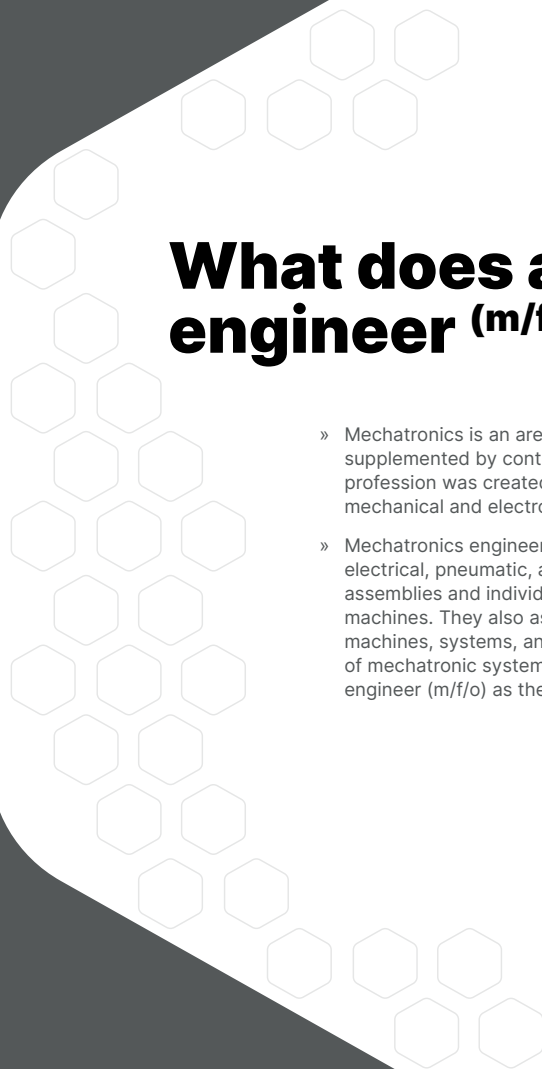




Mechatronics engineer (m/f/d)

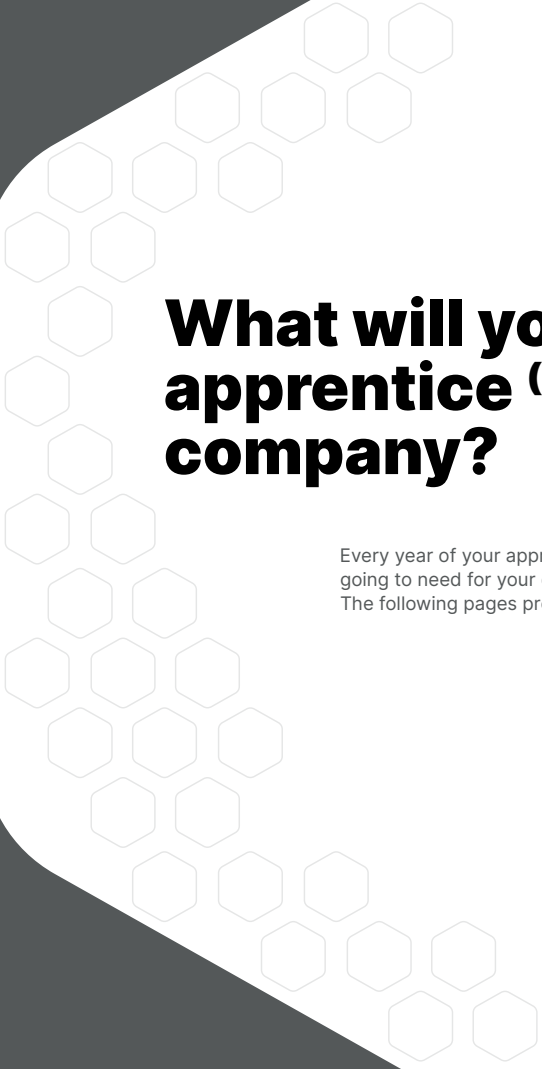
Information on the apprenticeship

A decorative pattern of white hexagons of varying sizes is arranged in a grid-like fashion, primarily along the left and top edges of the white central area, creating a modern, technical aesthetic.

What does a mechatronics engineer (m/f/d) do?

- » Mechatronics is an area that combines mechanics and electronics, supplemented by control, regulation, and information technology. The profession was created because production facilities increasingly contain mechanical and electronic components at the same time.
- » Mechatronics engineers (m/f/o) build, program, and test mechanical, electrical, pneumatic, and hydraulic control units for systems. They put assemblies and individual parts together into complex systems and machines. They also assemble, disassemble, transport, and secure these machines, systems, and plants. Maintenance, servicing, and commissioning of mechatronic systems are as much part of the activities of a mechatronics engineer (m/f/o) as the installation of associated software.



