


GS-Hydro
presents:

GS-HAMMER Flushing Unit



Powered by: **HYDROMEGA**[®]

 **GS-Hydro**

 **INTERPUMP**
FLUID SOLUTIONS IIII


GS-Hydro

Background

- Technology first developed and patented in the 90s by the owner and founder of Hydromega.
- Until recently used exclusively by Hydromega for services in Poland and Europe.
- Reworked and improved during the last 25 years, till the present, flawless design.
- Now, thanks to cooperation with GS-Hydro and Interpump group, available worldwide commercially.



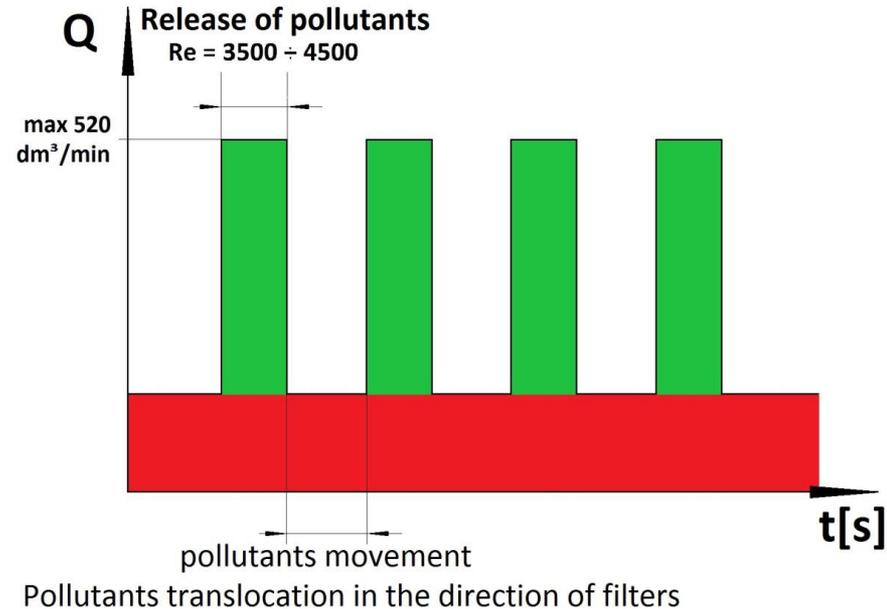
Main advantages of GS Hammer technology

- Flushing pipelines with constant-pulsatory method
- High efficiency of flushing
- High purity class of the entire pipeline
- Low power consumption
- Portable size
- **Four models, suitable for any of your needs!**



Constant-pulsatory flushing technology

- Traditional flushing requires high flow and constant pressure, which translates into size of the machine and power consumption, among other things.
- Constant-pulsatory technology does not require high flow for cleaning. Once the pressure is built, the machine temporarily accelerates flow, creating a bubble that goes through the pipeline while removing any contaminations, moving them towards filters.



Supreme efficiency

- Constant-pulsatory flushing method has proven time and again to be the fastest and most efficient way of cleaning pipelines.
- The purity class achievable through GS-Hammer can reach Class 3, according to NAS 1638.
- Depending on the type and quantity of contamination, the GS-Hammer can clean a complete pipeline even twice as fast, as the traditional method.



Low power consumption and high accessibility

- Since application of constant – pulsatory method does not require high performance motors and pumps, the energy requirements are also much less demanding, saving you money and decreasing environmental impact.
- As a consequence of smaller components, GS-Hammer Units are much more mobile than traditional flushing units, with all the models being transportable via forklift.



