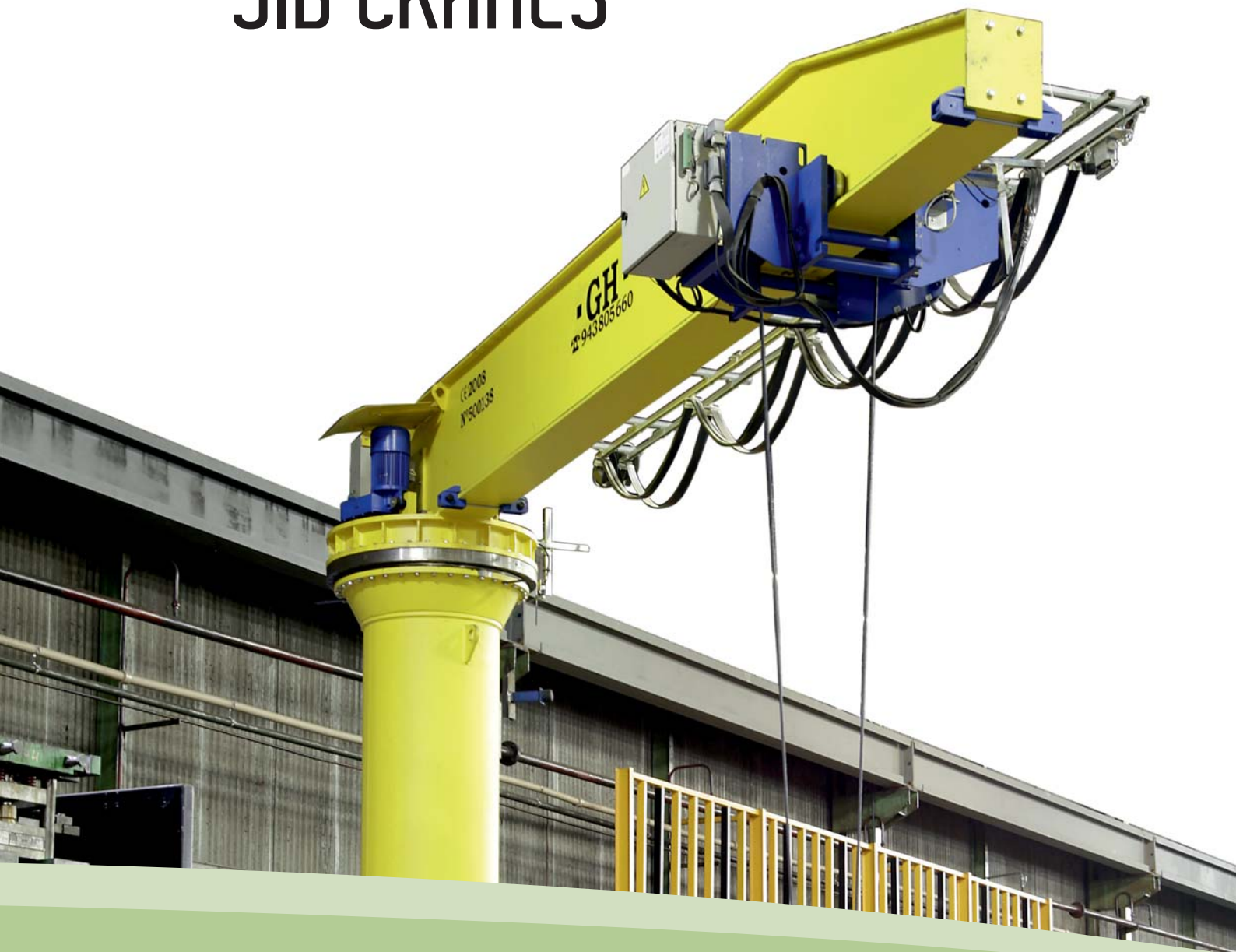


GH

Cranes & Components

INDUSTRIAL AND PORT JIB CRANES

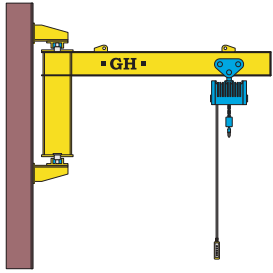


GPLM - GPLC - GPLN - GPLP

A WIDE RANGE
OF MODELS TO CATER
FOR ALL INDUSTRIAL
AND PORT
REQUIREMENTS



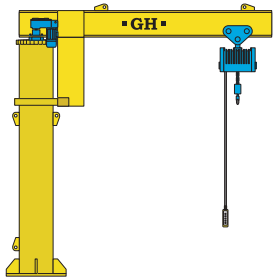
WALL JIB CRANE - GPLM



Available in 5 different-sized models with capacities ranging from 250 kg to 2 tons.

4 different models according to attachment type: welded to column flange, welded to column web, clamped to column or bolted to column.

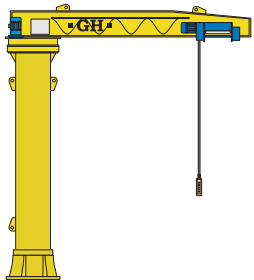
COLUMN JIB CRANE - GPLC



5 standard models and 5 special models, with capacities ranging from 125 kg to 4 tons.

Electric rotation system.

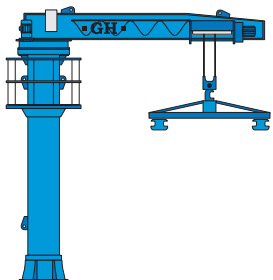
INDUSTRIAL JIB CRANE - GPLN



4 models available, with capacities ranging from 2.5 to 20 tons. Electric rotation system.

This type of jib crane is used in industrial facilities requiring a higher lifting capacity than for column jib cranes (GPLC).

PORT JIB CRANE - GPLP



4 models available, with capacities ranging from 2.5 to 20 tons. They are equipped with more elements than industrial jib cranes (GPLN) special paint, a stainless steel cabinet, radio control and a fixed button panel to adapt to environmental and working conditions, with additional options such as a spreader and boat lifting slings.

Electric trolley travel: Recommended for loads of over 500 kg.

All the cable hoists have a converter for lifting and trolley travel, enabling smooth, precise movement.

