



Power steering parts

# Hydraulic Testing System

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Atg Hydraulic Testing System is a easy to use strong and reliable testing machine for power steering pumps and hydraulic power steering. Using this equipment you can measure the flow of oil, working pressure inside leaking of hydraulic power steering racks and pumps. You can adjust rotation speed

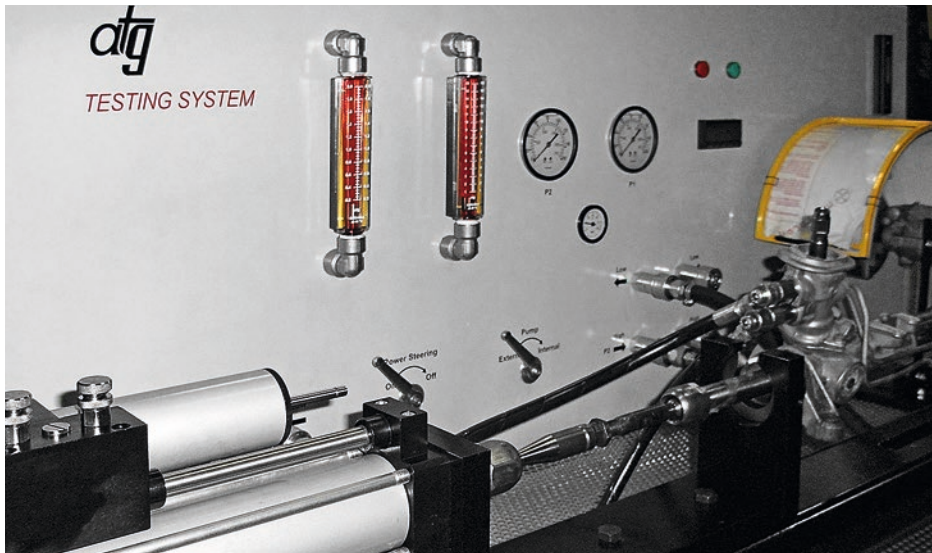
electronically, you can choose an internal hydraulic pump or an external one. On the rack you can modify the braking force so you can verify it in different working condition. In this testing system you can check pumps that have 2 pressure line, and quick hydraulic fitting let you to connect and disconnect item on test very fast.



# Main Features

- Electronic speed control, adjustable by the operator
- You can choose clockwise and counter clockwise rotation
- Flowmeter that measure the system flow of oil through pump and rack
- High precision additional flowmeter usefull to check internal leaking of hydraulic distributor
- Two pressure gauge to check pumps with 2 pressure lines
- Universal support for external pumps
- Thermometer to keep oil temperature under control
- Easy system to select items on test: Rack, External pump, Internal Pump
- Universal support for hydraulic rack, strong and fast adjustable
- Hydraulic brake easy adjustable for hydraulic rack
- Quick hydraulic fitting
- Collecting system for oil
- Oil level meter for oil tank
- Made in Europe, CE

Pump and rack on test



# Electronically controlled testing system

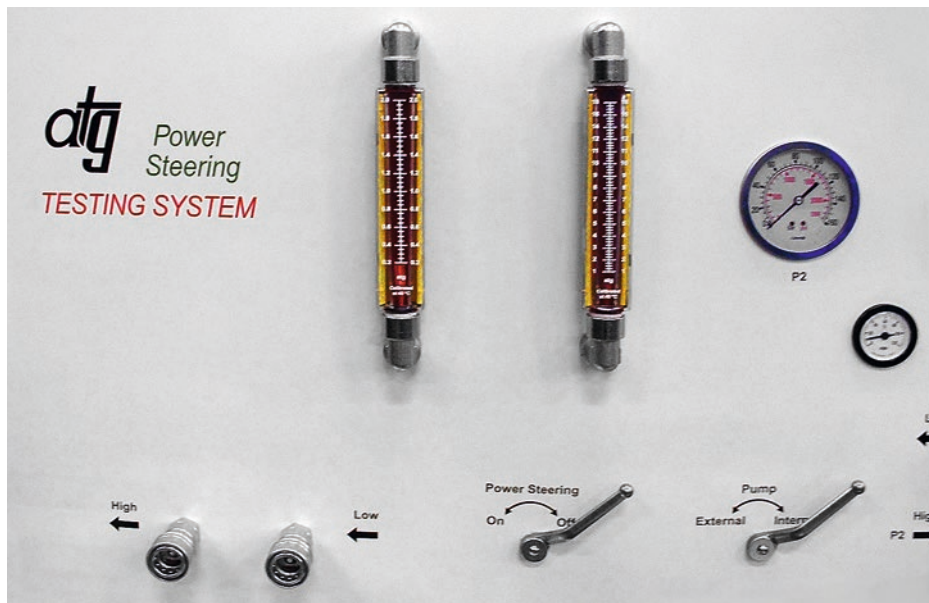
This bench let you to choose internal or external pumps, adjust turning speed and select turning direction of the chuck.

