

MECHANIC & AUTOMATION SYSTEM DESIGN

SIBERNETIK with her experienced staff in custom machinery sector has completed many projects in cooperation with the leading companies of automotive industry.

Our dynamic staff works in a perfect harmony with our customers from the beginning of a project for the entire technological life of the product.

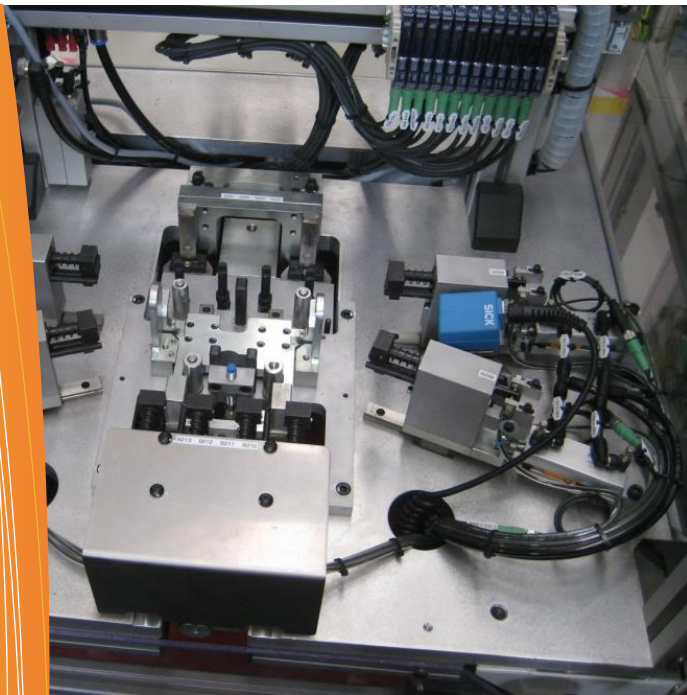
We intend to use the latest production and automation techniques in all the projects we carry on, in order to meet the demands of our customers.

This catalogue includes a brief summary of applications that are designed and produced by SIBERNETIK.



Assembly and Test Stations Special Applications

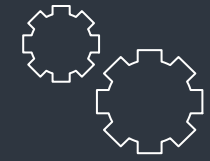
special
designs to
meet
customer
demands



your reliable partner

IN SPECIAL MACHINERY & AUTOMATION APPLICATIONS

- ✓ Rear Axle Assembly Lines,
- ✓ Steering Wheel Assembly Lines,
- ✓ Automatical Welding Stations,
- ✓ Automatical Workpiece Transfer Systems,
- ✓ Crankshaft & Connecting Rod Measurement Stations,
- ✓ Diameter & Length Measurement Systems,
- ✓ Shock Absorber Assembly Stations,
- ✓ Seat Belt Components Assembly Stations,
- ✓ Leak Test Stations,
- ✓ Steering Column Test Stations,



CUSTOMARY SOLUTIONS

Customary solutions are developed that will meet your demands according to your fabrication standards

STANDARD PRODUCT APPLICATION SAMPLES

- ✓ ElectroPress
 - Hub Carrier Bearing Inserting,
 - Industrial Mold Spring Testing,
- ✓ Electrical Screwdriver
 - Differential Tightening,
 - Engine Head Bolts Tightening,
 - Hub to Disc Tightening,
 - Lug Nuts Tightening,
- ✓ Balancing Arms;
 - Pantograph Arms,
 - Rail Supported Articulated Arms,
 - Folding Arms,
- ✓ Gearbox;
 - Crawfoot Applications,
 - Offset Crawfoot Applications,
 - Multi Output Shaft Applications,

Flexible solutions for your business

PROJECTMANAGEMENT

System requirements are classified according to the following items,

- Fabrication Conditions,
- PLC
- HMI
- Servo System
- Nutrunner
- Synoptic
- Safety

PROJECT REALIZATION

Mechanic and automation system realizations run together in great harmony;

- Fabrication Conditions,
- Lay-Out
- Mechanic System
- Hydraulic System
- Pneumatic System
- Ergonomics
- Safety



3D CAD DESIGN

Systems are designed, using registered 3D CAD softwares on professional workstations



INNOVATIVE SOLUTIONS

One of the best solutions is applied after all alternatives are offered and discussed in cooperation