



HidroPnevmotehnika

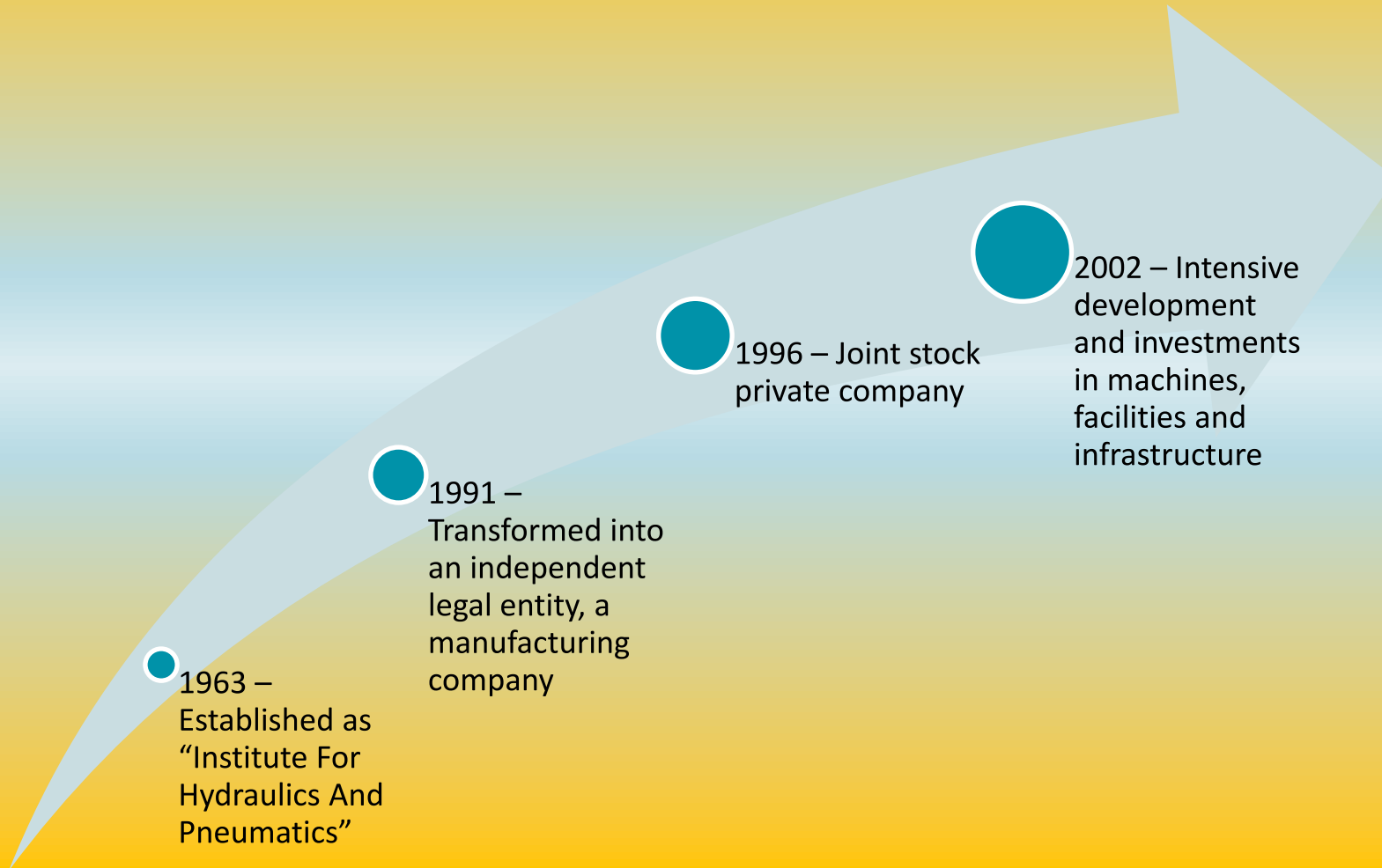
Hydraulic components and
systems

All our customers are important!

