

CUSTOM- DESIGNED AND MANUFACTURED OF TECHNICAL PRODUCTS FROM STRIP AND WIRE

AVEK HAARLEM, TECHNICAL SPRINGS



THE SPECIAL STRENGTH OF AVEK HAARLEM



Customer focussed design and development of technical products is the scope of AVEK HAARLEM. Ever since 1966 a large number of customers have already benefited from the high-tech solutions offered by Avek Haarlem.

Customer needs form the basis

Avek Haarlem is striving to be one of the best spring manufacturers in Europe by investing in knowledge and new technology. Naturally, the products satisfy all of the client's requirements. Problem solving, thinking along with the customer specify the way we work to achieve favourable results on quality and price. Reliability and rapid delivery ensures client satisfaction.

Customer satisfaction is the main goal

COMMUNICATION.

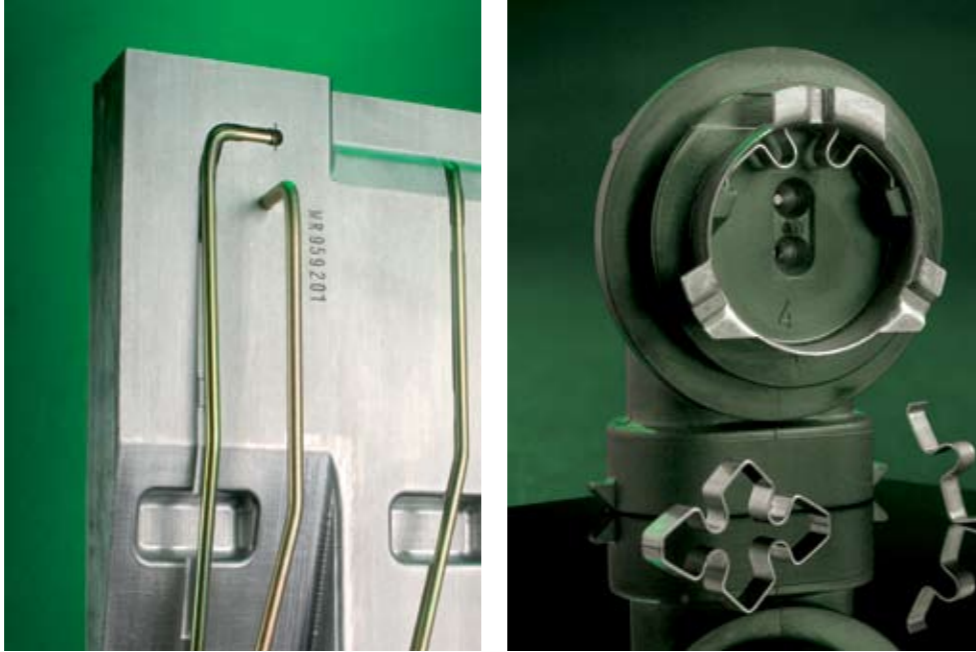
Open communication is a requirement for cooperation. Communication lines are short within Avek Haarlem. A variety in communication media are possible such as, EDI, client portals, ftp and CAD.

