

DIKO group has vast and long-reaching competences in many areas of automation technology and construction of specialist machines. As the innovative enterprise which is focused on the future, we are in the lead of technical development of the whole sector.

## » BASIC COMPONENTS FOR MACHINE CONSTRUCTION

» ROBOTS
Yaskawa, Stäubli, Fanuc, Kuka, Abb, Kawasaki,
Mitsubishi

» VISION SYSTEMS Keyence, Cognex, Balluff, Sick, Omron

» PRESS
Tox, Kistler, Bosch Rexroth

» MEASURING DEVICES
Mitutoyo, Kistler, Ateq, Burster

» LASER SYSTEMS Trumpf, Datalogic, Telesis

» TIGHTENING SYSTEMS
Atlas Copco, Desoutter, Bosch Rexroth,

Stöger, Intec

Loctite, Nordson, Graco, Dopag, Robatech

» GRIPPERS Schunk, Omil, Zimmer

» LUBRICATION TECHNIQUE

» FEEDERS
Bosch Rexroth, Flexlink, Mk Technology

» DRIVERS Siemens, Allen-Bradley, Mitsubishi

» SECURITY
Pilz, Sick, Banner, Omron, Euchner

» PNEUMATICS
Festo, Smc, Parker

» PRODUCT MARKING Keyence, Gravotech, Technifor

" VACUUM SYSTEMS Piab, Schmalz, Smc

» TRACEABILITY
Allen-Bradley, Balluff, Omron





# **DIK**

» CONTACT US

### ON BY ROBOTICS

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# IAS

**AUTOMATION BY ROBOTICS** 

#### ASSEMBLY LINE

#### I SPECIAL MACHINES:

- » AUTOMATIC;
- » SEMIAUTOMATIC;
- » FOR MANUAL INSTALATION.



- » INDUSTRIAL,
- » COLLABORATIVE,
- » MOBILE.

MEASURING AND TESTING STATIONS

I VISION SYSTEMS

LASER MARKERS AND OTHERS

www.diko.pl

# .

### ... OTHER COMPONENTS AS DESIRED!

# **DIKO**



### » MODERN SOLUTIONS FOR YOUR COMPANY

» WHO ARE WE?

We are a successfully growing, medium-sized group of enterprises operating within the machine-construction sector. We provide innovative production- automation systems, assembly devices and tailor made machines for demanding customers worldwide.

» OUR MISSION

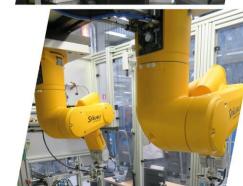
DIKO group's mission is the complex support of our clients in the development of production processes, construction of machines and devices necessary for their purposes, as well as providing care and maintenance services. We offer a wide range of solutions, from simple manual stations to fully automated and robotized assembly lines or testing devices. Thanks to the appropriate effectiveness, reliability, ergonomics and safety we can guarantee a high level of satisfaction to our clients.

» QUALITY POLICY

Our internal policy is closely linked to the existing vision and culture of the firm. Our objective is to satisfy the needs of our customers in the field of assembly processes and to maintain the appropriate level of their satisfaction in this aspect. The basis of our quality policy is the implemented certified quality management system ISO 9001.









### » EXPERIENCE AND FLEXIBILITY

### » AUTOMATED ASSEMBLY LINES

Constitute of several automated assembly machines combined into single consistent technological chain Individual machines are joint with systems of dispensers which transport products from one station to another in such a way that on the end of this multi-stage process we receive a finished product, which is completely automatically assembled. Linking occurs also on the level of communication between the machines, which opens additional possibilities such as tracking products, for example.

### » AUTOMATED ASSEMBLY MACHINES

Wishing to eliminate the necessity of operator's presence at the assembly station, it is possible to equip stations with automatic dispensers of components and automate the unloading of finished products. These activities result in the creation of independently working machine.

### » INDUSTRIAL ROBOTS

For the most complex operations, where apart from precision, another essential elements are speed and high load capacity, using robot arm becomes a serious alternative. Robots are used both in the manipulation of the components being assembled (loading and unloading), as well as in the operation of executive unit of manufacture machines.

### » CONTROL AND MEASUREMENT STATIONS

They can occur as independently working stations or can be placed at the end of assembly processes. Their objective is the quality control and functionality control of finished product.

### customer needs in terms of the automation of

manufacture and assembly processes, from planning, through construction, manufacture, assembly and software, to commissioning and maintenance.

Possessing the suitable know-how in the field of

Possessing the suitable know-how in the field of construction, as well as having flexibility in terms of production organisation, we are able to deliver projects within the agreed timetable. For over 25 years we have been offering solutions which are meticulously tailored to our Clients' needs.

### » ASSEMBLY STATIONS

Solutions of this kind are applied in the assembly processes which are also operated directly by the operator. However, the operator is responsible here only for loading of the components for the machines and unloading of the finished products. The assembly process itself is conducted automatically, with adherence to appropriate safety norms for the operator.

### » EQUIPMENT FOR HAND ASSEMBLY

The simplest solution for the assembly process. Here the operator is responsible for loading of the components, unloading of finished products, as well as the assembly, which in this case is supported only by technical solutions implemented in the tool.

### » MODERNISATION AND RECONSTRUCTION OF MACHINES

Construction of new machines is not always the optimal solution. In the case where the available equipment constitutes a sufficiently solid manufacture base, we undertake to reconstruct it in such a way so that in future it can meet the highest quality requirements.



### » EVERY PROJECT IS IMPORTANT

We approach each project, even the smallest one, with care and involvement. For us, the key to success is the appropriate management of tasks during the implementation of projects of machine and device construction.

For this purpose, we created a separate department of project management, which comprises of engineers experienced in construction and manufacture of machines. Having appropriate tools for planning and tracking tasks, we are able to precisely control projects and respond quickly in case of unexpected changes.

### » GANTT CHART

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### » Project management department

Working with a timetable is very important, however, it will not replace the contact with our Contractor. Employees of project management department are continuously reaching out to the Client in order to acquire necessary date in a timely manner, but also to answer any queries and provide explanation to open issues. In this case, another tool proves to be very successful – Open Issue List, which enables smooth information exchange with individuals leading the project on the Client's end.

