

**MACHINE DESIGN
INDUSTRIAL AUTOMATION
INDUSTRIAL DESIGN
PRODUCT DESIGN AND**

ENGINEERING SERVICES

'OUR IDENTITY IS
SHAPED BY OUR
EXPERIENCES'

**MACHINE DESIGN
INDUSTRIAL AUTOMATION
INDUSTRIAL DESIGN
PRODUCT DESIGN AND
DEVELOPMENT**

TABLE OF CONTENT

ABOUT US
ENGINEERING SERVICES
OUR PROCESSES
DESIGN
EXPERIENCE

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BEWEQ®



WHO WE ARE

ABOUT US

BEWEQ - IS AN ENGINEERING DESIGN STUDIO SPECIALISING IN THE INDUSTRIAL AUTOMATION SEGMENT AND PROVIDES ENGINEERED SOLUTIONS TO YOUR PRODUCT DEVELOPMENT.



We are a customer focused engineering studio. At beweq we design and develop solutions that provide our clients competitive edge. Formed as a design laboratory, the budapest studio works both independently and with clients to creates new values. We are some of the most experienced machine designer in europe, with the ability to deliver cost-effective projects on time and in budget.

There are fewer elements within a good working relationship that are more critical than good communication. We listen, we question, we develop, we design, we support. We're proud of the fact that beweq today has a multitude of well established relationships with clients that date right back to the birth of the company.

We are quickly available to respond to any project requirements, providing concepts, prototypes and automation design, as well as process and equipment development. We are experienced in system integration, assembly automation, inspection automation, industrial robotswe can provide the best automation solution for your project. We improve manufacturing process methods. We solve manufacturing problems. We provide full regulatory support for your compliance needs. We proactively recommend solutions that optimize value for both the end customer and our clients.

Beweq engineering has been the source for conscientious engineering consultation - industrial automation and creative product development support since 2015

OUR GOAL

To provide a high level of engineering work to the satisfaction of our partners and also to our own pleasure, with the conscious handling of the risks of uniqueness. We strive to be an enjoyable professional excursion to solve any problem.

SYSTEM APPROACH

We've been unified a high level of methodical in the construction design, heuristic is replaced by system approach. We combine modern project management tools with design features, we provide consistent communication to our partners for our workflow transparency and accountability.

WE ARE MEMBER OF:

INTERNATIONAL SOCIETY OF AUTOMATION
CHARTERED INSTITUTE OF ERGONOMICS & HUMAN FACTORS
PRODUCT DEVELOPMENT AND MANAGEMENT ASSOCIATION





OUR AREAS OF EXPERTISE

ENGINEERING
SERVICES



**MACHINE DESIGN
INDUSTRIAL
AUTOMATION
INDUSTRIAL DESIGN
PRODUCT DESIGN
AND DEVELOPMENT**

MACHINE DESIGN

Special Machine designing for:
CONTROL AND INSPECTION
MACHINING
ASSEMBLY
HANDLING

Classic machine designing as our base service. We have extensive experience in engineering automated solutions, so we can work with you to design and develop. After the machine design we provide you: documentation support, installation and operation manuals. Safety and maintenance instructions.... Furthermore safety compliance improvement of manufacturing process and machine.

Our other services related to machine design:
SYSTEM PLAN DEVELOPMENT
INVESTMENTS PREPARATION
SYSTEM STUDIES FOR DEVELOPMENTS
CONCEPTUAL DETAILED DESIGNING

PRODUCT DESIGN

We are also competent in your product development, based on our automation - machining/manufacturing technology and mass production experience.