The electric rotation converter enables smooth turning and accurate positioning.

Movable or radio controlled button panel, suitable for a boom length of over 3 m and when distance from the load is required.

Adjustable trolley stops.

Jib cranes are classified according to their design:

- Wall jib cranes
- Column jib cranes

According to rotation drive:

- Standard rotation
- Electric rotation

According to their lifting hoist:

- Chain lifting hoist type
- Cable lifting hoist type

According to hoist trolley movement drive:

- Push trolley type
- Electric trolley type

According to their rotation range:

- 108°, 270°, 350° or 360°

According to control type:

- Hoist with fixed button panel type
- Movable button panel type
- Radio controlled type

Jib crane design and dimensions also depend on the following factors:

- Type of foundations, for column cranes.
- Type of fixing, for wall jib cranes: metal, concrete or wall column.
- Lifting capacity.
- Boom length.
- Column height.
- Hook travel.
- Location, indoors or outdoors.



WALL JIB CRANE - GPLM

This type of crane lifts lightweight parts during the production process, where separate manufacturing stations are required for the main cranes in the building.

Standard version with a capacity of up to 1 ton and a 7 m boom, or version with a 2 ton capacity and a 5 m boom, with manual or electric rotation drive.

5 different-sized models for the manual rotation version and 3 models for the electric rotation version are available, with chain hoist and optional cable hoist.

