

Heavy lifting Technology GANTRY SL200

**Manuel Jimenez**

Community Manager

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28522, España*Issue date:* 3th of September 2021*Author:* Jérémie M'bank | Account Manager Heavy Lifting Technology*Reference:* **99074690SFDC SL200 GRUJAR SL**

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Subject: Quotation Enerpac Hydraulic Gantry System SL200
Re: 99074690SFDC SL200 GRUJAR SL

Dear Jimenez,

Enerpac is invited to provide a commercial proposal for a new Enerpac Heavy Lifting Technology

SL 200 Hydraulic Gantry System

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We would like to thank you for your enquiry and interest in our products and we trust that we have provided you with an interesting proposal. We will contact you shortly in order to schedule a meeting to discuss our proposal. If you have any questions, please do not hesitate to contact us.

With kind regards,

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1. Features & Benefits of Enerpac Hydraulic Gantries Features

For the most demanding lifting & rigging operations

Enerpac Hydraulic gantries are a safe, efficient way to lift and position heavy loads in applications where traditional cranes cannot access. When used with skid tracks, gantry cranes also provide a means for efficiently lifting, moving and placing heavy loads.

Enerpac offers two series of hydraulic gantry systems:

the cost effective SL-Series that offers entry level control and capacity, and the heavy duty SBL-Series that offers capacities up to 1000 metric ton and 3-stage lifting capability.

All Enerpac gantries are delivered with specific properties and control systems to ensure optimum stability and safety.



Key features and benefits:

- Capacity range from 60 to 1100 ton
- Self-contained hydraulics and electrics
- Intellilift wireless control system
- Self-propelled wheels or tank rollers
- Full range of accessories: header beams, lifting lugs, side shift, skid tracks.
- Foldable boom on SBL series
- Two-stage and three-stage models
- All Enerpac gantries are delivered with specific properties and control systems to ensure optimum stability and safety.

- Gantries from stock are delivered Enerpac yellow or to order in your company's livery.

Equipment:**SL200 Hydraulic Lifting Gantry**

A) 4 nos. Lifting units (Drawing 03731.50.01.00)

The SL200 Hydraulic Lifting Gantry is a two stage telescopic gantry which consists of 4 lifting units. The SL200 is a unique gantry thanks to 3 major features:

1. Self-contained hydraulic- and electric power pack
2. Self-propelled drive system
3. Intellilift wireless control system to obtain automatic synchronization with load- and stroke indication

Specifications	SL200
Dimensions (mm)	
Transport height	2672
Retracted height	2700
1st stage lift height	4700
2nd stage lift height	6700
Operating speed	
Lifting & Lowering (vertical movement)	Approximately 10 m/h
Travelling (horizontal movement)	Approximately 20 m/h
Capacity (with 4 towers)	
1st stage (kN)	2000
2nd stage (kN)	1250
Weight (kg) per tower	2450
Power Source	3 Phase 380/480VAC 50/60Hz
Two stage hydraulic lifting cylinder	√
Side shift (electrically driven)	Option
Self-contained hydraulic and electric system	√
Skid tracks	Option
Lifting lugs	Option
Self-propelled drive system	√
Intellilift gantry wireless control system	√
Automatic lifting synchronization and overload control	√

The Intellilift wireless control system is a unique and safe control system which is included in all Enerpac hydraulic gantries. The Intellilift is a wireless remote controlled operating system with the following features:

- Constant bi-directional communication. Interference from other devices is therefore avoided.
- Automatic synchronization between all 4 units
- Load indication of total load & load indication per unit
- Stroke indication per unit to ensure automatic synchronization
- Overload alarm will appear when load is higher than SWL of gantry



SL 200 recommended accessories

B) Header beams:

We are able to supply various types of header beams. Below we offer our standard range of header beams. However, we can design special header beams, suitable for your specific project requirements (price on request).

