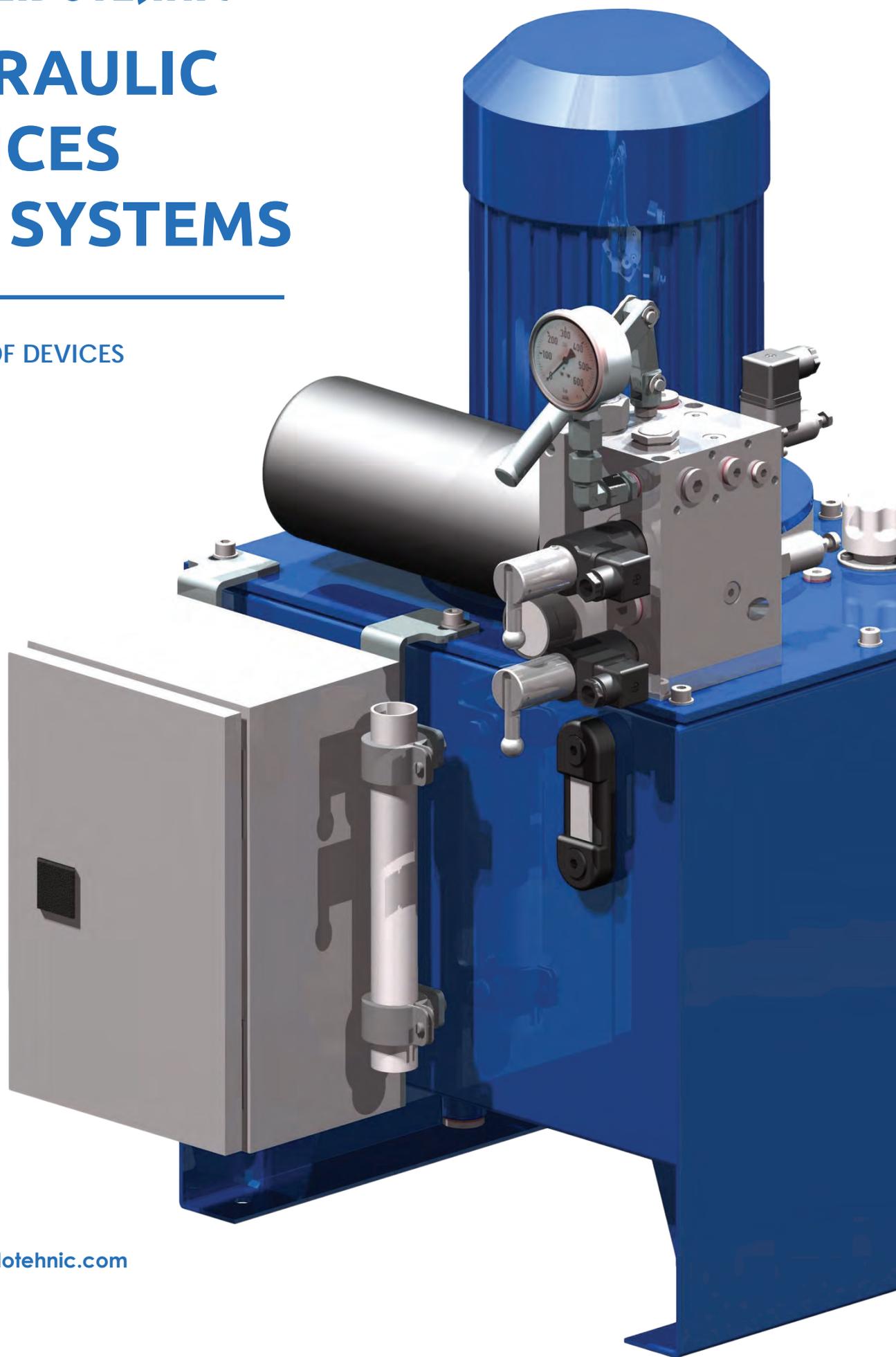


FT FLUIDOTEHNIC

HYDRAULIC DEVICES AND SYSTEMS

CATALOG OF DEVICES



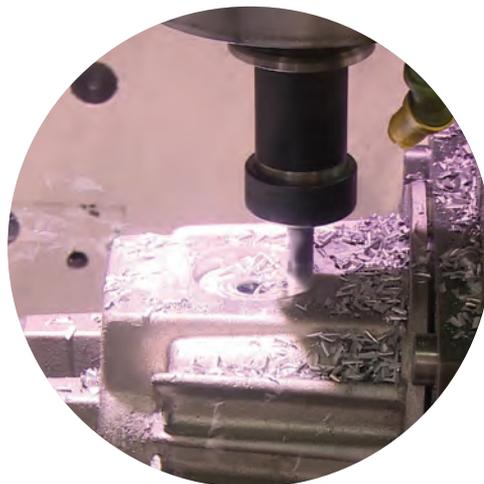
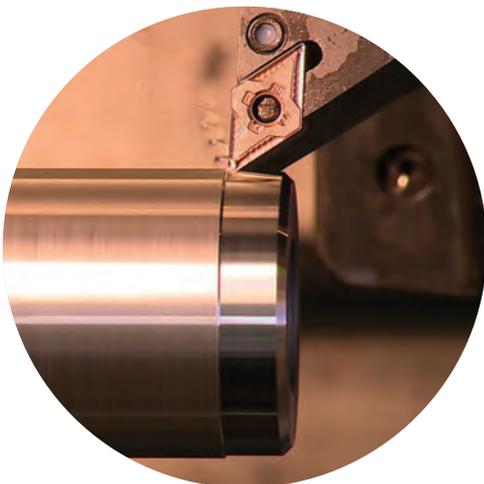


- FLUIDOTEHNIC's production program is based on its own development. Thanks to that, all the products are the result of the engineering staff work, as well as the quality and skilled workers in manufacturing and installation. Each serial product during the conquest passes through the phase of prototype 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.





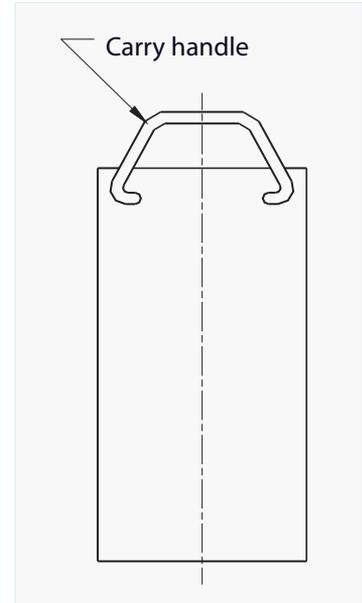
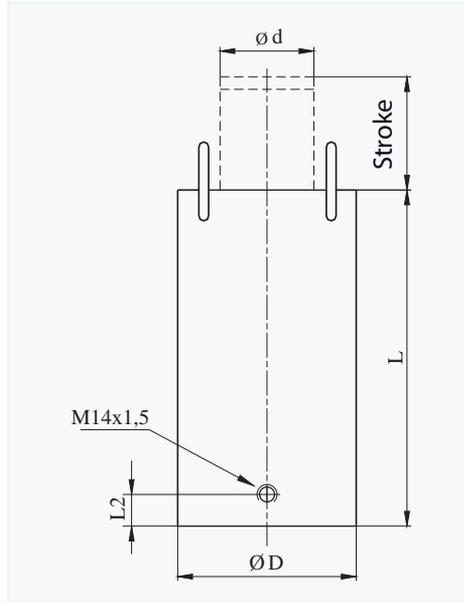
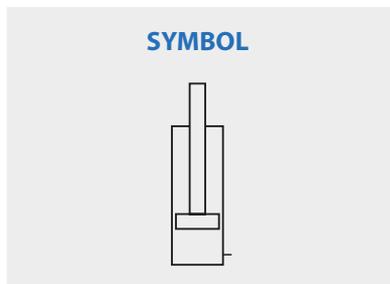
- Market research, device development, technical assistance and personnel training free of charge for all our customers is the main task of this service. Many years of experience in the development tasks of hydraulics, pneumatics and lubrication techniques, as well as the latest computer technology guarantee 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.



SINGLE ACTING LIFTING CYLINDERS



It is applied for cargo lifting. Robust design, high precisely part treatment, high quality seals provide long time exploitation of the cylinder. Rejecting movement of the cylinder is achieved by means of the external force (load). Various values of the load capacity and strokes are available on customer request.