Applications

- Flushing of hydraulic installations:
 - ✓ land-based industries
 - ✓ marine and offshore applications
- Transfer of oil
- Pressure tests

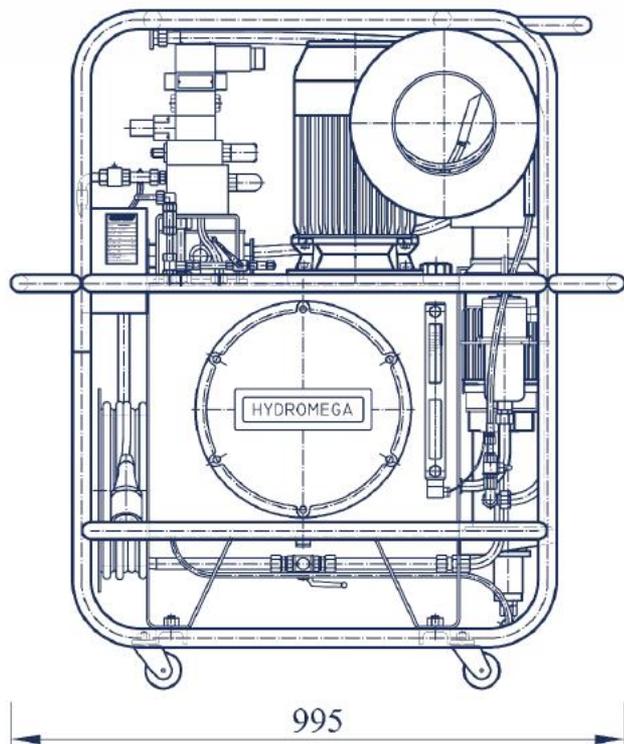


GS-HAMMER 50

Parameter	Value	
Power	5,5* [kW]	0,75** [kW]
Pressure test	25 [MPa]	
Diameters of flushed pipelines	8–22 [mm]	
Oil tank capacity	63 [dm3]	
Filtration accuracy	5–10 [μm]	
Rated voltage	3×400 [V]/50 [Hz]	
External dimensions (l/w/h)	995/465/1120	

*Power of electric main motor and pulsatory circuit pump

** Power of electric motor of by-pass circuit pump



GS-HAMMER 250

Parameter	Value	
Power	18,5* [kW]	1,1** [kW]
Pressure test	48 [MPa]	
Diameters of flushed pipelines	8–18 [mm]	20–42 [mm]
Oil tank capacity	160 [dm ³]	
Filtration accuracy	5–10 [μm]	
Rated voltage	3×400 [V]/50 [Hz]	
External dimensions (l/w/h)	1300/900/1400	

*Power of electric main motor and pulsatory circuit pump

** Power of electric motor of by-pass circuit pump



GS-HAMMER 500 – the most versatile option

Parameter	Value		
Power	7,5* [kW]	7,5** [kW]	0,55*** [kW]
Pressure test	48 [MPa]		
Diameters of flushed pipelines	8–18 [mm]	20–114 [mm]	
Oil tank capacity	250 [dm3]		
Filtration accuracy	5–10 [μ m]		
Rated voltage	3×400 [V]/50 [Hz]		
External dimensions (l/w/h)	1590/950/1665		

*Power of electric main motor

** Power of electric pulsatory circuit pump

*** Power of electric by-pass circuit pump



GS-HAMMER 1000

Parameter	Value		
Power	22* [kW]	11** [kW]	4*** [kW]
Pressure test	48 [MPa]		
Diameters of flushed pipelines	8–18 [mm]	20–100 [mm]	100-168 [mm]
Oil tank capacity	600 [dm3]		
Filtration accuracy	5–10 [μm]		
Rated voltage	3×400 [V]/50 [Hz]		
External dimensions (l/w/h)	2120/1370/1840		

* Power of electric main motor

** Power of electric pulsatory circuit pump

*** Power of electric by-pass circuit pump





**The best flushing technology
now available to you!**

Contact us at:

GS-Hydro Sp. z o.o.

ul. Gołębka 11

81-185 Gdynia

Tel.: +48 58 78 202 20/21

Fax: +48 58 78 202 22

e-mail: sekretariat@gshydro.com

<http://www.gshydro.com/pl>

Sales:

handlowy@gshydro.com

Projects and services:

krzysztof.bychowski@gshydro.com