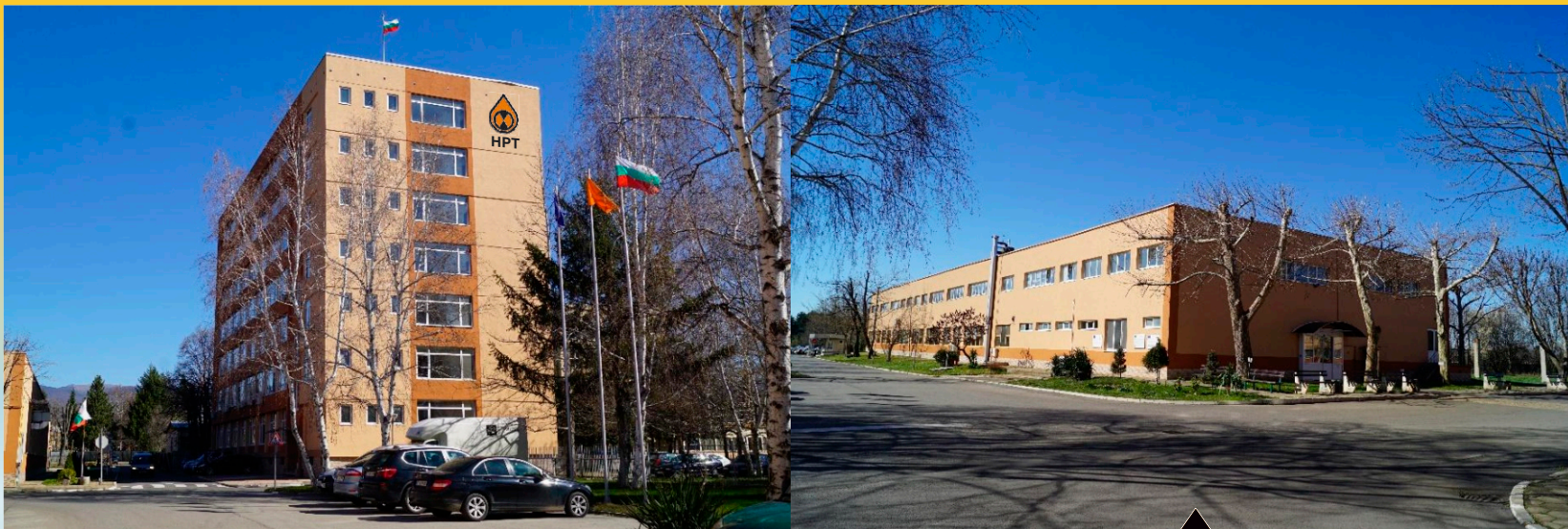
Company data

- “HIDROPNEVMOTEHNIKA” AD was established in 1963 as an Institute For Hydraulics And Pneumatics. Its activities as a manufacture company have started in 1991.
- Independent legal entity - since 1991. Joint stock company - since 1996. Contemporary intensive development – since 2002.
- The company is situated on a 28 000 m² site. It possesses a good base for the design, construction, manufacture and test of hydraulic items and systems and is equipped with machines, facilities and stands, which provide for the full production cycle, including the application of electrochemical, anticorrosion coatings.
- The company has it own Testing Laboratory, in which a wide range of hydraulic items are tested, analyzed and repaired.
- “HIDROPNEVMOTEHNIKA” AD has 107 employees – engineers, workers and experts with a long term experience and good qualifications.
- Over 35% of the company sales are a direct export and together with the indirect export the total share of sales outside Bulgaria is over 95%. Our business partners are companies from all over Europe, from Russia, India, Israel, Turkey and South America.

Company Timeline



Pictures from the company site



Pictures from the company site

The company keeps in stock the commonly used materials needed for the manufacture, providing a several months reserve. This favors good flexibility and adaptability in accepting and managing the orders of the customers.



Billet department with a robotic duplex milling machine, providing high precision in machining the billets.

CNC processing machines



The main CNC processing machines are lathe turning machines and machining centers of OKUMA, TRAUB, JIN-FA, HAAS



CNC grinding machines

Department for center and centerless grinding, including CNC grinding machines of STUDER and E-TECH. Honing machines.



Measurement

Laboratory for precise measurement of manifolds, spools and valves



Hydraulic testing

The laboratory for hydraulic testing is separated into two sectors. One is for the commonly manufactured items. The other is for testing of many specific kinds of hydraulic items, including proportional valves, regulated pumps and hydraulic motors working with flows up to 250 l/min and pressure up to 350 bar.