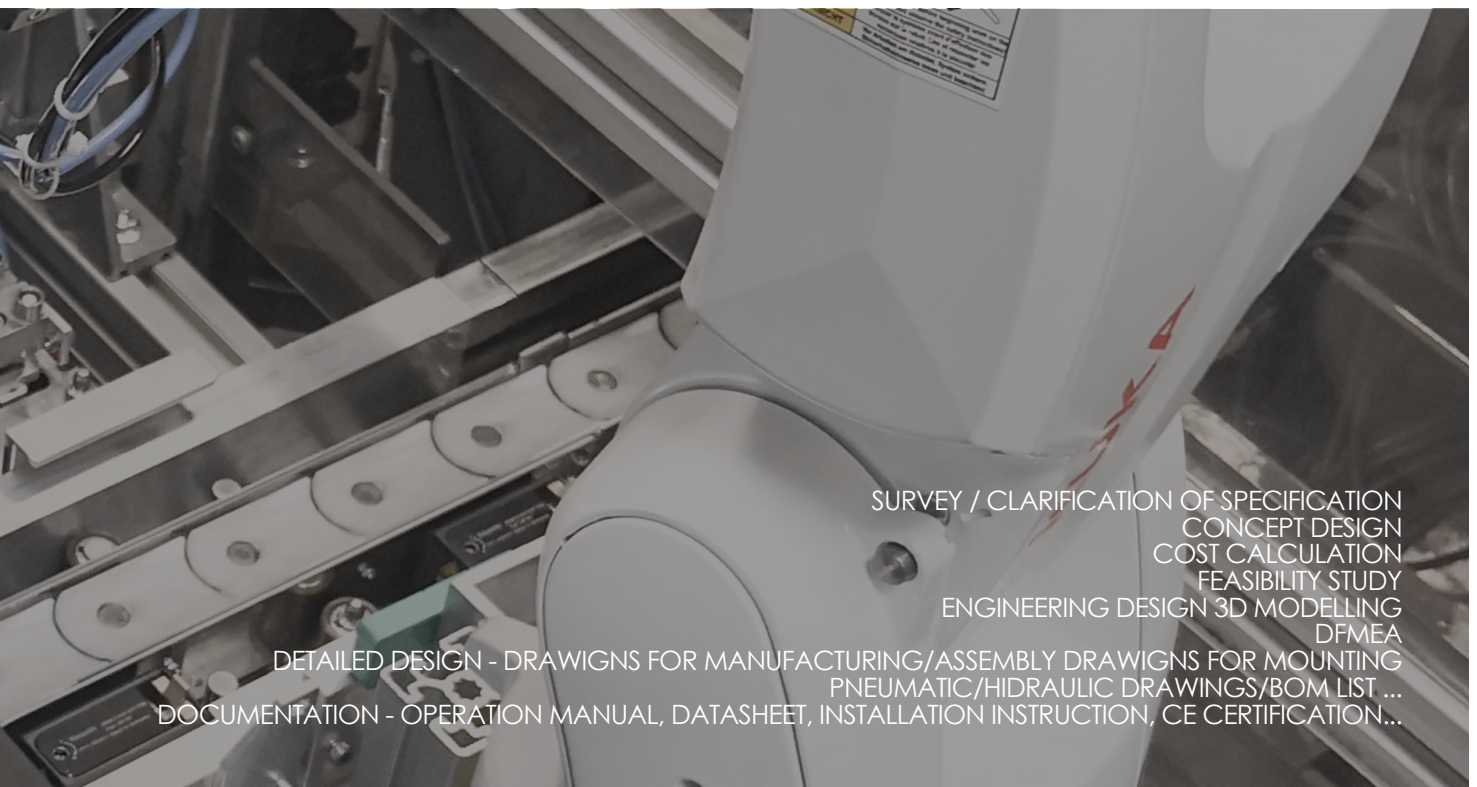
For more information please visit our
website or contact us

WWW.BEWEQ-ENGINEERING.COM

A close-up photograph of industrial machinery, likely a CNC machine, with various metal components, cables, and a large, flat, perforated metal plate in the foreground.

OUR PROCESSES

HOW WE DO THINGS



SURVEY / CLARIFICATION OF SPECIFICATION
CONCEPT DESIGN
COST CALCULATION
FEASIBILITY STUDY
ENGINEERING DESIGN 3D MODELLING
DFMEA

DETAILED DESIGN - DRAWINGS FOR MANUFACTURING/ASSEMBLY DRAWINGS FOR MOUNTING
PNEUMATIC/HIDRAULIC DRAWINGS/BOM LIST ...

DOCUMENTATION - OPERATION MANUAL, DATASHEET, INSTALLATION INSTRUCTION, CE CERTIFICATION...

TOOL FOR EXPRESSION

DESIGN

DESIGN FOCUS

MODULAR DESIGN
REGULATORY COMPLIANCE (CE)
SAFETY (OSH)
RELIABILITY AND MAINTAINABILITY
ERGONOMICS (ISO/TC)
STANDARDIZATION
COST-EFFECTIVE MANUFACTURABILITY
RELIABLE PROCESS ELEMENTS
SYSTEM INTEGRATOR APPROACH

WE USE



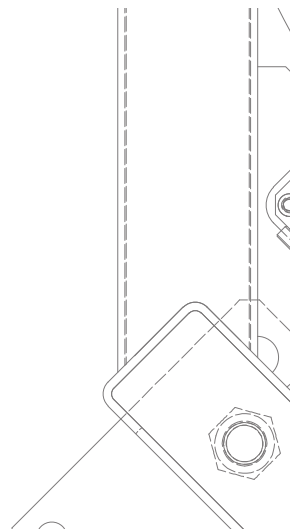
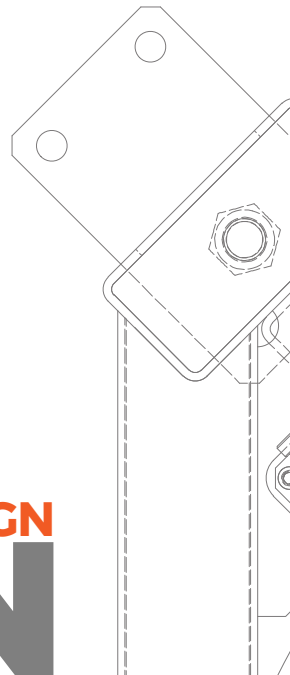
We use the world's leading 3d mechanical design software - professional-grade 3d mechanical design, documentation, and product simulation tools.....

