

Simtek

www.simtek.com.tr



Company information



- Our company was established in 1994 in İstanbul by İlker Kesen Dipl. Ing. retired from Siemens Tech. Service. Man. Now he's working at Serbia.
- **Siemens** technological partner in the field of industrial automation and safety systems. Owners of **Siemens Solution Partner** certificate.
- **Coşkunoğlu Holding** partner in Russia for field of modernization and repair of industrial equipment.

Solution Partner Certificate



Simtek Otomasyon Teknik Hiz. San.ve Tic. Ltd. Sti.
Certified

The company is a certified Partner in Turkey and is authorized to use the name
Siemens Solution Partner Automation Drives.
The certification has been proved in the following program module:

- Industrial Communications
- Advanced Factory Automation

This certificate is valid until September 2019

Jörn F. Sens
Siemens Partner Program

Solution Partner Certificate



Simtek Otomasyon Teknik Hiz. San.ve Tic. Ltd. Sti.
Certified Specialist

The company is a certified Partner in Turkey and is authorized to use the name
Siemens Solution Partner Automation Drives.
The certification has been proved in the following program module:

- Factory Automation Safety

This certificate is valid until September 2019

Jörn F. Sens
Siemens Partner Programm

Locations

RUSSIA

Simtek Industry
Naberezhnye Chelny
Republic of Tatarstan

TURKEY

Simtek Sanayi Tesisleri
Free Economic Zone
Tuzla, Istanbul

TURKEY

Simtek Otomasyon
Umraniye
Istanbul

SERBIA

Simteko d.o.o
Free Economic Zone
Belgrade





Our Staff Structure :

- Experienced technical staff.
- The multi-disciplinary engineering team:
Electrical, Electronic, Computer, Mechanical, Mechatronics.
- Hardworking, dedicated and well-coordinated team.

Fields of activity



- Automotive Industry
- Cement Industry
- Food Industry
- Pharmaceutical Industry
- Metallurgical Industry
- Glass Industry
- Woodworking Industry
- Petrochemical Industry (DCS system)
- Special machines and processes (Mills and Mixers)
- Treatment and water purification plants
- Home Appliance Industry
- Packaging Industry
- Energy measurement and monitoring systems

Fields of activity



- Industrial equipment manufacturing.
- Modernization and repair of industrial equipment.
- Industrial automation.
- Manufacturing of electrical panels.
- S5-S7 Modification and Modernization.
- Energy Measurement and Monitoring.
- Training.

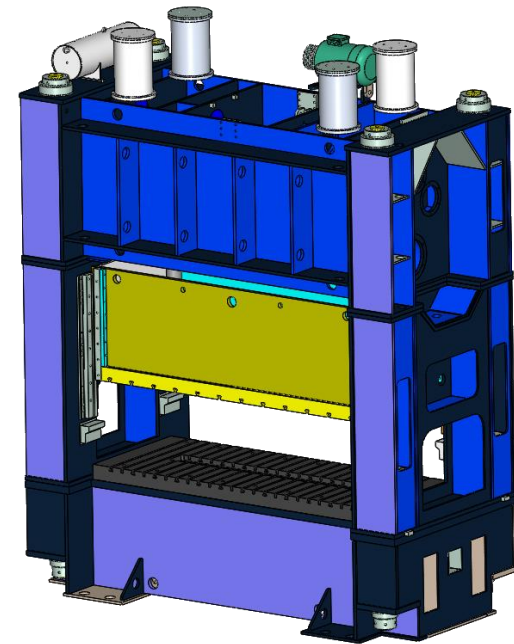
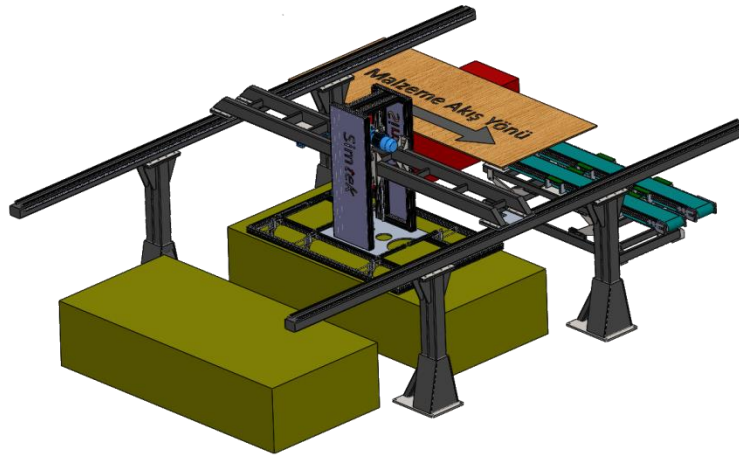
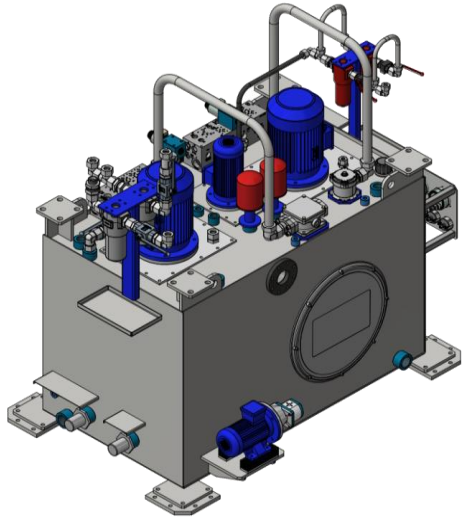


