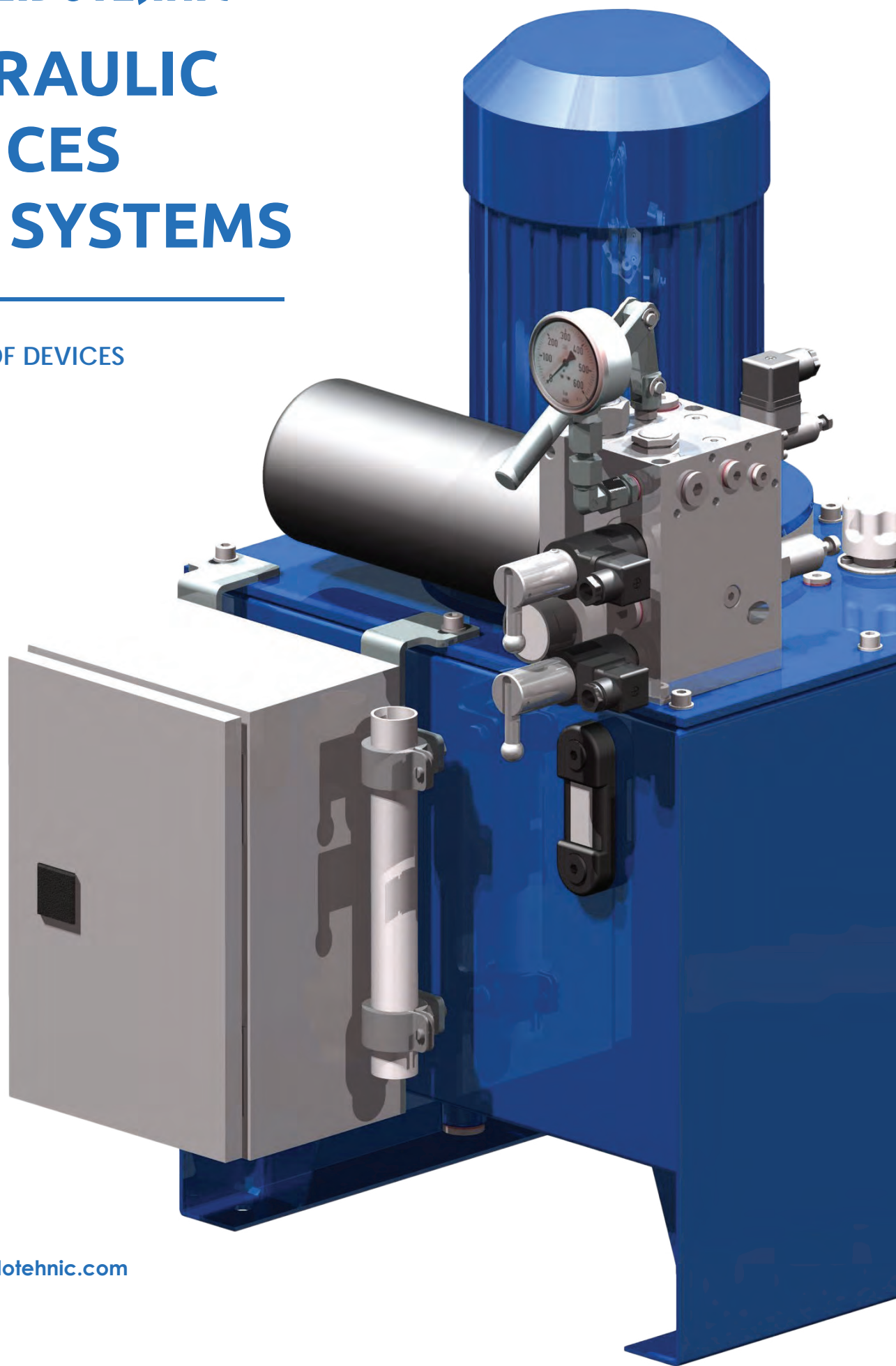


# HYDRAULIC DEVICES AND SYSTEMS

CATALOG OF DEVICES





- FLUIDOTEHNIC's production program is based on its own development. Thanks to that, all the products are the result of the engineering staff work, as well as the quality and skilled workers in manufacturing and installation. Each serial product during the conquest passes through the phase of prototype development, functional tests and check in real operating conditions. Following step is removal of all possible defects and then, based on that, test series is produced. This is how we achieve high quality of manufactured devices. In case of the individual production, after the functional testing, we deliver the product to the customer.
- Since its foundation FLUIDOTEHNIC Ltd. has been continuously investing both in the expansion of commercial building and the purchase of modern equipment for the production, control and techno-economic support. It is located in the industrial zone of Vrnjacka Banja, on a lot size ~ 2ha. It consists several buildings, connected into a functional whole area of 4000 m2. The whole complex is adjusted to the environment- we are taking good care of health, work safety and environmental protection.