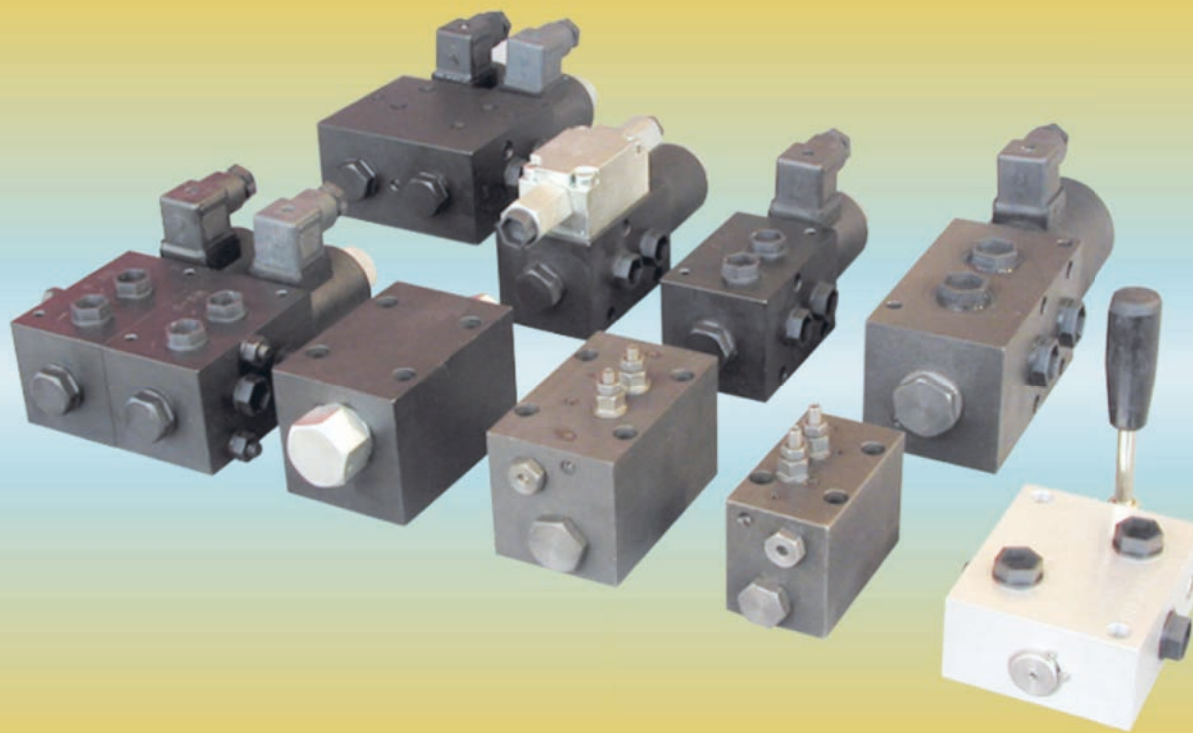
Main groups of produced items

- DIRECTIONAL CONTROL VALVES
- FLOW CONTROL VALVES
- OVERCENTER, RELIEF, CHECK AND OTHER VALVES
- HYDRAULIC MOTORS CONTROL BLOCKS
- POWER PACKS WITH UNIQUE CHARACTERISTICS
- FLOW AMPLIFIERS FOR HEAVY MACHINES
- HYDRAULIC DRIVEN BOOSTERS
- HYDRAULIC ITEMS AND SYSTEMS DESIGNED OUT OF THE REQUIREMENTS OR/AND SAMPLES OF THE CUSTOMERS



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Hydraulic Components and Hydraulic Power Packs



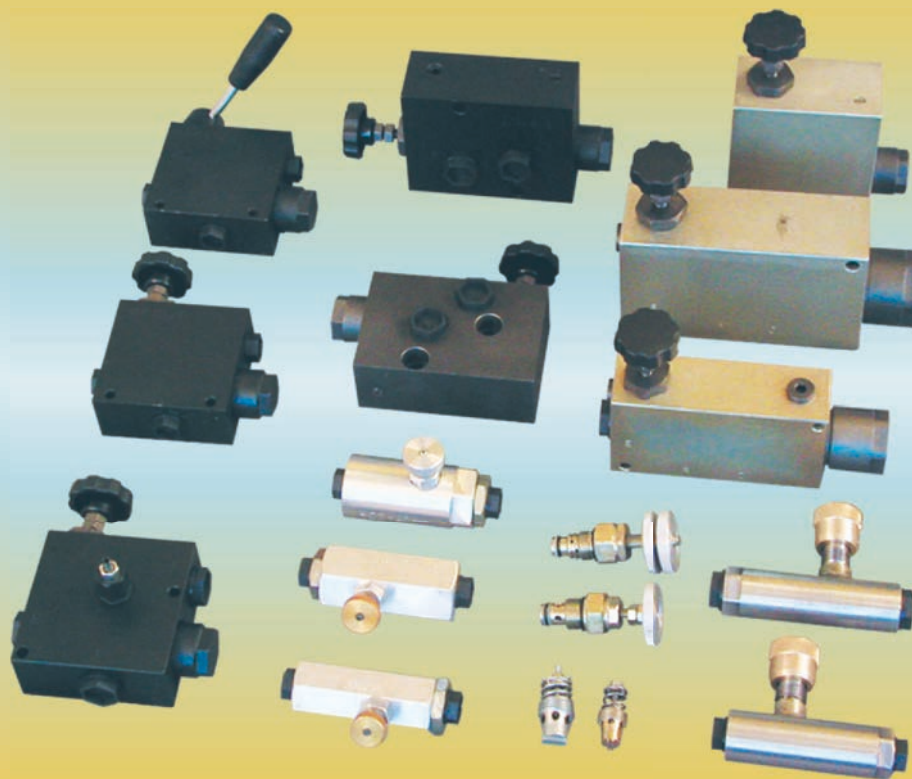
Used in
boom lifts,
agricultural
machines