A ton of experience

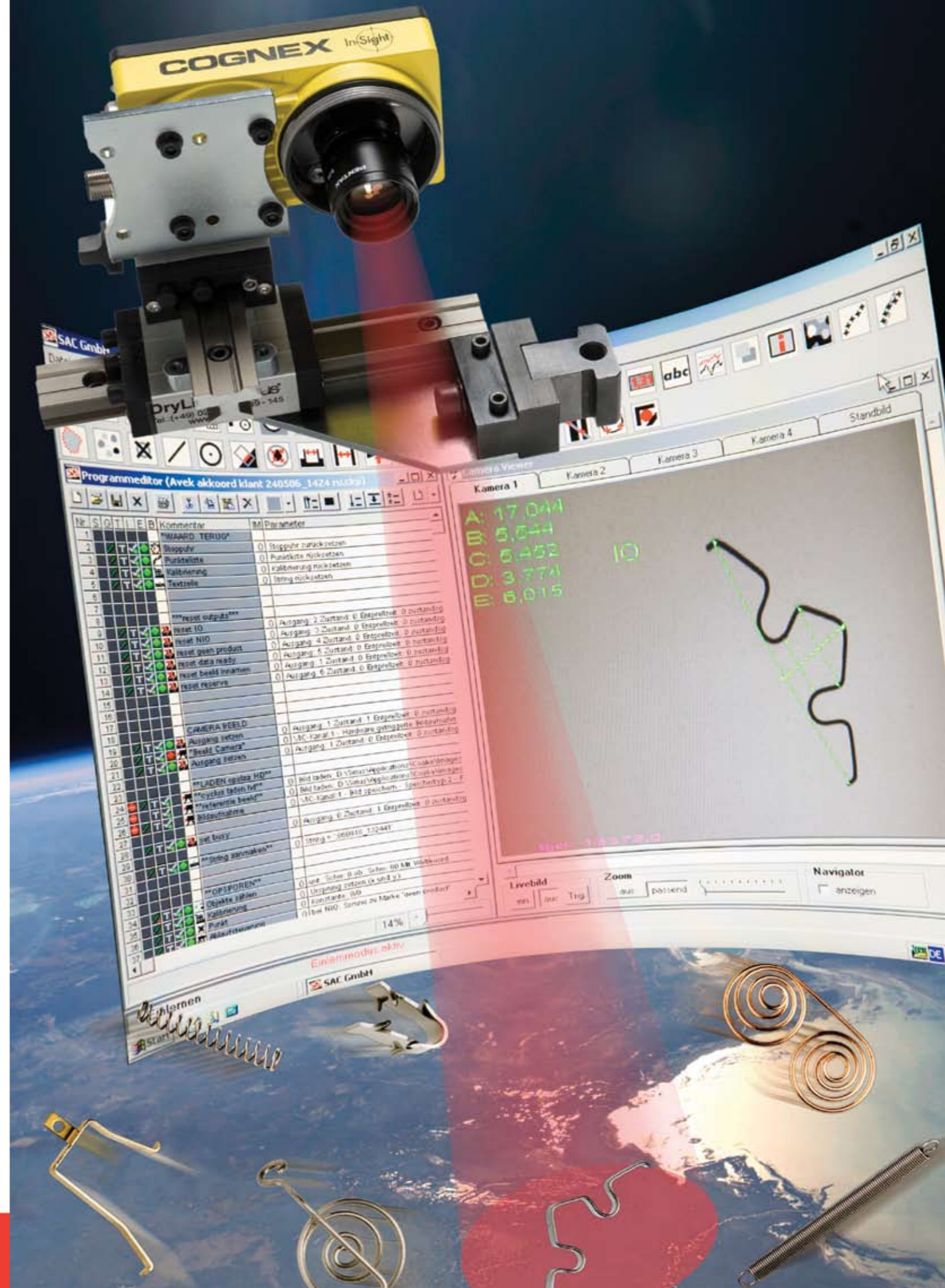
Our 40 years of experience have contributed in solving technical problems in cooperation with our customers. These products are used in a large number of sectors such as automotive, aviation, aerospace, lighting, office furniture and the electronics sector.



PRODUCT QUALITY ENSURED



Clear product specifications are agreed upon with our customers to ensure the product quality. With the help of vision and SPC systems we are able assure Zero Defect products. AVEK HAARLEM has been certified according ISO 9001:2000. When required TS 16949 specifications can be maintained.



BOTH SMALL AND LARGE SERIES



Design and development

Customers use the knowledge and experience of our R&D department in solving their technical problems. Solutions and alternatives are being found through both theoretical and experimental trials. A 3D/CAD system with a simulation module is available to calculate the life cycle time and the maximum load of the springs. Executing life cycle tests are part of our capabilities.

