




B&P
Hydraulic Press

Concentrated on
PRESSING



BP
GROUP

www.bphydraulicpress.com



B&P HYDRAULIC PRESS is a Polish company specialized in the designing and manufacturing of various types of non-serial machines (mainly **hydraulic presses**) according to individual needs and requirements of the customer.

We also offer comprehensive solutions in the range of modern processing lines enabling automation and optimization of production processes.

We have over 30 years experience in the range of machines manufacturing and we can boast of the fact that our machines work all over the world among others in USA, India, Great Britain, France, Croatia, Switzerland.

B&P Hydraulic Press is also a member of the B&P Group which gives us a possibility to carry out the wide range of projects.



The B&P Group is involved in comprehensive project implementation. As part of the project, the B&P Group produces the equipment, delivers it to the site and makes accompanying technological facilities and electrical and pneumatic systems.

The B&P Group specializes in manufacturing the following equipment:

- ▶ machines for producing juices and concentrates;
- ▶ stainless steel tanks;
- ▶ C-frame, H-frame, 4-column hydraulic presses;
- ▶ machines built on the basis of received documentation, applicable in many branches of industry.

The advantages of cooperating with the B&P Group:

- 1 Simple project management.** The project will be led from the beginning to the end by one experienced project manager.
- 2 Speed of response and flexibility.** The work is carried out within a single ownership structure, which guarantees a quick response from the specialists in situations that require it and allows for great flexibility during the cooperation.
- 3 Competitive prices.** The synergy effect of the complementary offer of the companies in the B&P Group is beneficial to our client, who receives an attractive price and comprehensive and professional service.



Speed of response and flexibility

Simple project management

Competitive prices



OFFER

We specialize in designing and manufacturing presses based on individual needs and requirements of the customer. **We offer hydraulic, pneumatic and electric presses (with electro-mechanical cylinder) of various types: C-frame, H-frame, 4-column and special presses with pressure forces from 10T to 3000T.**

Moreover, we provide comprehensive solutions in the design and execution of modern technological lines and stations enabling automation and optimization of production processes.



SERVICE

We can carry out overhauls and modernization after transporting machines to our plant where we have specialists and the necessary technical facilities to do them.

In special cases, we perform them at the customer's location.

Repair services related to the maintenance and improvement of the technical condition of hydraulic presses and other machines such as:

- ▶ repairs and overhauls of hydraulic presses;
- ▶ repairs and overhauls of machines and equipment produced by our company and other manufacturers.

Modernization services related to the increase of their performance parameters and functionality and adaptation to the latest technical solutions and adaptation of machines to the latest safety requirements, such as:

- ▶ modernization of hydraulic presses;
- ▶ modernization of machines and equipment produced by our company and other manufacturers.

We specialize in designing and manufacturing of hydraulic presses according to individual needs and requirements of the customer. We offer customized solutions in the range of press parameters, its functions and equipment. Our machines are applicable in practically every branch of industry in any technological process in which take place operations such as pressing, punching, stamping, drawing, pressing in, calibration, forming, bending, etc.

C-FRAME HYDRAULIC PRESSES



4-COLUMN HYDRAULIC PRESSES



H-FRAME HYDRAULIC PRESSES



PRESSES WITH ELECTROMECHANICAL CYLINDERS

Those presses are equipped with electromechanical cylinders, whose main components are high-precision ball screw or planetary assemblies driven by servo-motors.

Presses with electro-mechanical cylinders can be also called as „electric presses” or presses with linear electric drives or presses with servo drives. Main advantages of those presses are:

- ▶ energy-saving (significantly less electricity consumption compared to hydraulic presses);
- ▶ silent (low noise level);
- ▶ precise (positioning with the accuracy of several micrometres);
- ▶ possibility of programming press operating recipes according to customer requirements.



FULL CUSTOMER SUPPORT:

We carry out projects comprehensively, from the identification of needs and preparation of offers that meet customer requirements, through the design and production of presses, to the delivery combined with assembly, installation and commissioning.

We ensure a warranty service and aftersales service for each of our machines. For every machine designed and manufactured by our company we issue an EC Declaration of Conformity – a document confirming compliance with the New Approach directives (e.g. machine directive MD 2006/42 / EC) allowing the manufacturer to affix the CE marking.



AUTOMATION AND ROBOTIZATION OF TECHNOLOGICAL PROCESSES

B&P Hydraulic Press also offers comprehensive solutions for automation and robotization of processing lines leading to optimization of production processes. In our applications, we use only components of the highest quality from reputable manufacturers, such as SIEMENS, MITSUBISHI, KAWASAKI, SICK, KEYENCE, BALLUFF, SMC, EATON, LEUZE, etc.

We specialize in designing and manufacturing of processing lines with application of hydraulic presses or presses with electro-mechanical cylinders and their integration with industrial robots or manipulators. Depending of customer needs and requirements we are able to propose additional functions such as measuring, vision control or weighing and dosing.



LASER CUTTING / WELDING / MACHINING

We provide industrial laser cutting services on TRUMPF TRUMATIC L4050 laser cutting machine.
Maximum workpiece dimensions: 4000 x 2000 mm
Cutting thickness: from 0.5 mm up to 25 mm

We offer welding services of various type constructions made of black steel, from simple frames made of profiles to large-size components such as machine bodies.

B&P Hydraulic Press provides also high quality machining services basing on many years of experience in manufacturing of machine parts especially such as machine bodies, frames, tanks, pistons, cylinders, plates.



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