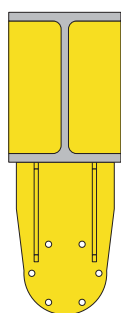
Model classification:

Fixed to building column type:

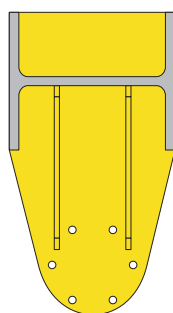
AMSL	Welded to flange
AMSM	Welded to web
AMBR	Clamped
AMTR	Bolted

Model	Beam
1	IPE-180
2	IPE-240
3	IPE-300
3EI	IPE-300
4	IPE-360
4EI	IPE-360
5	IPE-400
5EI	IPE-400

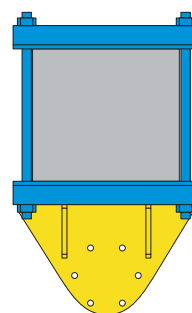
Different models of wall jib cranes are available, according to how they are fixed to the building column: GH supplies the fixing supports for cranes welded to the beam flange or beam web, or clamped or bolted to the column.



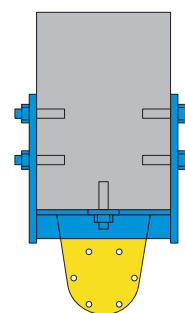
Welded to flange



Welded to web

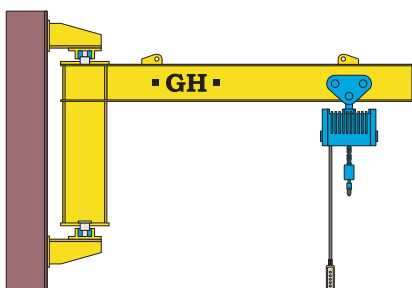


Clamped



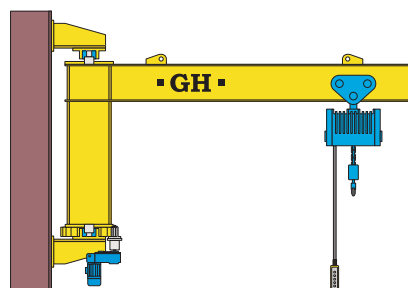
Bolted

Tables for crane type selection according to load capacity and boom length:



180°

Rotation type:
Push



180°

Rotation type:
Electric

		Load capacity (t)			
		0,25	0,5	1	2
Boom (m)	2				
	2,5				
	3	Model 1	Model 2		
	3,5			Model 3	
	4			Model 4	
	4,5				Model 5
	5				
	5,5				
	6				
	6,5				
	7				

		Load capacity (t)			
		0,25	0,5	1	2
Boom (m)	2				
	2,5				
	3				
	3,5		Model 3EI		
	4			Model 4EI	
	4,5				Model 5EI
	5				
	5,5				
	6				
	6,5				
	7				



COLUMN JIB CRANE - GPLC

This type of crane lifts light and medium weight parts during production processes where separate manufacturing stations are required for the main cranes in the building.

Available in standard versions with capacities ranging from 125 kg to 4 tons. 5 standard models are available, according to load capacity and boom, and 5 special models according to column height.

All the cable hoists have a converter for lifting, trolley travel and rotation, enabling smooth, precise movement.

Model classification:

Model	Beam	Tube	Anchoring and frame units		
1	IPE-200	ø219	JC1	400x600x5/ø340	6div/ø31
1E		ø323	JC2	500x700x5/ø420	8div/ø31
2	IPE-300	ø406	JC3	710x900x5/ø630	10div/ø31
2E					
3	IPE-360	ø457	JC4	810x1000x5/ø730	12div/ø31
3E					
4	IPE-450	ø558	JC5	910x1100x5/ø830	16div/ø31
4E					
5	IPE-550	ø610	JP1	910x1100x8/ø830	16div/ø31
5E					

The basic jib crane has a chain hoist (and optional cable hoist).