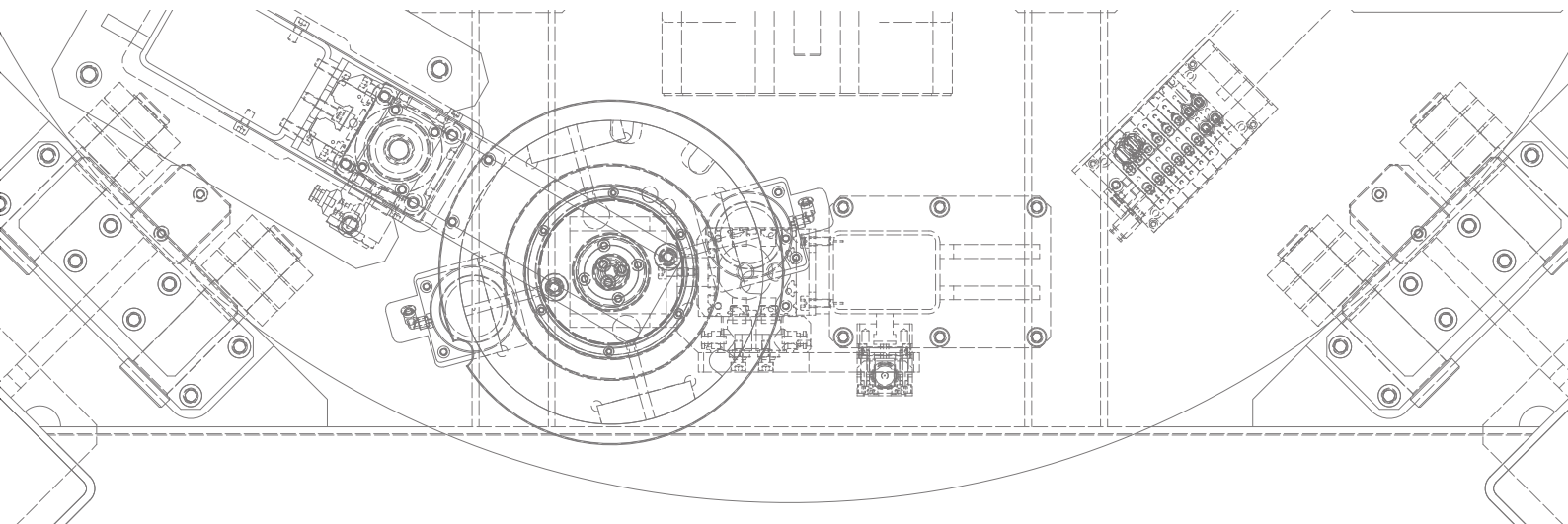
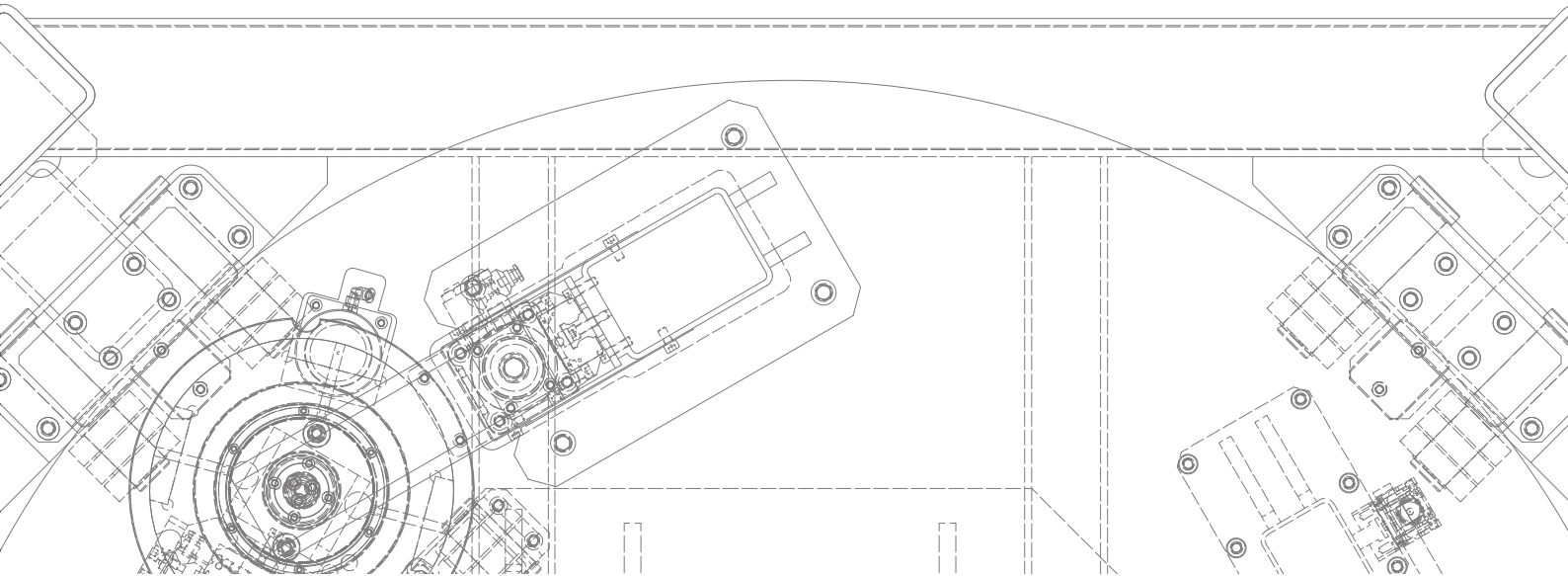
MORE