directional control valves



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Hydraulic Components and Hydraulic Power Packs



Used in hydraulic systems with general application, in agricultural machines, in garbage collection machines, in forestry and logging machines, in boats manufacturing.

flow control valves



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Hydraulic Components and Hydraulic Power Packs



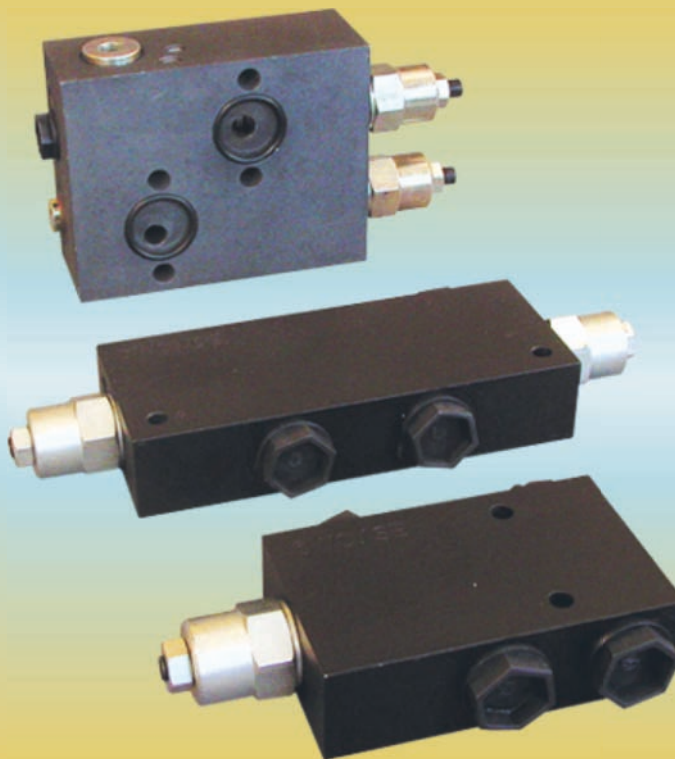
Used in all the hydraulic systems where a pressure limitation is required

relief valves



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Hydraulic Components and Hydraulic Power Packs



