

ENERGYTEC LTD SINCE 1996

PRICE LIST: (NON EU INVOICED, NO TAX)

PLC / HMI / SCADA PROGRAMMING / SIMATIC / ROCKWELL

FROM 49.-€ / HOUR

ELECTRICAL ENGINEER FOR INSTALLATION AND SERVICE

FROM 25.-€ / HOUR

MECHANICAL ENGINEER FOR INSTALLATIONS AND SERVICE

FROM 25.-€ / HOUR

PROGRAMMING

WE PROVIDE YOU WITH OUR PROGRAMMING SERVICES FOR SHORT AND LONG-TERM PROJECTS IN THE AUTOMATION SECTOR. ANYTIME AND ANYWHERE IN THE WORLD!

WE PROGRAM YOUR MACHINES AND SYSTEMS, REGARDLESS OF WHETHER PLC OR IPC, ROBOT OR SERVO TECHNOLOGY, ON ALL LEVELS! ... AND OF COURSE WE ALSO PUT THEM INTO OPERATION!

ENERGYTEC AUTOMATION IS A CERTIFIED SOLUTION PARTNER FOR SIEMENS AUTOMATION AND SYSTEM INTEGRATOR FOR BOSCH REXROTH AUTOMATION AND DRIVE TECHNOLOGY. WE HAVE EXTENSIVE KNOW-HOW ON BOTH PLATFORMS TO DEVELOP TAILOR-MADE, INNOVATIVE SOLUTIONS FOR YOUR REQUIREMENTS.

WE ALSO WORK FOR YOU UNDER A WORK CONTRACT.

SERVICES

WE OFFER PLC PROGRAMMING IN THE FOLLOWING LANGUAGES:

- **SIEMENS S5; S7**
- **SIEMENS TIA PORTAL**
- **ROCKWELL, ALLEN BRADLEY PLC2 –SLC500 --- PLC5 -> CONTROL LOGIX**
- **ROCKWELL FACTORYTALK**

- BOSCH REXROTH
- MITSUBISHI
- BECKHOFF
- B & R
- OMRON
- CUTTER
- AEG, TEXAS INSTRUMENT

WE FOLLOW YOUR WISHES!

YOU KNOW WHAT YOU WANT - WE KNOW THE WAY. RELY ON EFFICIENT, TARGETED AND SUSTAINABLE ELECTRICAL DESIGN AND PROJECT MANAGEMENT!

CAD ENGINEERING

WE OFFER CAD DRAWINGS IN THE FOLLOWING PROGRAMS:

- EPLAN (P8); EPLAN PROPANEL
- EPLAN FLUID
- WS CAD

SINCE 2014 ENERGYTEC LTD HAS ALSO BEEN DESIGNING ACCORDING TO THE UL STANDARD AND IS A CERTIFIED SUPPLIER.

CE CERTIFICATION ACCORDING TO MRL:

- HAZARD ANALYSIS OF MACHINES AND PLANTS
- CE ADVICE BEFORE EXECUTION
- CE INVENTORIES / ACTUAL ANALYZES
- CHECKING AND CREATING TECHNICAL DOCUMENTATION

PRODUCTION

WE TAKE OVER THE ASSEMBLY OF CONTROL CABINETS, FIELD DEVICES OR COMPLEX AUTOMATION SYSTEMS AT HOME AND ABROAD.

IF YOU ARE LOOKING FOR A PROFESSIONAL AND EXPERIENCED SYSTEM SUPPLIER FOR AUTOMATION AND PROCESS OPTIMIZATION, YOU HAVE ALWAYS COME TO THE RIGHT PLACE. WE ENSURE THAT YOUR PRODUCTION PROCESSES ARE DESIGNED EFFICIENTLY AND WE ALSO OFFER CREATIVE INDIVIDUAL AND COMPLETE SOLUTIONS.

IN ADDITION, WE DEVELOP CONCEPTS FOR THE PLANNING AND COMMISSIONING OF COMPLEX CONTROL SYSTEMS AND, OF COURSE, ALSO ORIENTATE OURSELVES HERE TO YOUR IDEAS AND THE COMPANY'S INTERNAL REQUIREMENTS.