Fields of activity



➤ Industrial equipment manufacturing

- Production of parts and components of industrial equipment.
- Production of equipment for individual projects.
- Engineering and design.





➤ Modernization and repair of industrial equipment

- Modernization and modification of existing equipment.
- Repair of industrial equipment.
- Automation and Robotics.
- Dismantling / installation and transfer of equipment.
- Periodic maintenance.
- Diagnosis and prevention of breakdowns.



Mechanics / Hydraulics / Pneumatics / Electrics



➤ Industrial Automation

- PLC : Logo, S7-1200, S7-300, S7-400, S7-1500.
- PC S7 Process.
- Safety and Fail-Safe systems.
- SCADA (WinCC)
- HMI : KTP, OP, TP, MP, Mobile Panel
- Robotic Systems (ABB, Fanuc, Kuka, Hyundai)
- Motion Control: Sinamics, G120, S120, Micromaster, Simotion





➤ Manufacturing of electrical panels.

- MCC, PLC, ADP and power panels are manufactured according to the established standard.
- Design provided by Eplan-P8.
- Marking and labeling.
- Visual inspection and electrical test before commissioning.





➤ S5-S7 Modification and Modernization.

- Reduced maintenance costs.
- Reducing the number of malfunctions.
- Reduced delivery time and cost of spare parts.

Save up to 70 % .



S5 PLC

S5

Modification

S7



S7 PLC



➤ Energy Measurement and Monitoring.

- Improving energy efficiency.
- Speed control for fans and pumps.
- Coordination of compressor operation.

Fields of activity



➤ Training.

Types of training

- Planned
- Individual
- Practice



Categories

- PLC
- Motion control.
- SCADA.
- Process automation.
- Operator training.
- Troubleshooting.



New fields

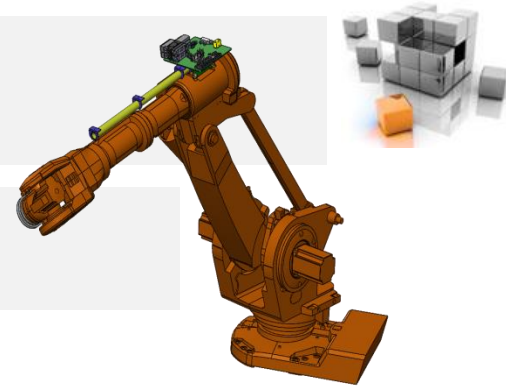
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Implemented projects

Major projects.

- Modernization and repairs of various press equipment and press lines.
- Robotization and automation of press lines and other equipment.