In this way you can select and let to work all kind of hydraulic power steering pumps and check them properly.

After selecting turning direction you can modify easily the speed and read it on a clear display.

Speed control system is programmed to obtain best performance form the system but user can decide to modify working parameters according to needs.

High precision flowmeter'



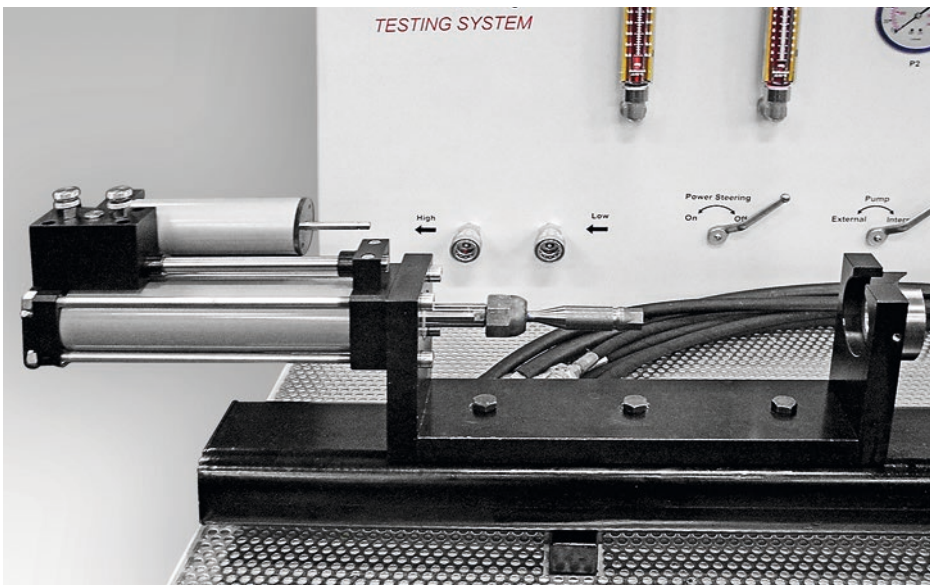
# Main control devices

- Power system on-off, emergency switch and safety guards
- Selection of rack and/or pumps under test
- Selection on internal or external pump under test
- Choosing of rotation direction
- Adjusting of rotation speed
- Adjusting of rack load in one or both directions
- Pumps load on each of pressure lines

'Control panel'



Adjustable Hydraulic brake'







# Technical Design

The design is mechanically very strong, thick steel plate laser cut, machined properly and then assembled.

The bench hold the hydraulic rack and pump in the correct way also during its maximum stroke and load.

# After sales service

After sales service is very efficient, we have in mind that customer satisfaction and quality product are

the most important points for improve business cooperation.

testing benches exhibition





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JSC "AT Hydraulic" - Kirtimu str.11, LT-02300, Vilnius, Lithuania  
Tel.: +370-659-49391 - Fax.:+370-5-2305119 - [contact@atg-components.com](mailto:contact@atg-components.com)  
[www.atg-components.com](http://www.atg-components.com)