

[WWW.EGSTON.COM](http://WWW.EGSTON.COM)

# WORLDWIDE AUSTRIAN CABLE SYSTEMS





# ONLY THE BEST EXPERIENCES EGSTON CABLE SYSTEMS

YOU HAVE AN IDEA, WE WRAP IT AND FILL IT, SO THAT IT CAN START ITS JOURNEY FROM A TO B. THE PROJECT WILL BE ACCOMPANIED BY THE BEST IN ITS FIELD, IN PERSON, AS WELL AS BY DECADES OF EXPERIENCE.





#### REQUIREMENT AND DEMAND

The more complex the cable harness and the higher the requirements and demands, the more reason to be with Egston. After decades of experience we only select the best company to keep. It is inborn in our staff to take notice of your wishes as well as difficult conditions under which the material has to work. In the same way our suppliers have proved themselves over many years and keep to what we promise.

#### NEED AND USE

Every cable harness that leaves our factory has been tested 100% right down to the last detail. So that you can count on Egston cable systems even faster and more economically, we have created a worldwide production and distribution network for you that will reach you where you need us. Modern logistics concepts like Kanban are standard here as well as there.

#### ALL IN ALL

Besides laying out and producing cable harnesses, we also supply the peripherals: from plastic to metal parts, from single parts to complete operating consoles. Whatever happens, everything from a one-stop source, from A to Z.





## READY IN NO TIME EGSTON CABLE SYSTEMS

Starting from your ideas, requirements and wishes, we develop the best solution with you from a number of different possibilities – to protect your special cable system from influences and break downs.

Field	Application	Advantage
1. Cable ties	to bundle individual cables, with little or no outside influence	inexpensive, simple operation
2. Braided cable sleeve	to bundle individual cables, gives some friction protection	flexible diameter
3. Insulation ties	for individual cables which need to be thermally and mechanically completely protected, if it is not necessary to optimise on the minimum diameter	inexpensive
4. Corrugated tube	where there are high mechanical influences, if there is no optimising to the smallest diameter	high mechanical strength limited use for flexible uses
5. Shrinking tube	where there are high thermal and mechanical demands on the cable harness for water tight cable harnesses	compactness-optimising to minimum diameter possible
6. Taping	for compact applications, without particular mechanical or thermal demands	material readily available, no condensation water
7. Braiding	for compact applications with high mechanical demands fixed laid situation	material readily available, no condensation water
8. Jacket cable	for flexible applications	mechanically and thermally robust, cycle proof

### OUR PERFORMANCE

- > Cost optimised design of cable systems
- > Electronic and electromechanical subassemblies
- > Worldwide support
- > Modern and flexible processes





# MEASURE AND AIM THE APPLICATIONS

Have an initial look at the range of possibilities of Egston Cable Systems.  
What they all have in common is: the best solution for the purpose.



## INTERIOR WIRING

of a gaming machine, wire colour white only (ink jet marking), shape produced by cable ties



## CONTROL LINE CABLE FOR TRUCK MOUNTED CRANE

Corrugated tube model for use in the cab



## CABLE HARNESS FOR CABIN ELECTRICS

of a wheel loader, taped with self adhesive fabric tape, no formation of condensation water



## MAIN CONTROL CABLE FOR INDUSTRIAL ROBOT

with integrated sleeve system, plastic and metal connection points already included, lines jacket cable, and compressed air hoses held in plastic chain - for very large movement cycles, all materials oil and acid resistant



## CABLE SET FOR CONTROL ELECTRONICS

of a crawler, braided with nylon thread, no condensation water formation



## CONNECTOR CABLE

for the manipulation head of a welding robot, individual leads and jacket cable, aluminium protective pipe and fixing parts integrated in the cable set



## CABLE FOR ENGINE ELECTRONICS

of an excavator, shrinking tube, insulation, all branches and plugs hydraulic oil resistant, all materials used are high temperature, oil and acid resistant



## INTERIOR CABLING

of a medical ultrasonic diagnostics unit use of single wires and multipole jacket lines



## CONNECTOR CABLE FOR HYDRAULIC VALVE BLOCK

Shrinking tube execution, hydraulic oil and acid resistant





## STRONG IN SUBASSEMBLIES

We have been designing and producing inductive components, cable systems, modular power supplies and battery chargers for 50 years. As a result of this wide spectrum of products and technical know-how, we are able to offer you complete subassemblies, as your one-stop source. Our experienced design and development team, supported by professional project management, will carry out the product development process for your complete units.

### PROTOTYPES AUTHORISATION PROCESSES APPROVALS

Our mechanical and electronic design is supported by CAD and Pro-Engineer, which means we can produce prototypes very rapidly to support your product development and authorization procedure in the best possible way. Our development is based on a modern management system (FMEA, APQP, SPC, CIP, Six Sigma etc.)

Safety approvals or EMC tests under VDE, UL and other standards are just as routine as cooperation with universities and research laboratories.

### PRODUCTION TRANSITION & PRODUCTION AUTOMATION

Product development works closely with production automation at Egston to guarantee a smooth production start-up. We are in a position, with our automation team, to produce tailor-made concepts and to put them into practice in the shortest possible time, in-house and on our own equipment. Egston stands for the most economic production facilities.

