



GIDROLAST[®]

Idrodinamica Gidrolast SRL



HYDRAULIC GANTRY SYSTEMS



 **assofluid**

Member of the Italian Association
of Hydraulic Manufacturers

Lifting/lowering control system **GidrolastSafe**
Positioning accuracy up to 1 mm
Lifting capacity up to 500 tons
High safety level



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Hydraulic gantry systems

DESCRIPTION

Answering the demands of the market, Gidrolast has developed and manufactured a complete range of advanced hydraulic gantry crane. They are designed to handle loads up to a thousand tons. All our gantries are delivered with specific properties and control systems to ensure optimum stability and safety. Gidrolast hydraulic gantry systems have a number of unique features: self-contained hydraulic systems, GidrolastSafe, wireless control systems and high grade steel technology. GidrolastSafe ensures safety - it is the safest possible method to operate a gantry. This wireless control system provides the operator with information about the stroke, lift and load per unit. And it automatically corrects any unsynchronised motion of the individual units.

Two or three stage full powered hydraulic cylinders;
 Octagonal beam design;
 Self propelled wheels;
 Hydraulic locking system;
 GidrolastSafe control system.

Technical specifications

Maximum lift height - 12 meters (40 ft);
 Maximum load capacity - from 12 t (26500 lb) to 1000 t (2200k lb);
 Rate of ascent/descent under load - 2 mm/s;
 Speed of horizontal movement - 7 mm/s;
 Maximum pressure on the working surface - and 5 N/cm²;
 Voltage - 380/440 Vac, 50/60 Hz.



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STANDARD LINE MODELS

Model	Quantity of towers	Max. capacity of upper stage, tons (lb)	Max. load of the first stage, tons (lb)	Max. lifting height, mm (ft)
MHGS.2.20.4880	2	20	40	4880
MHGS.2.25.6250		25	60	6250
MHGS.2.50.5775		50	75	5775
MHGS.2.50.8230		50	100	8230
MHGS.2.100.5775		100	150	5775
MHGS.2.100.8230		100	200	8230
MHGS.4.40.4880	4	40	80	4880
MHGS.4.50.6250		50	120	6250
MHGS.4.100.5775		100	150	5775
MHGS.4.100.8230		100	200	8230
MHGS.4.200.5775		200	300	5775
MHGS.4.200.8230		200	400	8230

Load capacity, depending on the height of lifting

Model	Lifting range level, mm	Maximum load capacity, t			
		1 stage	2 stage	3 stage	4 stage
MHGS.2.20.4880	1830-3330	40	-	-	-
	3330-4880	-	20	-	-
MHGS.2.25.6250	2270-3330	60	-	-	-
	3330-4440	-	50	-	-
	4440-5580	-	-	40	-
	5580-6250	-	-	-	25
MHGS.2.50.5775	2450-4070	75	-	-	-
	4070-5775	-	50	-	-
MHGS.2.50.8230	3020-4800	100	-	-	-
	4800-6580	-	75	-	-
	6580-8350	-	-	50	-
MHGS.2.100.5775	2450-4070	150	-	-	-
	4070-5775	-	100	-	-
MHGS.2.100.8230	3020-4800	200	-	-	-
	4800-6580	-	150	-	-
	6580-8350	-	-	100	-
MHGS.4.40.4880	1830-3330	80	-	-	-
	3330-4880	-	40	-	-
MHGS.4.50.6250	2270-3330	120	-	-	-
	3330-4440	-	100	-	-
	4440-5580	-	-	80	-
	5580-6250	-	-	-	50
MHGS.4.100.5775	2450-4070	150	-	-	-
	4070-5775	-	100	-	-
MHGS.4.100.8230	3020-4800	200	-	-	-
	4800-6580	-	150	-	-
	6580-8350	-	-	100	-
MHGS.4.200.5775	2450-4070	300	-	-	-
	4070-5775	-	200	-	-
MHGS.4.200.8230	3020-4800	400	-	-	-
	4800-6580	-	300	-	-
	6580-8350	-	-	200	-

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GUARANTEE

The warranty period for the equipment is not less than 18 months from the moment the equipment is put into operation, but not more than 24 months from the date of delivery. The gantry system is completely ready for operation, it is supplied complete with the necessary working fluids. Acceptance and commissioning of equipment is carried out based on the results of the check for completeness, checking the operability of all units and mechanisms, and after instructing staff for at least 16 hours on the customer's premises. It is possible to conclude a post-warranty service.

Attention!

The gantry system are subject to registration in the territorial bodies of the State Technical Inspection for admission to work.





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