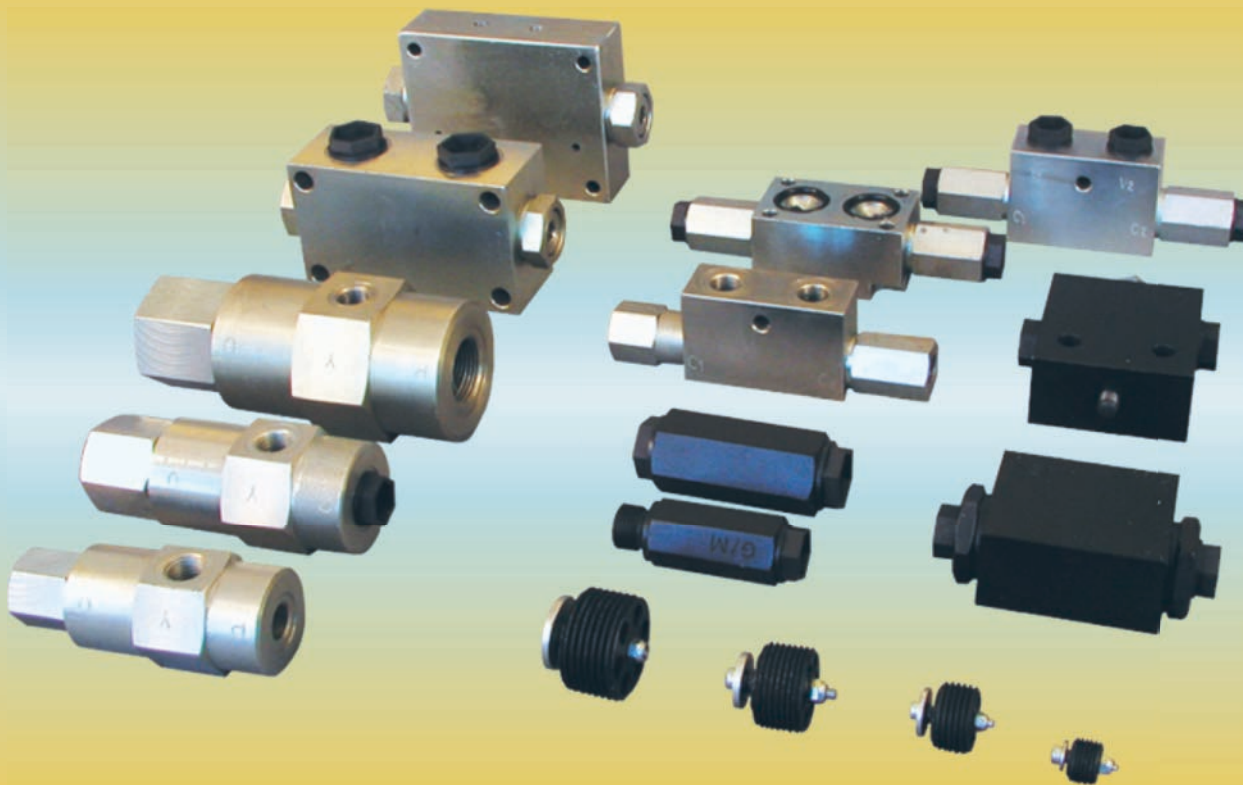
Used in boom lifts,
auto cranes,
excavators,
hydraulic winches,
hydraulic lifting
equipment.

overcenter valves



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Hydraulic Components and Hydraulic Power Packs



Used in
hydraulic
systems with
general
application,
boom lifts,
auto cranes,
excavators,
tractors,
agricultural
machines

check valves

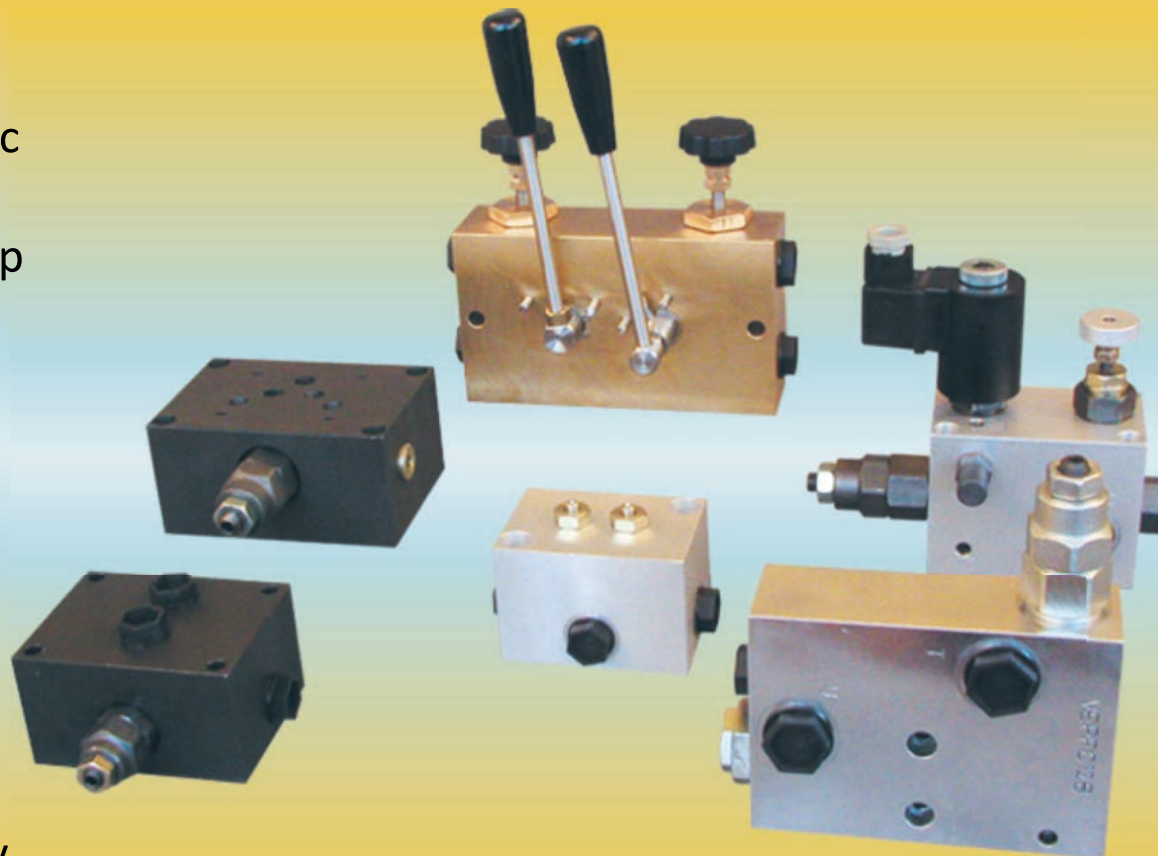
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Hydraulic Components and Hydraulic Power Packs