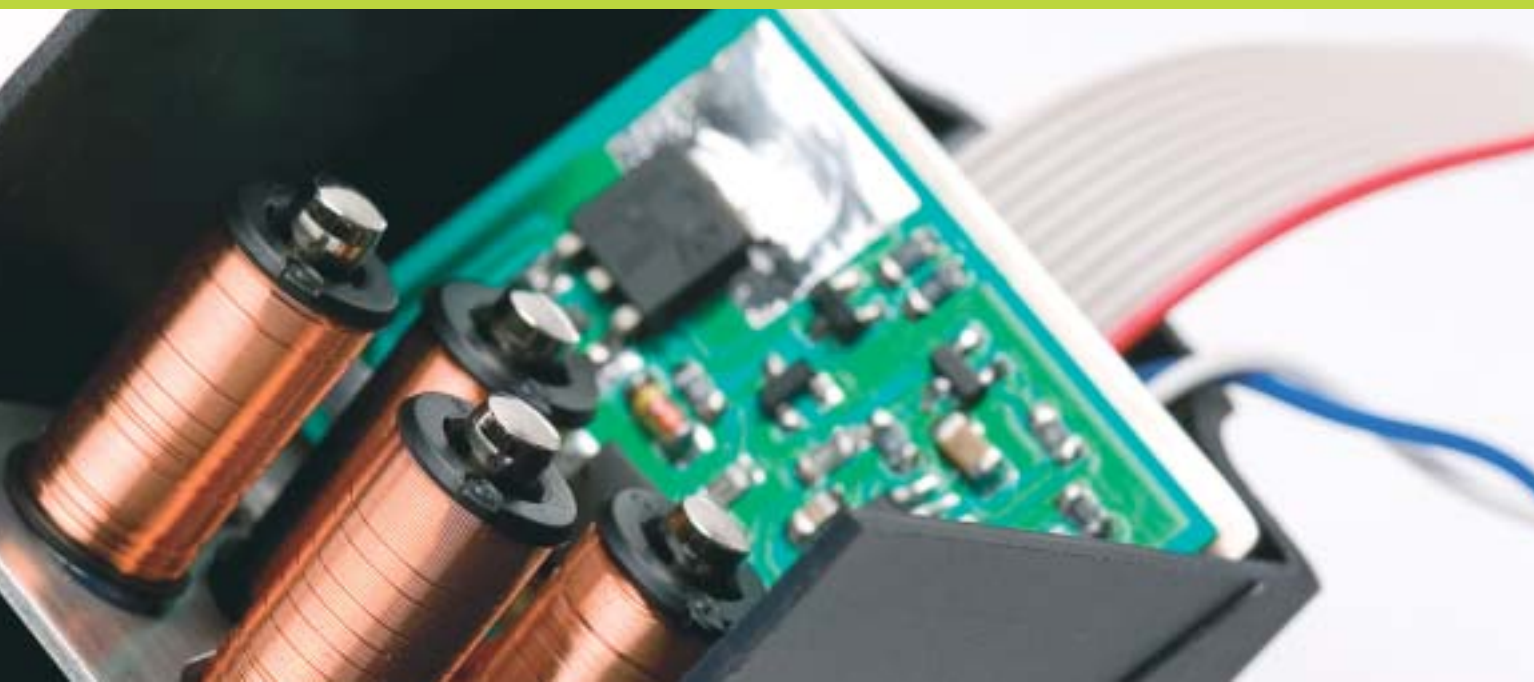
Our competence ranges from simple production cells, via assembly and test round tables through to fully automated production lines.

### LOGISTICS

Our purchasing team arranges the supplier network in line with your specific requirements. Demand orientated logistic systems such as JIT, Kanban etc. round off the supply chain.

### OUR SUBASSEMBLY RANGE:

- > Electronic units (incl. microcontroller operated)
- > Electromechanical magnet subassemblies (also in plastic or metal housings)
- > Thermally optimised power modules
- > Complex cable harnesses with integrated sensors, actuators indicator units and attachments in plastic or metal



# WORLDWIDE QUALITY FROM AUSTRIA

WHERE DECADES OF EXPERIENCE, INNOVATION AND COMPETENCE ARE, WHERE STANDARDS ARE DEVELOPED AND APPLIED, WHERE HIGH DEMANDS ARE MADE ON TECHNOLOGY AND MATERIALS, WHERE EUROPEAN KNOW-HOW AND GLOBAL STRUCTURES MERGE: THERE YOU WILL FIND US.

The products of our experience are the solutions which we develop and produce in our business fields of inductive components, automotive solutions, cable systems and power supplies.

Egston stands for worldwide experience and know-how in:

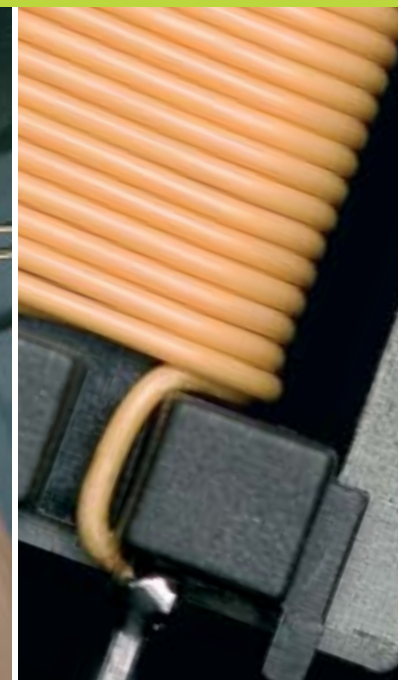
- Inductive components
- Automotive solutions
  - Cable systems
  - Power supplies
  - Subassemblies
  - Plastics

Thanks to our worldwide production and distribution locations, you will find yourself in the position to be able to count on our full support everywhere. The way to your solution is therefore always a short one.

Over and above this we have expanded and complemented the spectra of our innovation and competences still further. This includes for instance the most modern plastics technology (e.g. overmoulding) as well as the development and production of complete subassemblies – always from a one-stop source.



 **EGSTON**





Austria  
Eggenburg  
Headquarters



Czech Republic  
Jemnice



Czech Republic  
Znojmo



China  
Zhuhai



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