Projects can be executed according to the specification of the TS 16949. Our own toolmakers are continuously producing, improving and maintaining our production tools. (E.g. Bending/Cutting tools)



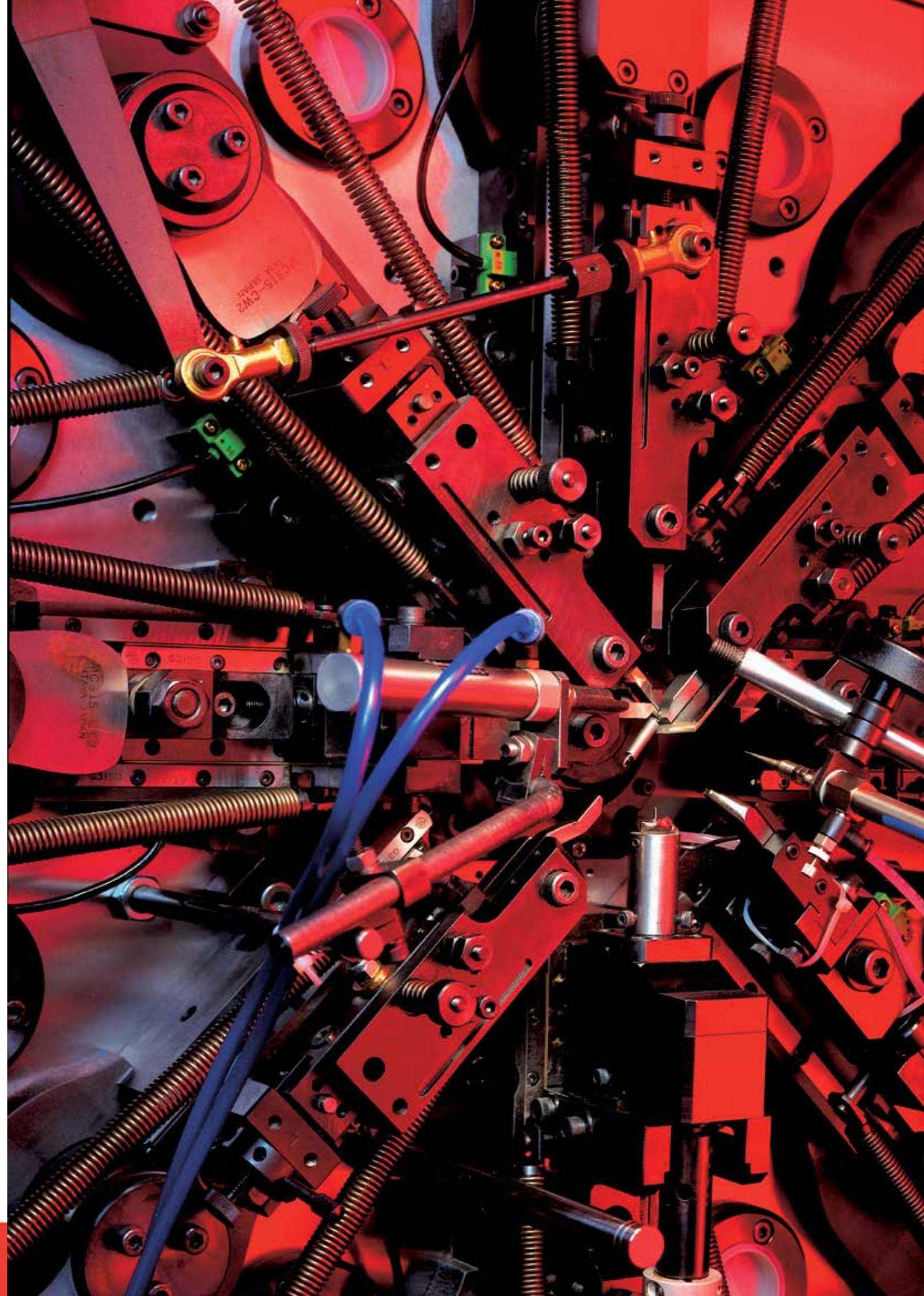
Production

Customer needs have led to special investments in modern machinery. Well-trained and experienced personnel guarantee products that meet the required specifications. Also vision systems can be used. For example, we have a fully automated production line that manufactures, measures, and packs the springs. An effective maintenance policy and our own toolmakers minimize production interruptions.

In both strip and wire, we process all kinds of materials. For example, music wire, stainless steel, Inconel X750, and Isothane.

Avek Haarlem can also take care of the complete assembly of parts.

