

PIVEXIN TECHNOLOGY



Company brochure
2018

PIVEXIN TECHNOLOGY

Pivexin Technology is a company that specializes in construction and comprehensive equipping multitude branches of industry. In addition, we counsel and provide technical assistance. Years of activity resulted in experience that allows us to efficiently and smoothly cooperate with our clients. In regard to that cooperation, clients appreciate our flexibility, technical assistance, stability of deliveries and convenient business conditions.

The company was established in **2007**. Since then, **our offer has significantly expanded** and now our products are used in different sectors of industry, for example: automotive, CNC and packaging machines, they are also frequently used in the medical and pharmaceutical field as well as in the vast branch of furniture and wood manufacturing. We are providing the components of the leading brands in Europe.

The main field of our activity is distribution and selling products of our business partner, focused on production, what often does mean creating or discovering a new market for them. From the second side we deliver to our customers all necessary items together with our experience, knowledge and vision, therefore we are engaged in project from the initial stage to the succesful closure.

Our capabilities allow us to provide a full electromechanical solution or even a full project. High skills of our technical team guarantee programming or service, our well experienced logistic department guarantees safeness.

Pivexin Technology focuses on **continuous development**. We are establishing new contracts and agreements with the manufacturers from all over the world, for example: Germany, Italy, China, Taiwan, The Czech Republic, France, The USA etc. Additionally, we are creating new workplaces and successfully increasing our stock capacity.

Today our team has **more than 50 people**. Our **technical advisers** are always willing to provide the necessary assistance, whether it is a service or modernization.





Drive systems

Full range electric drive solutions, including AC and DC (also BLDC, servo) motors, drivers, HMI panels and all type of gearboxes (worm, helical, bevel-helical, planetary, etc.) - also for servo and stepper motors. Reducers and motors from our offer are characterized by high quality, high transmission efficiency and great design. As an engineering, not only trade company, we re able to find the right solution for our customers and help them in all kind of projects.

Automatics

We provide services in the field of programming and implementation of the project. In our offer you will find synchronous and asynchronous servo AC drives, integrated servo motors, stepper motors and integrated stepper motors, HMI operating panels, PLC drivers, frequency inverters, soft starts, rotation sensors and tachogenerators DC, proximity sensors, power supplies, batteries, modular apparatuses and console instrumentation.



Electric actuators

Electric linear actuators. There are two main groups of these products: the first is dedicated to furniture, medical and home-care industrie, and the second one contains industrial actuators. Our offer includes many kinds of actuators, starting from classic in-line design and angled motor through actuators with traveling nut with or without outer tubes, also with stainless steel pistons. What is more, we offer solutions with double motor, solar tracking and desk lifting systems.



Linear motion

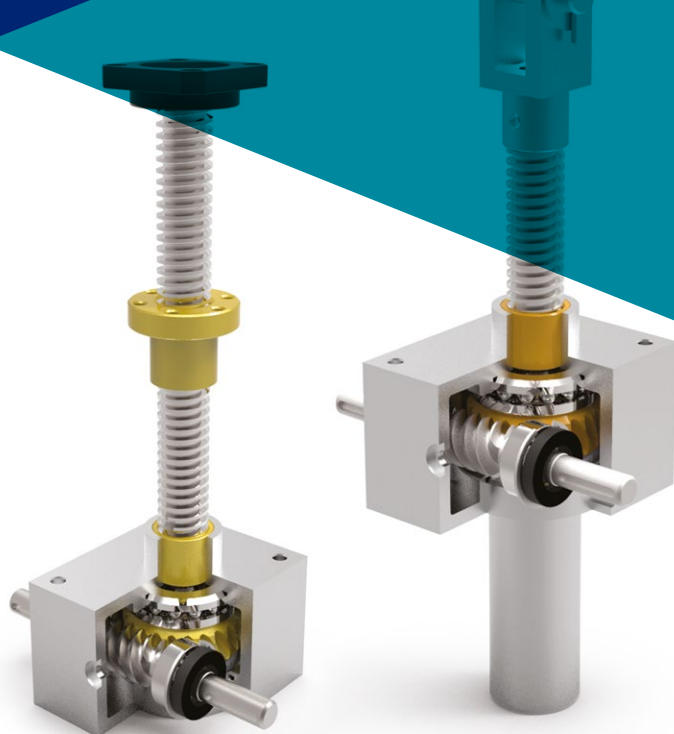
Products such as linear guides and blocks, rolled and ground ball screws and nuts, precision shafts and linear bearings, linear modules, support units, nut brackets, cast iron bearing units and so on.

In addition to the help of our technical department in the selection of appropriate components we offer linear motion products with fast delivery time thanks to our well-stocked warehouse.



Screw jacks

Modular screw jacks SG series occurs in two versions (N - traveling screw, R - traveling nut) and eleven mechanical sizes. Due to compact construction and vast range of available accessories, it is possible to adjust them to the required application. Our advantage is that we can also deliver a special version of screw jacks/linear actuators with high speed, high positioning accuracy and duty cycle up to 100%.



Gas springs and dampers

Different innovative solutions such as gas springs for variable opening, positioning and holding across the entire adjustment range, locking gas springs for variable adjustment with even force distribution across the entire stroke, and supportive damper technology in various models for applications requiring high forces. In our offer we have also high-quality shock absorbers and hydraulic speed controllers which can be used wherever you want to increase the efficiency and extend life of the machine.

Pneumatics

Elements such as pneumatic cylinders according with ISO6432, ISO/VDMA, compact cylinders and rodless cylinders. For air prepare we recommend FRL units with high flow up to 11000 NI/min. For robotics stations we have parallel and angular grippers. If you are looking for actuator's control we offer varieties of mechanical and pneumatic valves, solenoid valves with optimized electrical connection system, i.e. CANopen, DEVICENET, PROFIBUS. If you need industrial vales we offer ball valves, butterfly valves and knife gate valves.



Parts of power transmission

A very wide range of products necessary to maintain continuity of production and engineering, including power transmission items such as chain wheels, timing belts pulleys, V-belt pulleys, spur gears, racks, roller chains, timing belts, trapezoidal screws, nuts and locking devices (system block and taper bushes with a keyway).

Projects Applications Integrations

As an engineer company we are not focused only on the distribution of products and brands. Our technical staff, our experience and capabilities allow us to realise full projects and applications, including systems integration.

- » complete technical support
- » technical trainings
- » device projects and engaging production
- » machine modernizations
- » complete projects or cooperation within a larger system





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