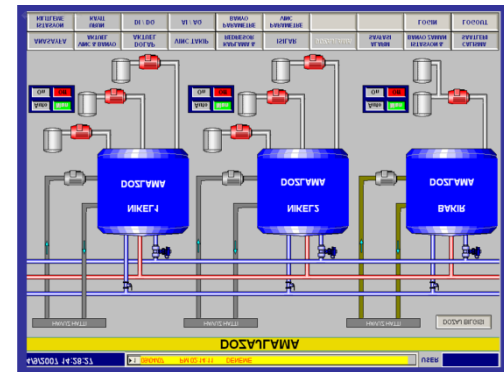
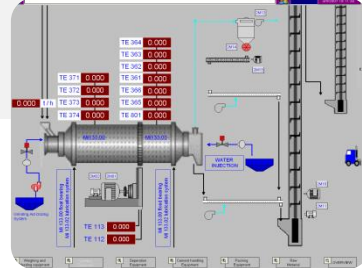


Implemented projects



Major projects.

- Automation of grinding, mixing and packaging systems.
- Automation of dosage and packaging systems in the pharmaceutical and food industries
- Automation of automobile, steel, plastic, rubber, cement production processes
- Automation of treatment facilities.



Used technologies



Technologies:

- Security systems Fail-Safe.
- RFID
- Servo & Drive.
- PLC, HMI, SCADA ve PC S7.
- Energy measurement and control.
- Robotization
- Industry 4.0
- Smart home technology.



Our achievements



- ✓ Management of risks.
- ✓ Using MS Project.
- ✓ Electrical layout with E-Plan.
- ✓ Panel manufacturing and field work.
- ✓ Flexible personnel management.
- ✓ Continuous self-improvement.
- ✓ Following the modern technology.
- ✓ Ability to work in various sectors.
- ✓ Experience in an international project.

Our goals



- ✓ Unconditional customer satisfaction.
- ✓ Compliance with national and international commitment and ethical standards.
- ✓ Employee satisfaction.
- ✓ Respect for the staff.
- ✓ Continuous improvement.
- ✓ Compliance with the law.



Provided benefits



<u>Parameters</u>	<u>Result</u>
Commissioning time	↘
Total Cost of Ownership	↘
Occupational Safety and Health	↗
Employee Effectiveness	↗
OEE	↗
MTBF	↗
MTTR	↘
Cost of spare parts	↘
Maintenance cost	↘
System simplicity	↗



Simtek
Industry

Distributor in Russia

JIER



Metal Forming

Mechanical Presses

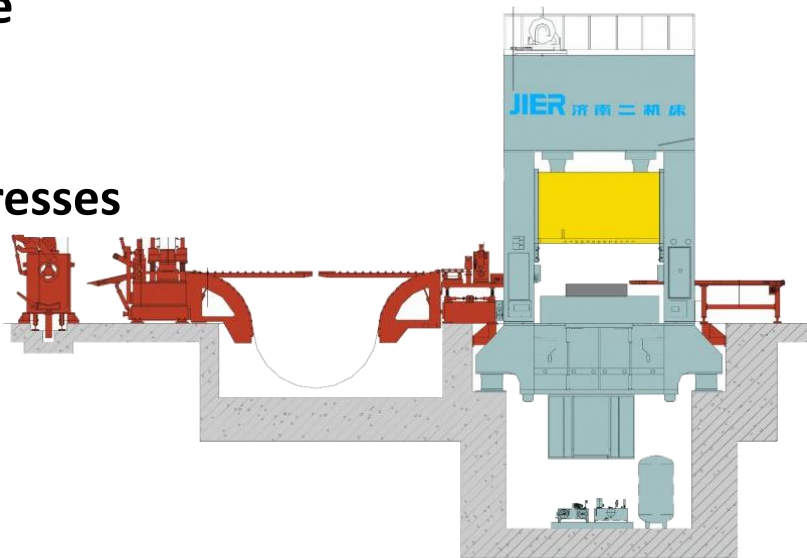
Tandem Press Line

Transfer Presses

Progressive Die Presses

Servo Presses

Blanking Presses



**Sheet Metal
Processing Equipment**

Decoiling and Cutting Line

Blanking Line

Feeding Line

Blank Washing Unit

Blank Oiling Unit

Bundle Turnover



Simtek
Industry

Distributor in Russia

BIAS

Multi Servo Press



High performance

Variable slider trajectory

High speed stamping

High energy efficiency

Low die wear

High quality stamping

Low die changeover times

Press Feeding Systems

Cut To Length Lines

Decoilers and Feeders

Transfer System

Destacker System

Stacking Systems