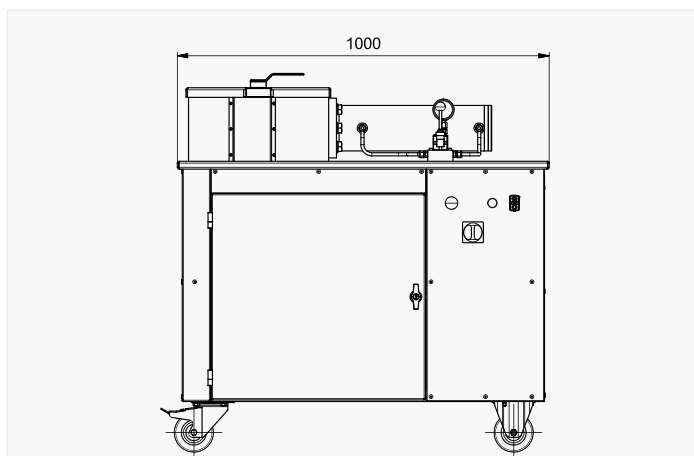
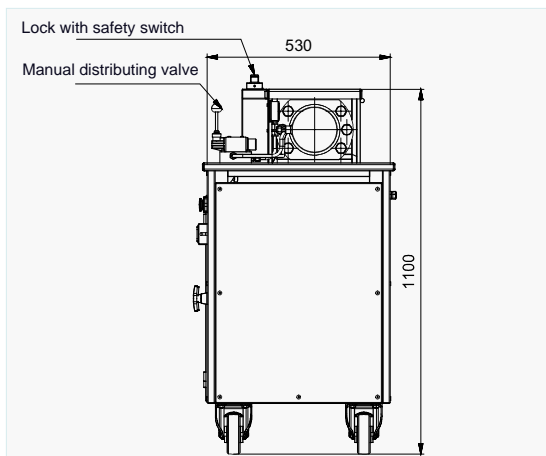
- Market research, device development, technical assistance and personnel training free of charge for all our customers is the main task of this service. Many years of experience in the development tasks of hydraulics, pneumatics and lubrication techniques, as well as the latest computer technology guarantee that our customers will get the optimum technical solution. During the development, every device passes precisely defined procedure, starting from making the design concept, followed by manufacturing and testing prototypes and going into production.
- It consists of several facilities and departments: foundry of non-ferrous metals, mechanical drive, locksmith department, installation and technical control. All operations from the casting to the final machining are performed with the universal and software machines. Control and assembly is 100%. When the assembly is finished, each device is being tested on the test stand and on the basis of the results it gets the appropriate certificates and guarantees. On each call of the user, service teams come in as soon as possible, with spare parts and the necessary tools, regardless of whether the equipment is in warranty or out of warranty period.



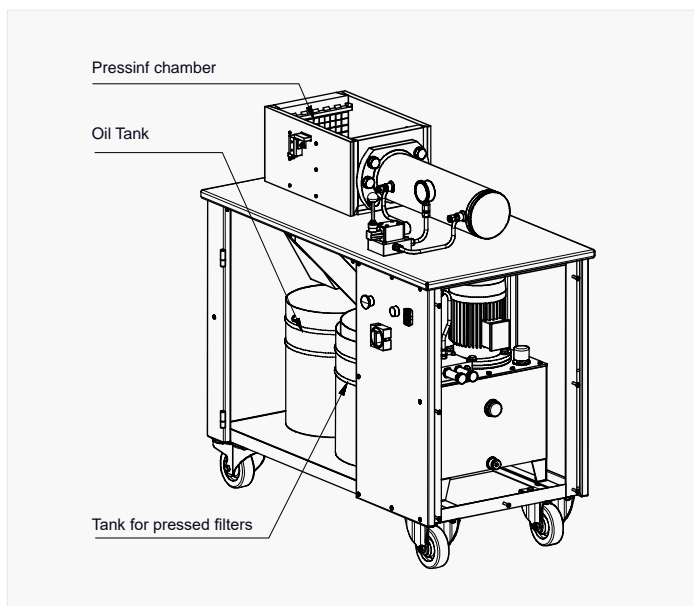
## HYDRAULIC PRESS (FOR OIL FILTERS)



Hydraulic press 90-2550 is applied for the recycling of used and worn-out cartridges and oil-filters, motor vehicles, mining and construction machines. In each filter, depending on the size and type, remain 0,5 to 3 lit. of used oil. Press separates the remaining oil from the filter and ensures environmental protection in accordance with the requirements of ISO 14001. The oil was separated by pressing in one vessel, the pressed filters in the second and thus hazardous waste is separated from non-hazardous waste. Depending on the filter size, in one cycle can be crimped one to two filters. Crimping chamber is closed and secured with a safety lock. The maximum capacity of the press is 40 to 120 filters/working hour. The presses of various dimensions, capacity and automation level are available on customer request.