- | | |
|-------------|---------------------------|
| - HBSL125-6 | - Header Beam (6m) set(2) |
| - HBSL125-8 | - Header Beam (8m) set(2) |



C) Fixed lifting lugs

- LL200 - lifting Anchor set of 4, capacity 500kN per Anchor

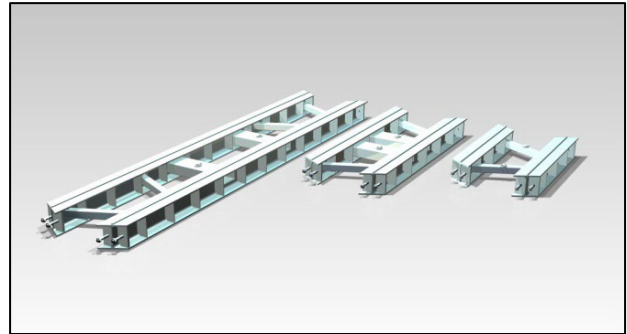
**E) Skid tracks**

- GST400-6 - 6m
- GST400-3 - 3m

Skid tracks are required to ensure:

- The stability of the gantry (when skid tracks are plumb and level)
- The load distribution over the floor, avoiding point load
- The alignment while the gantry is traveling along the skid tracks.

We can offer skid tracks in various lengths, all within the size of standard 20' or 40' containers.


**F) Side shift**






- **SSU150** (375kN / Anchor)
- **SSU300** (750kN/ Anchor)

A set consists of 4 driven lifting lugs and 2 extension bars, 4 transport frames

The movement is electrically powered and operated from the SL200's control module



Commitment To Quality **ENERPAC** 

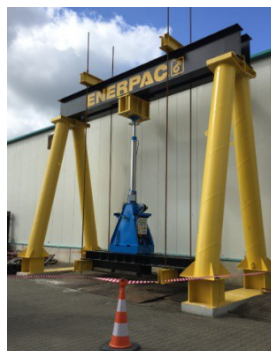
<p>Enerpac Maintenance Program</p> <p>Enerpac offers long term certification & maintenance programs</p>	 <p>Witnessed to 125% of maximum working load</p>
 <p>Actuant LEAD Continuous Improvement Methodology</p>	 <p>Manufacturers Declaration Machine Directive 2006/42/EC</p>
 <p>NEN-EN-ISO 9001:2008 registered</p>	 <p>Meets ASME B30.1-2015</p>

The system will be tested according to the Enerpac testing procedures. Additional testing may be required and will be handled as additional work.

The following items are standard included in each delivery:

1. Overload test:

The gantry (header beams, lifting lugs and side shift if purchased) will be tested by means of a functional overload test at 125% of the safe working load. The tests will be witnessed by Lloyds Register. A certificate of this test is included in the delivery.



1. Factory Acceptance Test (FAT):

A FAT test will be performed at the Enerpac factory in Hengelo, the Netherlands according to the Enerpac FAT procedure. During this FAT, the system will be tested functionally. The FAT will be performed with a load of 110% of the safe working load. The FAT test can be combined with the training schedule.



2. Compliance:
Organization: NEN-EN-ISO 9001-2008
Welding department: ISO3834-2:2005
Environmental: ISO14001:2004
3. Training:
A comprehensive 2 day instruction and training in the factory in Hengelo, the Netherlands is included.
Travelling and lodging expenses are excluded.
4. On-site support:
On-site support for installation supervision, system commissioning and application support by experienced Enerpac service technicians is available according the standard Enerpac on-site support rates.

General:

- All equipment will be painted in Enerpac yellow with exception of:
 - a. Header beams (will be painted black)
 - b. Skid tracks (will be galvanized).On request we could paint the equipment in your house style colors but may result in increased lead times.
- Documentation as part of standard delivery:
 - a. Operation & Maintenance Manual
 - b. General arrangement drawings
 - c. Hydraulic schematic and part list
 - d. Electric schematic and part list
 - e. Lloyd's certificate(s)
 - f. EC-declaration of conformity (where applicable)