UL CERTIFIED

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ELECTRICAL CONSTRUCTION

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VISUALIZATION

SERVICES

WE PROGRAM MACHINE VISUALIZATIONS IN THE FOLLOWING LANGUAGES:

- SIEMENS WINCC FLEXIBLE
- SIEMENS WINCC
- REXROTH INDRAWORKS
- COPADATA ZENON
- MITSUBISHI E-DESIGNER
- INDIVIDUAL PROGRAMMING IN DELPHI AND C ++

ROBOTICS

ENERGYTEC AUTOMATION PROGRAMS THE COMPLETE PROCESS FLOW WITH ONE OR MORE ROBOTS IN A STRUCTURED, RELIABLE AND ECONOMICAL MANNER, CONFIGURES THE INTERFACES TO THE LINKED CONTROLS AND SYNCHRONIZES THEM WITH THE UPSTREAM AND DOWNSTREAM WORK STEPS.

FLEXIBLE SOLUTIONS FOR

- **HANDLING TASKS**
- **PALLETISATIONS**
- **JOINING OPERATIONS**
- **ASSEMBLY OPERATIONS**

WE OFFER ROBOTICS PROGRAMMING INCLUDING FOR THE FOLLOWING MANUFACTURERS:

- **ABB**
- **KUKA**
- **FANUC**
- **STÄUBLI**

FULLY AUTOMATIC SYSTEMS

IN CLOSE COOPERATION WITH YOU, ENERGYTEC AUTOMATION DEVELOPS TAILOR-MADE SOLUTIONS FOR FULLY AUTOMATIC OPERATION. CONSISTING OF E.G.

- **MATERIAL FEED HOPPER**
- **RÜTTELTÖPFEN**
- **FEEDING SYSTEMS**
- **PROCESSING STATIONS**
- **ASSEMBLY UNITS**
- **INSPECTION STATIONS**

YOUR PRODUCTS ARE GUIDED SAFELY, EFFICIENTLY AND ERROR-FREE THROUGH THE MANUFACTURING PROCESS, PACKED, LABELED AS REQUIRED AND THE PRODUCTION DATA IS FED TO A HIGHER-LEVEL CONTROL SYSTEM.

YOUR WISHES ARE OUR JOB - CHALLENGE US!

SEMI-AUTOMATIC SYSTEMS

SEMI-AUTOMATIC SYSTEMS FROM ENERGYTEC AUTOMATION MEET THE NEEDS FOR SAFETY, EFFICIENCY AND HIGH QUALITY REQUIREMENTS, ESPECIALLY FOR MEDIUM BATCH SIZES. THE FOLLOWING BASIC PROCEDURE IS USUALLY STORED:

- **HAND INSERTING**
- **ASSEMBLY START**
- **ASSEMBLY TEST**
- **I.O. MARK**
- **HAND REMOVAL**

THE MONITORING OF MATERIALS, TOOLS AND OPERATORS IS ALWAYS GUARANTEED, EVEN WITH THE SEMI-AUTOMATIC SYSTEM. THIS MEANS THAT SEAMLESS RECORDS OF QUALITY DATA ARE A MATTER OF COURSE.

MANUALLY MONITORED SYSTEMS

CONCEPTS OF AUTOMATION TECHNOLOGY ALSO APPLY TO MANUAL WORKPLACES TO INCREASE PERFORMANCE AND GUARANTEE PERFECT QUALITY. OUR CONCEPTS ATTACH GREAT IMPORTANCE TO:

- **PERFECT ERGONOMICS FOR FATIGUE-FREE ACTIVITIES**
- **MONITORING ALL MATERIALS**
- **MONITORING ALL TOOLS**
- **MONITORING THE MANUAL CONTROL => COMPLETE QA DATA**
- **POKA YOKE ALSO IN THE MANUAL WORKPLACE**

RETROFIT

YOUR MACHINE OR PRODUCTION SYSTEM IS GETTING ON IN YEARS, DOWNTIMES ARE BECOMING MORE COMMON, THE PROCUREMENT OF SPARE PARTS IS BECOMING MORE DIFFICULT, BUT THE MECHANICAL STRUCTURE IS STILL IN VERY GOOD CONDITION. THEN A CONTROL RETROFIT IS THE SOLUTION OF CHOICE. WITH MODERN CONTROL TECHNOLOGY YOU BRING YOUR SYSTEM BACK TO THE STATE OF THE ART ELECTRICAL CONSTRUCTION

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- **mitsubishi E-DESIGNER**
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