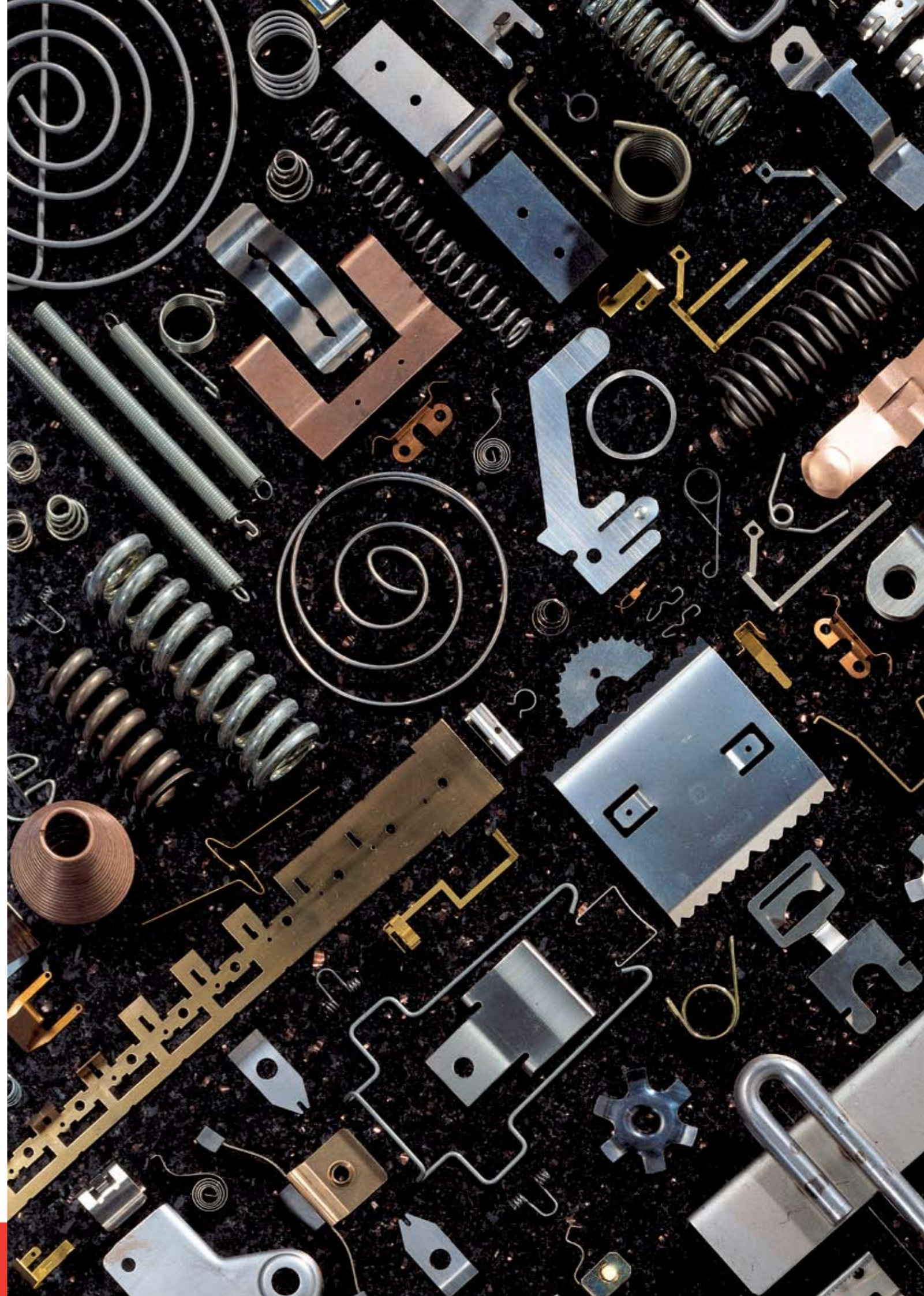
Products can also be provided with surface treatment in accordance with our client specifications.