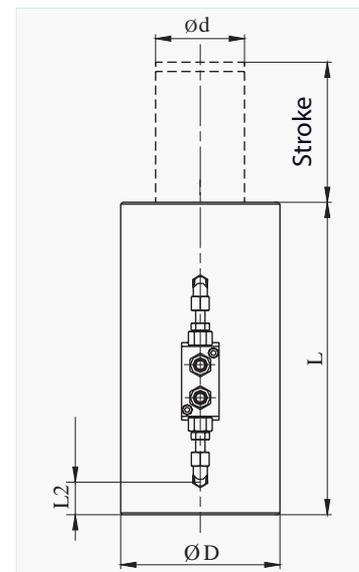
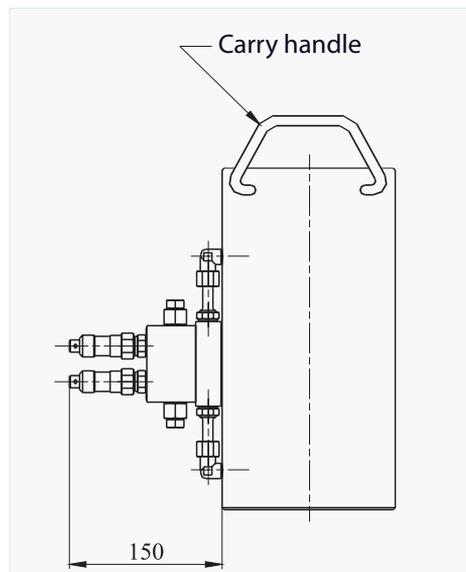
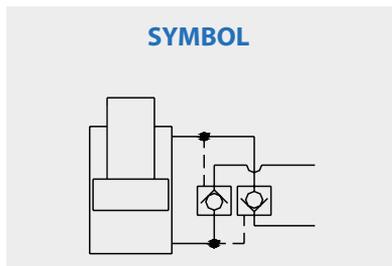
Type	Load capacity (daN)	Stroke	D	d	L	L2	Mass (kg)
JC 6/65	6.300	65	60	30	140	30	3,4
JC 10/65	9.800	65	70	40	185	30	5,6
JC 16/65	15.600	65	85	45	197	30	8,7
JC 25/65	25.100	65	110	45	235	40	15,1
JC 25/100	25.100	100	110	50	270	40	17,9
JC 40/65	39.200	65	135	75	245	40	23,6
JC 40/100	39.200	100	135	75	280	40	25,2
JC 60/65	61.300	65	155	85	250	40	37,2
JC 60/150	61.300	150	155	85	335	40	41,3
JC 80/65	76.900	65	165	95	255	40	38,3
JC 80/150	76.900	150	165	95	340	40	39,7
JC 100/65	100.500	65	195	105	255	40	48,5
JC 100/200	100.500	200	195	105	390	40	66,2
JC 160/100	157.000	100	240	145	290	50	86,7
JC 200/100	198.700	100	270	175	300	50	98,8
JC 250/100	245.300	100	300	200	312	50	125

Fluid	Mineral oil	
	Viscosity	20 to 400 mm ² /s
Temperature	-20 to +80 °C	
Max working pressure	500 bar	
Piston speed	max 0,01 m/s	
Load direction	along the axis of cylinder	

DOUBLE ACTING LIFTING CYLINDERS



It is applied for cargo lifting. Robust design, high precisely part treatment, high quality seals provide long time exploitation of the cylinder. Rejecting movement of the cylinder is achieved by means of the external force (load). Various values of the load capacity and strokes are available on customer request.



Type	Load capacity	Stroke	D	d	L	L2	Mass
	(daN)						
DC 25/65	25.100	65	110	45	235	40	17,6
DC 25/100	25.100	100	110	50	270	40	20,4
DC 40/65	39.200	65	135	75	245	40	26,1
DC 40/100	39.200	100	135	75	280	40	27,7
DC 60/65	61.300	65	155	85	250	40	39,7
DC 60/150	61.300	150	155	85	335	40	43,8
DC 80/65	76.900	65	165	95	255	40	42,1
DC 80/150	76.900	150	165	95	340	40	43,4
DC 100/65	100.500	65	195	105	255	40	52,2
DC 100/200	100.500	200	195	105	390	40	69,9
DC 160/100	157.000	100	240	145	290	50	90,4
DC 200/100	198.700	100	270	175	300	50	102,5
DC 250/100	245.300	100	300	200	312	50	128,7

Fluid	Mineral oil	
	Viscosity	20 to 400 mm ² /s
Temperature	-20 to +80 °C	
Max working pressure	500 bar	
Piston speed	max 0,01 m/s	
Load direction	along the axis of cylinder	



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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



Šjivić 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.

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