Ordering code	90 - 2550	
Crimping force	20.000 daN	
Dimensions of compress. chamber	170x250x300 mm	
Piston stroke	300 mm	
Rapid stroke	800 mm/min	
Slow stroke	200 mm/min	
Pressure at rapid stroke	50 bar	
Pressure at slow stroke	160 bar	
Fluid - mineral oil	Hidrol HD46	
Temperature range	-10 ; +50 °C	
Electric motor	Power	1,5 kW
	Voltage	400 V/50 Hz
	rpm	1370 rpm
Max. capacity	40 ; 120 filters/h	
Mass	325 kg	







SERBIA  
36210 VRNJACKA BANJA  
Rudjinci 175/A  
tel/fax: +381-36-631-710  
E-mail: office@fluidotehnic.com  
Web: www.fluidotehnic.com

Matični broj: 06568939  
Šifra delatnosti: 2822  
PIB: 100918689  
Reg. broj: 11506568939  
Br. Reg. Upisa: 1-14429-00



## EC DECLARATION OF CONFORMITY / DECLARATION ON INSTALLATION

### DEKLARACIJA O USAGLAŠENOSTI / DEKLARACIJA O UGRADNJI

#### We hereby declare that the following products

Izjavljujemo da su sledeći uređaji

**Hydraulic cylinders** (Hidraulički cilindri)

**Hand pumps** (Ručne pumpe)

**Actuators** (Aktuatori)

**Hydraulic presses** (Hidraulične prese)

**Change-over valves** (Hidraulički razvodnici)

**Electric driven change-over valve** (Elektromotorni razvodnici)

**Pressure and flow valves** (Ventili pritiska i protoka)

#### Are designed and produced in accordance with the safety requirements according to the following regulations:

Projektovani i proizvedeni u skladu sa bezbednosnim zahtevima prema sledećim propisima:

**Machinery Directive EC/2006/42**  
(Mašinska direktiva EC/2006/42)

**Low voltage directive EC/2014/35**  
(Niskonaponska direktiva EC/2014/35)

**in accordance with the following standards:**  
i u skladu sa sledećim standardima:

**Safety of machinery - General principles for design**

- **Risk assessment and risk reduction EN ISO 12100:2010**

Bezbednost mašina - Opšti principi za projektovanje

- Ocena rizika i smanjenje rizika SRPS ISO 12100:2014

**Safety of machinery - Electrical equipment of machines - Part 1: EN 60204-1:2016**

Bezbednost mašina - Električna oprema mašina - Deo 1: EN 60204-1:2016

#### Declaration on installation in the sense of EC Machinery Directive (2006/42/EC) Annex II B

Izjava o ugradnji u skladu sa EC Mašinskom direktivom (2006/42/EC) Anex II B

**Product of "FLUIDOTEHNIC" assemble into mechanical devices and equipment. Start-up is not admissible unless it has been verified that the whole equipment, meets the requirements defined in the EC machinery Directive (2006/42/EC)**

Proizvod "FLUIDOTEHNIC"-a se ugrađuje u drugu opremu i dodatne uređaje. Pokretanje nije dozvoljeno sve dok i relevantna oprema u koju se ugrađuju ne bude u skladu sa Mašinskom direktivom (2006/42/EC)

**The manufacturer undertakes to supply the relevant information of incomplete machine on request to responsible inspector by electronic way. Technical documents of the machine is prepared in accordance with Annex VII, part B Machinery Directive (2006/42/EC)**

Proizvođač se obavezuje da će elektronskim putem dostaviti odgovarajuće podatke o delimično završenoj mašini nadležnom inspektoru na njegov zahtev. Tehnička dokumentacija je izrađena u skladu sa Anexom 7, deo B Mašinske direktive.

Vrnjačka Banja, 01/02/2017 godine



Šljivić Miroslav, General Manager

The EC Declaration of Conformity is only valid in conjunction with confirmation that the device has been correctly applied, installed, inspected and maintained according to the operating instructions provided. The validity of the declaration will cease in case of any modification and/or supplement not previously approved by "FLUIDOTEHNIC".

Ova deklaracija o usaglašenosti važi samo u slučaju da je uređaj pravilno ugrađen, iskontrolisan i da se koristi i održava u skladu sa uputstvom za rukovanje i održavanje. Važenje izjave prestaje u slučaju bilo kakve modifikacije ili dodatka koji nisu prethodno odobreni od "FLUIDOTEHNIC"-a.



Fluidotehnic d.o.o.  
Serbia  
36210 Vrnjacka Banja  
Rudjinci 175/A  
Tel: +381-(0)36-631-710  
+381-(0)36-631-711  
Fax: +381-(0)36-631-712  
[www.fluidotehnic.com](http://www.fluidotehnic.com)  
[office@fluidotehnic.com](mailto:office@fluidotehnic.com)