We produce specialized hydraulic blocks working mainly with flows up to 150 l/min, with integrated own valves and modular hydraulic items, These blocks are widely applied in power press machines, tractors, agricultural machines and many more.

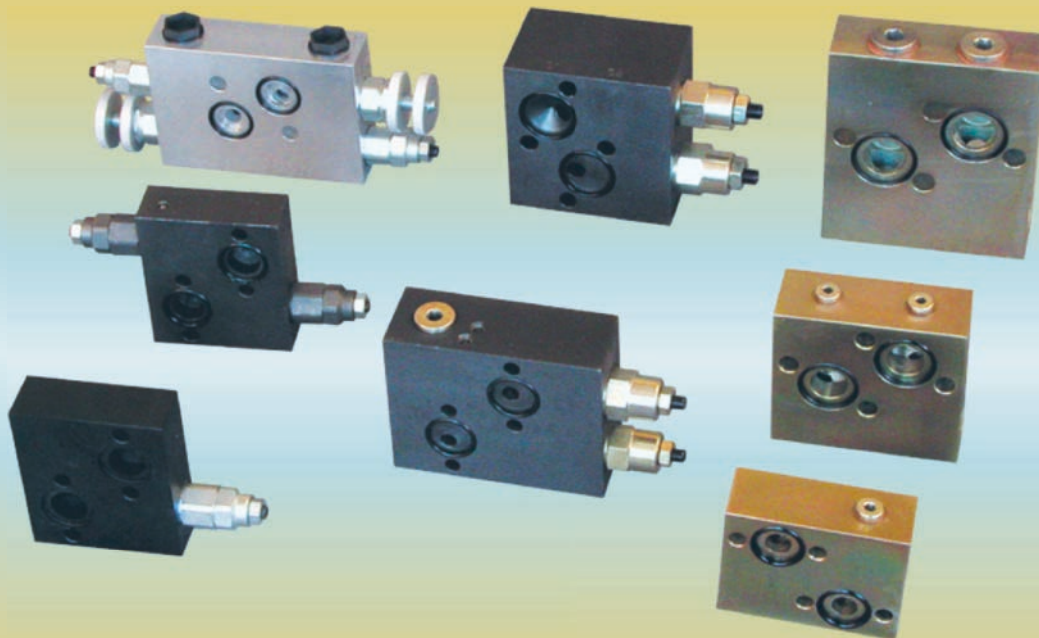


hydraulic blocks



HidroPnevmotehnika

Hydraulic Components and Hydraulic Power Packs



Used in
hydraulic
systems with
general
application,
boom lifts,
auto cranes,
excavators,
tractors,
agricultural
machines

hydraulic motor blocks type BV



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Hydraulic Components and Hydraulic Power Packs



hydraulic motor blocks
type BD

Hydraulic driven boosters

Designated for a substantial increase of the pressure up to 5000 bar.

Used in power press machines, punching machines, powder metallurgy.

We have produced also hydraulic driven boosters for oil-gas for a pressure increase up to 2000 bar, but they have not been certified.



QMS Certificate

Certificate	
Standard	ISO 9001:2015
Certificate Registr. No.	01 100 2020116
TÜV RHEINLAND-BULGARIA EOOD certifies:	
Certificate Holder	HIDROPNEVMOTEHNIKA AD BG-6100 Kazanlak 3, Vozheli Str. Bulgaria
Scope	Design, development, production, diagnostics and repair of hydraulic and pneumatic items and systems.
Proof has been furnished by means of an audit that the requirements of ISO 9001:2015 are met.	
Validity	The certificate is valid from 04.12.2020 until 03.12.2023. First certification: 2006
26.11.2020	
TÜV RHEINLAND-BULGARIA EOOD 1113 Sofia, Sak Drazhin Tsankov Blvd.	
	