Our outside controls engineers design partners provides to the electrical competency for your product development. We can manage the mechatronic developments inhouse in one hand.

DESIGN OVERFLOW

We have good relationship with outside designers that extend our capacity and capabilities.







EXPERIENCE

MACHINES

INDUSTRIAL AUTOMATION

PROCESSING MACHINERY
AUTOMATION, VISION SYSTEM AND
ASSEMBLY AUTOMATION FOR MASS
PRODUCTION, MANIPULATORS
AND PICK AND PLACE MODULES
APPLICATIONS IN THE LIGHTING
SEGMENT, INSPECTION EQUIPMENT
DESIGN FOR WIDE RANGE OF
ELECTRICAL AND LIGHTING PRODUCT
CONTROL

INDUSTRIAL ROBOTS APPLICATION
DESIGN,
MANIPULATION WITH SPECIAL
ROBOT, WELDING AND BONDING
TECHNOLOGY EXPERIENCE,
INSPECTION TECHNOLOGIES FOR
ELECTRICAL PARAMETERS
DESIGN FOR AIRFLOW CONTROLS AND
DIMENSION CONTROLS,
STRONG COOPERATION WITH QUALITY
CONTROL DEPARTMENTS

TAMPOPRINTING TECHNOLOGIES
HIGH PRECISION LEAK
TESTER METHODS /WITH WATER,
VACUUM AND IN HIGH PRESSURE
INSPECTION SPACES
ULTRASONIC WELDING TECHNOLOGIES
PVC WELDING
INJECTION MOLDING KNOWLEDGE
AND ADDITIONAL TECHNOLOGY
DEVELOPMENT - ROBOT GRIPPERS/
CAMERA CONTROL/PART SEPARATION,
SPRING MAKING CNC MACHINES, HIGH
OUTPUT ASSEMBLY MACHINES DESIGN
MOUNTING - CLOSURES/CAPS,

ROBOT TECHNOLOGY, WITH KUKA
AND UNIVERSAL ROBOTS REFERENCES,
CLEANROOM DESIGN AND STANDARDS
KNOWLEDGE,
PRODUCT MANUFACTURING
EXPERIENCE
PROCESS DEVELOPMENT AND
MAINTENANCE

PRODUCTS

PRODUCT DESIGN AND DEVELOPMENT

LIGHTING INSTRUMENTS PRODUCT DEVELOPMENTS
SPECIAL AVI WELDING ASSECCORIES EQUIPMENTS - PRODUCT
DESIGN AND DEVELOPMENT
AIR-CUSHIONED ASSEMBLY TABLE - PRODUCT DEVELOPMENT
SPORT EQUIPMENT PRODUCT DEVELOPMENT - FACELIFT
MEDICAL EQUIPMENT PRODUCT DEVELOPMENT



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OWNERSHIP: LIMITED PARTNERSHIP

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PLEASE VISIT OUR WEBSITE FOR MORE INFORMATION
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CODOLAGNI

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DENSO



GE imagination at work

GRUNDFOS 

 **KNORR-BREMSE**

Kienle  **Spiess**

FREUDENBERG-NOK
INNOVATING TOGETHER

PHILIPS

Rexroth
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 **TE**
connectivity



 **ZARGES**





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