Tables for crane type selection according to boom length and column height:

		Load capacity (t)									
		0,125	0,25	0,5	0,75	1	1,6	2	2,5	3,2	4
Standard height	2	7	4,5	8,5	6	4,5	3	5	4	3	4
	2,5	6	3,5	7	5	3,5	4,5	4	3	4	3,5
	3	5	3	5,5	4	3	4	3	4,5	3,5	4,5
	3,5	4	7	4,5	3,5	5	3,5	4,5	3,5	4,5	3,5
	4	3,5	6,5	4	3	4,5	3	4	3	4	3
	4,5	3	6	3,5	5	4	4	3,5	4,5	3,5	
	5	7	5	6	4,5	3,5	4	3	4	3	
	5,5	6,5	4,5	5	4	5	3,5	4	3,5		
	6	5,5	4	4,5	3,5	4,5	3	4	3		
	6,5	5	3,5	4	5	4	4	3,5			
	7	4,5	3	3,5	4,5	3,5	4	3			
Special height	8	3,5	5	5	4	4,5	3,5				
	9	3	4	4,5	3,5	4	3				
	10	4,5	3,5	3,5	4	3,5					

Standard Column Jib Crane with maximum working height

Check out our special models for use where the jib crane model does not permit the necessary column height.

		Load capacity (t)									
		0,125	0,25	0,5	0,75	1	1,6	2	2,5	3,2	4
Special height	2	9	6,5	10,5	8	6,5	5	6,5	5,5	4,5	5,25
	2,5	8	5,5	9	7	5,5	6	5,5	4,5	5,25	4,75
	3	7	5	7,5	6	5	5,5	4,5	5,75	4,75	5,25
	3,5	6	9	6,5	5,5	6,745	5	5,75	4,75	5,25	4,25
	4	5,5	8,5	6	5	6,25	4,5	5,25	4,25	4,75	3,75
	4,5	5	8	5,5	8,75	5,75	5,25	4,75	5,25	4,25	
	5	9	7	7,75	6,25	5,25	5,25	4,25	4,75	3,75	
	5,5	8,5	6,5	6,75	5,75	5,25	4,75	4,75	4,25		
	6	7,5	6	6,25	5,25	5,75	4,25	4,75	3,75		
	6,5	7	5,5	5,75	6,75	5,25	4,75	4,25			
	7	6,5	5	5,25	6	5,25	4,75	3,75			
Special height	8	5,5	7	6,5	5,5	5,5	4,25				
	9	5	6	6	5	5	3,75				
	10	6,5	5,5	5	5	4,5					

Special Column Jib Crane with maximum working height

Check with the factory for special models for use where the special column crane model does not permit the necessary column height.



INDUSTRIAL JIB CRANE

This type of crane lifts heavy weights during industrial production processes where separate manufacturing stations are required for the main cranes in the building.

Standard version with a capacity of up to 12.5 tons and a 7 m boom, or version with a 20 ton capacity and a 5 m boom, with electric rotation drive.

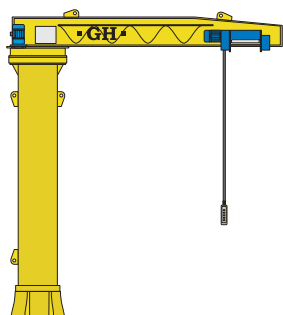
4 different sized models are available.

Model classification:

Model	Beam	Tube	Anchoring and frame units		
1	500	ø610	JP1	910x1100x8/ø830	16div/ø31
2	700	ø760	JP2	1350x1550x10/ø1250	20div/ø37
3	900	ø960	JP3	1600x1800x12/ø1500	22div/ø37
4	1100	ø1150	JP4	2000x2300x12/ø1850	20div/ø50

The basic jib crane has an AR chain hoist, and may optionally be equipped with a standard cable hoist.

Tables for crane type selection according to load capacity, boom length and column height:



Rotation type:
Electric

Industrial jib crane with AR cable hoist with maximum working height.