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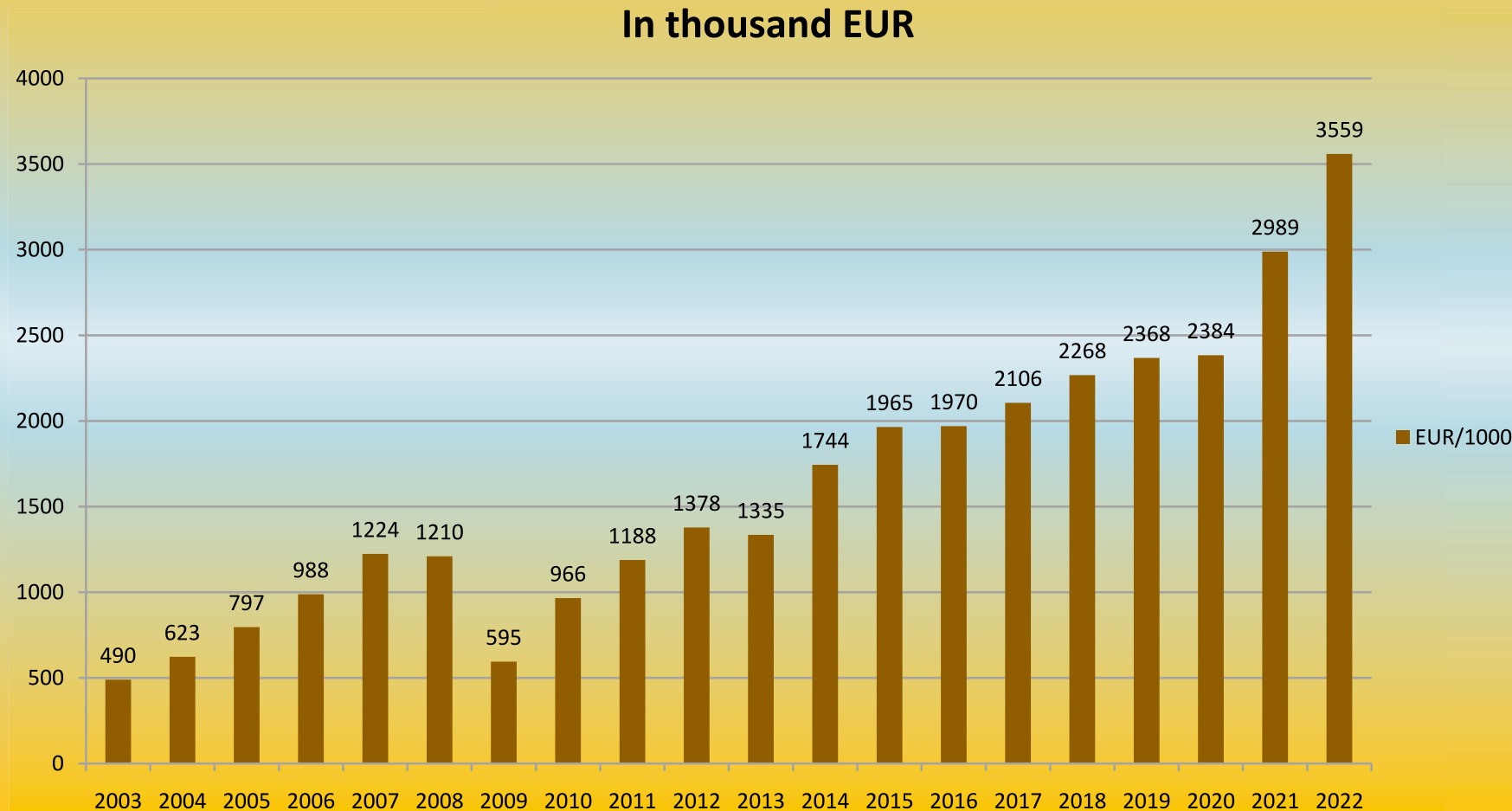
The production of the items

- Software for 3D design
- Contemporary CNC processing machines
- ERP-system operative since 2011
- Zn and Phosphate coating section
- Machine for measurement and adjustment of the instruments outside the machines

Quality management

- Quality Management System based on ISO 9001 operative since 2006
- Quality management on each stage of production
- Input inspection of all the supplied material
- Management of the technical documentation
- Company testing laboratory where the finished items are tested at 100%