The types of surface treatments include:

- Electrical (chemical) Polishing
- Zinc plating and passivation (in various colours)
- Powder coating
- Pickling and passivation
- Cathoresis lacquers
- Endurion with corrosion resistant finish
- Nickel and chrome finish
- Gold plating



AVEK Haarlem, the logical choice

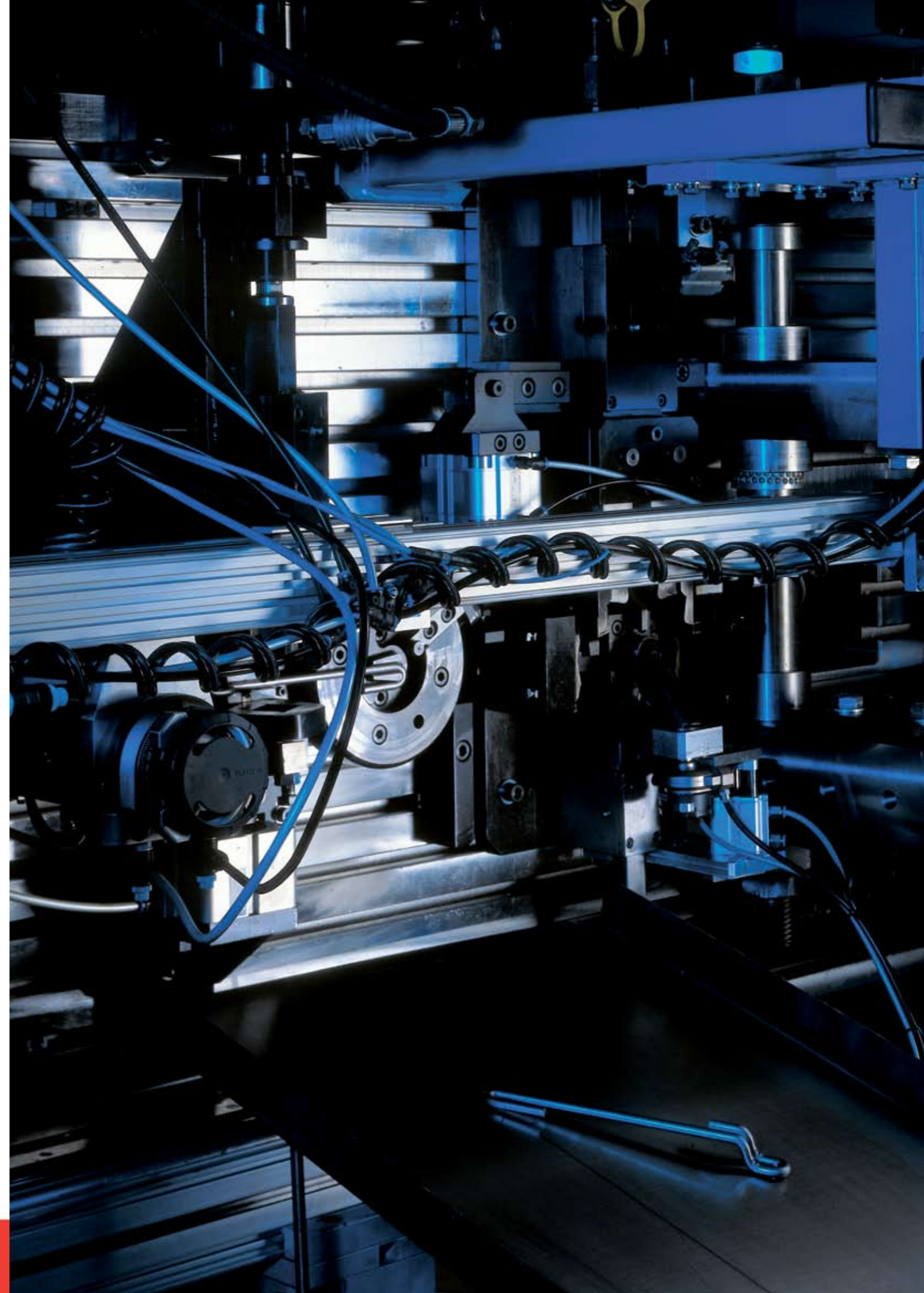
A progressive company with a clear philosophy. A company where knowledge and expertise come first, enabling a comprehensive satisfaction of customer requirements and a visible contribution in solving technical problems.

Markets

- Automotive
- Lighting
- Electrical tools
- Office furniture
- Aviation
- Aerospace
- Warehousing
- Home appliances
- Heating and ventilation industry
- Advertising displays
- Access control and systems
- Ceiling systems
- Measure and control technologies
- Traffic technologies
- Machine production
- Security systems
- Packaging industry
- Fine tools
- Filtration technology
- Engine technology



Come and experience the special strength of AVEK HAARLEM





Technical Springs

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