		Load capacity (t)									
		2,5	3,2	4	5	6,3	8	10	12,5	16	20
Boom (m)	4	12	10,5	8,5	7	11,5	9	15	12		
	4,5	11	9	7,5	12,5	10	8	13,5	10,5		
	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	
	6	8	7	11	9	7,5	12	10	14	10,5	
	6,5	7,5	12,5	10,5	8,5	14	11,5	16	12,5	9	
	7	7	11,5	9,5	8	13	10,5	15	11		

Check with the factory for cases where the jib crane model does not permit the necessary column height.

Foundation box dimensions.

		Load capacity (t)									
		2,5	3,2	4	5	6,3	8	10	12,5	16	20
Boom (m)	4	2,45x2,45x1	2,6x2,6x1	2,75x2,75x1	3,x3,x1	3,2x3,2x1	3,5x3,5x1	3,45x3,45x1,25	3,8x3,8x1,25		
	4,5	2,55x2,5x1	2,7x2,7x1	2,9x2,9x1	3,15x3,15x1	3,35x3,35x1	3,65x3,65x1	3,65x3,65x1,25	3,9x3,9x1,25		
	5	2,65x2,65x1	2,8x2,8x1	3,1x3,1x1	3,25x3,25x1	3,5x3,5x1	3,6x3,6x1,25	3,8x3,8x1,26	4,1x4,1x1,4	4,35x4,35x1,4	4,65x4,65x1,4
	5,5	2,75x2,75x1	2,9x2,9x1	3,15x3,15x1	3,4x3,4x1	3,6x3,6x1	3,75x3,75x1,25	3,95x3,95x1,25	4,2x4,2x1,4	4,5x4,5x1,4	
	6	2,9x2,9x1	3,05x3,05x1	3,25x3,25x1	3,55x3,55x1	3,75x3,75x1	3,85x3,85x1,25	4,1x4,1x1,26	4,35x4,35x1,4	4,65x4,65x1,4	
	6,5	3x3x1	3,15x3,15x1	3,35x3,35x1	3,65x3,65x1	3,75x3,75x1,25	3,95x3,95x1,25	4,2x4,2x1,4	4,5x4,5x1,4	4,75x4,75x1,4	
	7	3,15x3,15x1	3,25x3,25x1	3,5x3,5x1	3,75x3,75x1	3,8x3,8x1,25	4,1x4,1x1,25	4,3x4,3x1,4	4,6x4,6x1,4		



PORT JIB CRANE - GPLP

This type of crane is specially designed for lifting heavy loads in port environments.

Standard version with a capacity of up to 12.5 tons and a 7 m boom, or version with a 20 ton capacity and a 5 m boom, with electric rotation drive.

4 different sized models are available.

Cable hoist with optional converter for lifting. Movement and rotation with serial converter.

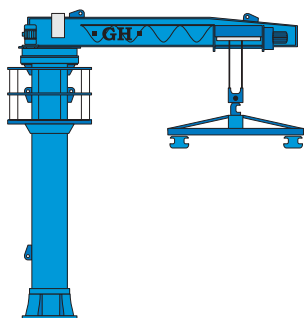
Model classification:

Model	Beam	Tube	Anchoring and frame units		
1	500	ø610	JP1	910x1100x8/ø830	16div/ø31
2	700	ø760	JP2	1350x1550x10/ø1250	20div/ø37
3	900	ø960	JP3	1600x1800x12/ø1500	22div/ø37
4	1100	ø1150	JP4	2000x2300x12/ø1850	20div/ø50

The basic jib crane has an AR chain hoist, and may optionally be equipped with a standard cable hoist.



Tables for crane type selection according to load capacity, boom length and column height:



Rotation type:
Electric

Port jib crane with AR cable hoist with maximum working height.

		Load capacity (t)									
		2,5	3,2	4	5	6,3	8	10	12,5	16	20
Boom (m)	4	12	10,5	8,5	7	11,5	9	15	12		
	4,5	11	9	7,5	12,5	10	8	13,5	10,5		
	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	
	6	8	7	11	9	7,5	12	10	14	10,5	
	6,5	7,5	12,5	10,5	8,5	14	11,5	16	12,5	9	
	7	7	11,5	9,5	8	13	10,5	15	11		

Check with the factory for cases where the jib crane model does not permit the necessary column height.