Sales of goods and services

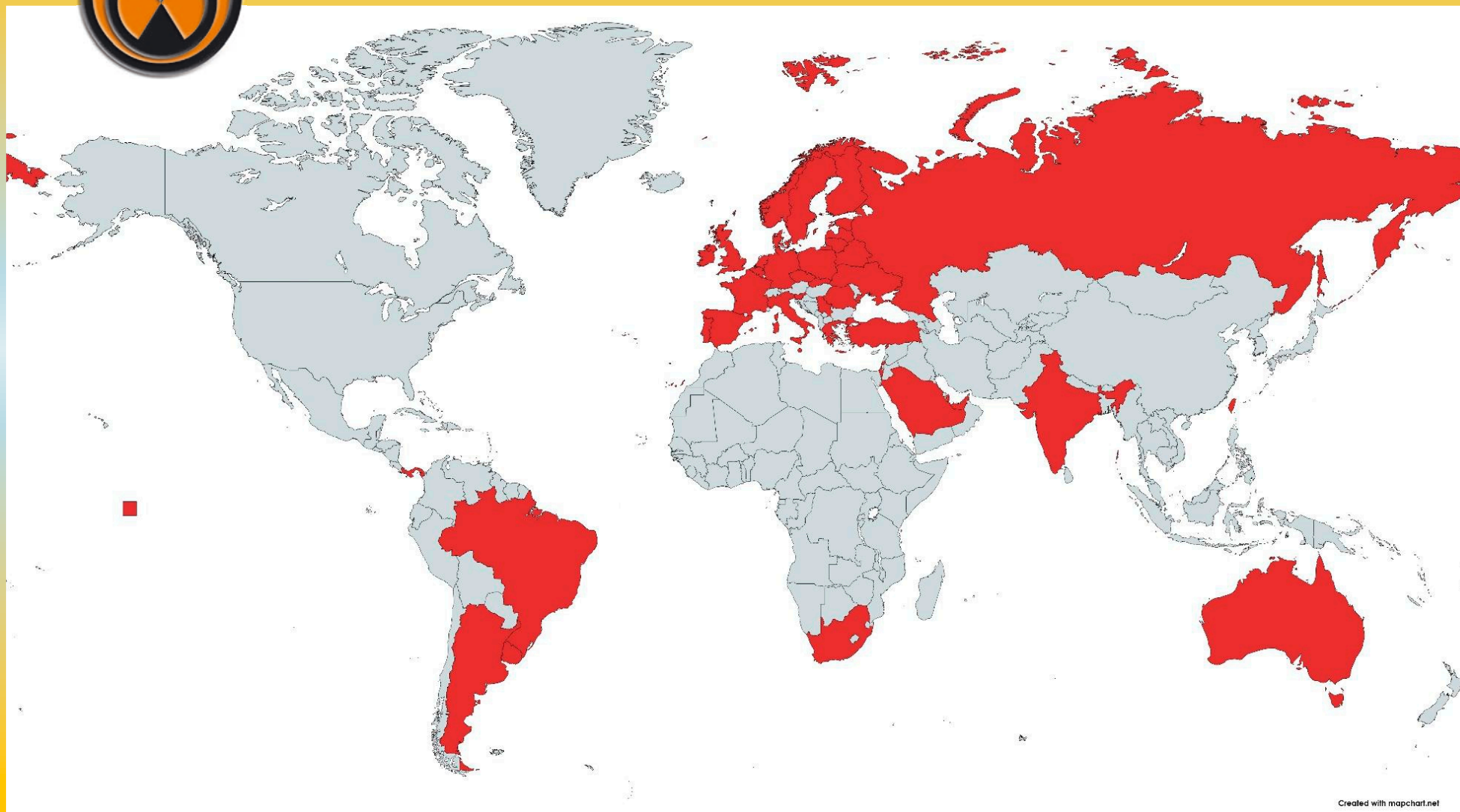


Countries of our customers

- Argentina
- Austria
- Belgium
- Brazil
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece
- India
- Ireland
- Israel
- Italy
- Latvia
- Lithuania
- Malta
- Netherlands
- Norway
- Panama
- Poland
- Portugal
- Qatar
- Romania
- Russia
- Saudi Arabia
- Serbia
- Slovakia
- Slovenia
- South Africa
- Spain
- Sweden
- Taiwan
- Turkey
- Ukraine
- United Arab Emirates
- United Kingdom
- Uruguay



HidroPnevmotehnika





HPT

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