

# 2017



## HYDRAULIC GANTRY SYSTEM ПГП60/6/6 «BABR»

**DEVELOPED AND MANUFACTURED BY «ENERPROM», FOR THE FIRST TIME IN RUSSIA**

The gantry system is applied in transportation and heavy lifting operations, installation / dismantling of heavy industrial large-sized equipment with a high degree of accuracy without use of cranes in narrow working space.

Model	Load capacity, Ton		Max lifting height*, м		Beam length, м
	I stage	II stage	I stage	II stage	
ПГП60/6/6 «Бабр»	60	50	4,39	6	6

\* Max. lifting height is measured from the track head to the base of the beam

\*\* If the difference between lifting / lowering or moving positions is more than 15 mm the system is being stopped and blocked automatically.

- The distance between the axes of twin lifting units is max / min, 5300/2000mm, if the upper beam of 6 m length.
- The speed of horizontal movement, no more than 7 mm /s.
- Speed of lifting / lowering under load, not more 2 mm /s.
- The maximum difference of height during lifting / lowering is 15 mm.
- Maximum difference of removing of lifting units is 15 mm.

Hydraulic gantry system includes: united system of 4 self-propelled two-stage hydraulic telescopic jacking units, 2 beams (each beam connects pair of twin jacking units), supported by tilting saddles; lifting earrings on beams; electromechanical drives for removing jacking units on special tracks; hydraulic power packs; hydraulic electric accessories; central remote control; track sections.

Emergency control panel, connected with hydraulic lifting units by electric cables with power supply from accumulator, is applied for cargo lowering in case of no-electricity, hydraulic system or control system failure.

Information display of the central remote control shows data about lifting height of each hydraulic cylinder, its





load, it warns about possible critical state.

There is light alarm during removing. Each jacking unit is equipped with the local remote control.

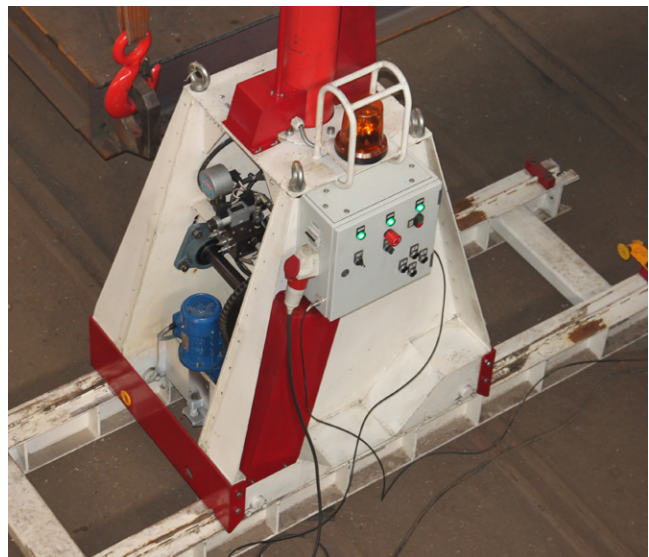
Transportation is possible in the stowed position by the automobile transport in the standard container, weight = 9,6tf. Consumed power no more than 6 kilowatt. Ambient temperature rate – 20.....+40°C.

Hydraulic gantry system is certified by certification authority of engineering products POCC RU.0001.11AF98, certificate number C-RU.AF98.B.13045.

The scope of supply includes the track sections with length 3 or 6 meters. It is possible to produce tracks by customer according to the Enerprom's drawings.

Speed of lowering/ lifting hydraulic telescopic cylinders is constant and similar at all stages. That allows to lift cargo with positioning the track gage at different levels.

\*it is possible to produce and supply the hydraulic gantry system with driven mechanisms of removing earrings.



tel.: +82-52-269-3120 fax: +82-52-269-3140  
mob. tel.: +82-10-9271-5767  
e-mail: [enerpromkorea@gmail.com](mailto:enerpromkorea@gmail.com)  
website: [www.enerprom.ru](http://www.enerprom.ru)  
358-5 Seobu-ri, Eonya-eup, Ulju-gun  
Ulsan, Korea, 689-806