Foundation box dimensions.

		Load capacity (t)									
		2,5	3,2	4	5	6,3	8	10	12,5	16	20
Boom (m)	4	2,45x2,45x1	2,6x2,6x1	2,75x2,75x1	3,x3,x1	3,2x3,2x1	3,5x3,5x1	3,45x3,45x1,25	3,8x3,8x1,25		
	4,5	2,55x2,5x1	2,7x2,7x1	2,9x2,9x1	3,15x3,15x1	3,35x3,35x1	3,65x3,65x1	3,65x3,65x1,25	3,9x3,9x1,25		
	5	2,65x2,65x1	2,8x2,8x1	3,1x3,1x1	3,25x3,25x1	3,5x3,5x1	3,6x3,6x1,25	3,8x3,8x1,26	4,1x4,1x1,4	4,35x4,35x1,4	4,65x4,65x1,4
	5,5	2,75x2,75x1	2,9x2,9x1	3,15x3,15x1	3,4x3,4x1	3,6x3,6x1	3,75x3,75x1,25	3,95x3,95x1,25	4,2x4,2x1,4	4,5x4,5x1,4	
	6	2,9x2,9x1	3,05x3,05x1	3,25x3,25x1	3,55x3,55x1	3,75x3,75x1	3,85x3,85x1,25	4,1x4,1x1,26	4,35x4,35x1,4	4,65x4,65x1,4	
	6,5	3x3x1	3,15x3,15x1	3,35x3,35x1	3,65x3,65x1	3,75x3,75x1,25	3,95x3,95x1,25	4,2x4,2x1,4	4,5x4,5x1,4	4,75x4,75x1,4	
	7	3,15x3,15x1	3,25x3,25x1	3,5x3,5x1	3,75x3,75x1	3,8x3,8x1,25	4,1x4,1x1,25	4,3x4,3x1,4	4,6x4,6x1,4		



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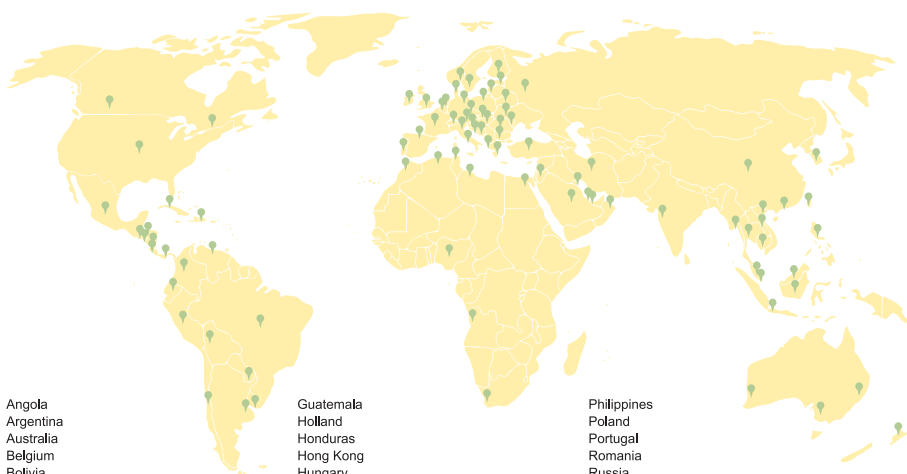
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LEE MACHINERY-GH THAILAND
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GH CRANES CORPORATION
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www.ghcranes.com
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TEL.: +34 943 805 660
FAX: +34 943 888 721
E-MAIL: GHSA@GHSA.COM
APDO. 27 - Bº SALBATORE
20200 BEASAIN
(GIPUZKOA) SPAIN

WWW.GHSA.COM

