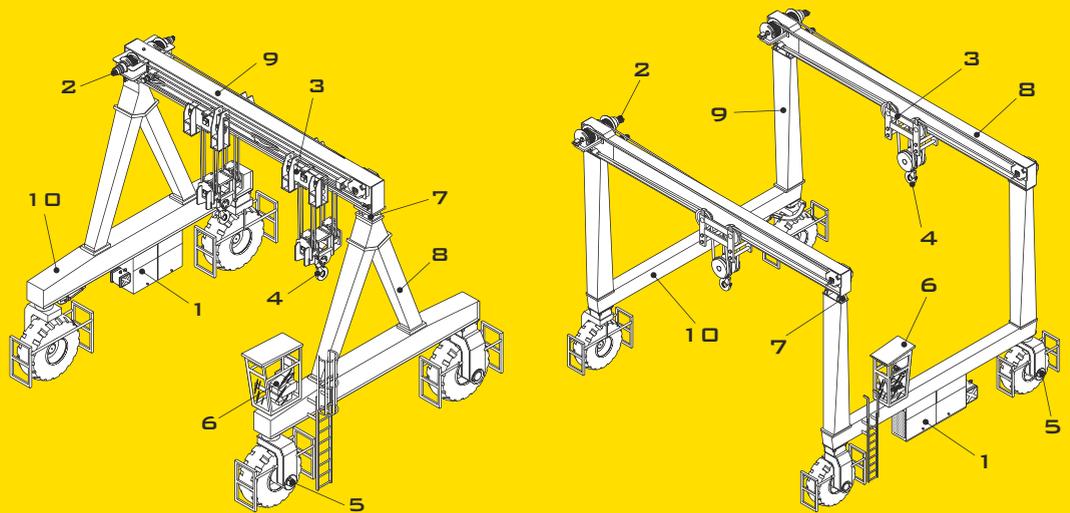
## ROTATION RADIUS

IN ORDER TO DETERMINE THE INNER OR OUTER TURNING RADIUS OF A GH SELF-PROPELLED GANTRY, FOLLOW THE INSTRUCTIONS IN THE FIGURE.



THIS WILL TELL YOU THE MINIMUM TURNING RADIUS. THIS DISTANCE MUST BE INCREASED WITH A MARGIN TO PROVIDE SOME CLEARANCE, (R1 OUTER RADIUS, R2 INNER RADIUS).

1. PROPELLING GROUP
2. ELEVATORS
3. ROLLING CRAB
4. BLOCK
5. GANTRY'S TRANSLATION
6. CAB
7. GIRDER'S JOINT
8. MAIN GIRDER
9. ARTICULATED LEG
10. LOWER LATERALS

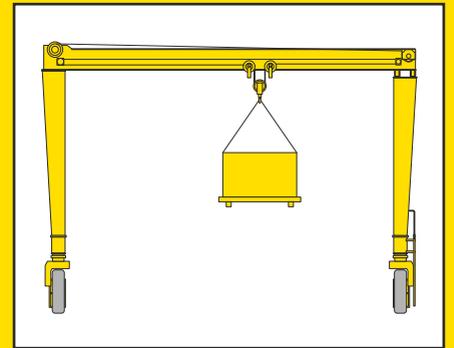
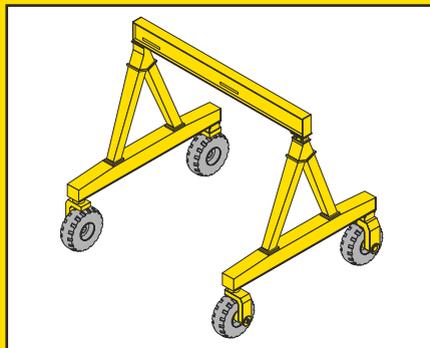
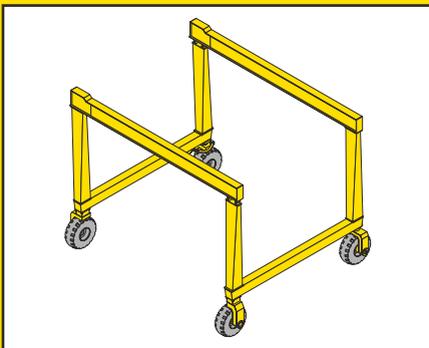




SPECIAL APPLICATIONS DEPENDING ON CUSTOMER'S NEEDS



EASY-TO-MANOEUVRE GANTRIES



**GH**  
CRANES & COMPONENTS

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