A decorative pattern of light gray hexagons arranged in a triangular shape, pointing towards the top-left corner of the white content area.

What will you do as an apprentice ^(m/f/d) at our company?

Every year of your apprenticeship will teach you all things that you are going to need for your daily work at your various training placements. The following pages provide an overview of those tasks.

The background of the slide is a faded, grayscale image of a person wearing a white lab coat, working on a piece of industrial machinery. The person is positioned on the right side of the frame, and their hands are visible near the machine. The overall tone is professional and technical.

Maintenance work

- » You will be responsible for bearings that require regular lubrication and maintenance. You will replace defective parts, repair them if possible, and top up lubricants. You will complete functional checks on individual machine parts and document the maintenance work.

Faults

- » Faults in the production systems will require troubleshooting. This means that you will look for and find the causes of faults, which will teach you about the types of faults and ultimately allow you to remove them. You will also regularly check the functions.

A smiling man with a beard is working on a project in a workshop. He is wearing a dark long-sleeved shirt and is looking down at his work. The workshop is filled with various tools and equipment, including a workbench, a saw, and a drill. The background is slightly blurred, showing shelves with various items.

Electronics

- » You will lay cables and install sockets and switches. You will learn how to install lights and read circuit diagrams.

Pneumatics

- » You will replace hoses and check pneumatic systems.

Mechanics

- » You will learn how to drill, countersink, file, sand, saw, and bend work materials. You will also assemble individual mechanical parts.

General information

- » We expect you to help with setting up, disassembling, and converting machines and putting them into operation. These tasks will also be introduced to you step by step.



Your prerequisites

If your interests and favourite subjects align with the tasks of this apprenticeship, you already have the best prerequisites. The following requirements should be met:

- » At least an intermediate secondary school leaving certificate
(*Realschulabschluss*)
- » Technical comprehension
- » Spatial imagination
- » Enjoyment of handling of technical and electronic equipment
- » Good knowledge of maths and physics
- » Ability to think in contexts and systems
- » Independence, ability to work hard, and a sense of accountability
- » Teamwork and communication skills

By the way: Feel free to ask questions you may still have. Many answers can be provided in a personal conversation.

A few more details

- » This nationally regulated training programme is offered in industry and the skilled trades.
- » This is a dual training programme that takes place both in the training company and in the vocational school.
- » The training programme lasts 3.5 years but can be shortened in particular cases.
- » If you are not certain that this is the right apprenticeship for you, you can try an internship with us to learn more.

If you have any questions beforehand:

Feel free to call us on +49 (0)4963 915 1090 at any time, send a WhatsApp message to +49 (0)152 227 915 90, or email your contact Mrs Veronika Ross directly (bewerbung@hero-group.com).



**Good reasons
to choose an
apprenticeship at
the Hero-Group**

Your benefits:

- » Trainee pay above the collective bargaining rates
- » €40 net extra per month in the form of tax-free campaigns
- » Either a Netflix or Spotify account – choose which you prefer
- » Free schoolbooks – we will cover the costs for these
- » Travel subsidies for the trips to school

What we offer:

- » Introductory days with all newly started trainees
- » Periodic feedback sessions
- » Apprenticeship in a training company with over 50 years of experience and commitment
- » Trainee projects
- » In-house training
- » An opportunity for stays abroad
- » Custom further and additional training opportunities in the form of technician/master craftsman, business or commercial specialist qualifications, etc.

In addition to our trainees, all employees enjoy

- » our company health management program with, amongst other things, regular health campaigns
- » further training
- » E-bike leasing
- » corporate events
- » capital-formation benefits
- » company pension scheme
- » free electric vehicle parking spaces
- » employee discounts
- » flexible working hours

About us



Our company was founded by Hermann Ross in the 1970s. A simple glass processing company with two employees quickly developed into a company with innovative technology and personal commitment.

Today, our group of companies has a headcount of over 300 people. Personal commitment and our passion for glass haven't changed at all over the years. We are, and remain, a family-owned, medium-sized company. Good work and long-term partnerships are important to us. This applies to our customers but is also a matter of course towards our employees. Our employees are decisive for the quality of our work. This is why we place great emphasis on the quality of their training.

Summary of our features



» has always formed the basis of our glass processing business. Upon arrival, our raw material unprocessed float glass will pass through various departments to be processed precisely in a variety of ways. Our modern production facility in Dersum comprises all processing steps required for modern glass processing: cutting, insulation glass, grinding, tempered safety glass (ESG), laminated safety glass (VSG), screen and digital printing, curved glass, and frosting. Depending on order, the glass must pass through one or several departments before it reaches its final state as a high-quality product and can be shipped. The finished product is then sent to our customers throughout Germany and worldwide. Our production site in Dersum that supplies all of Hero Group offers a significant advantage thanks to short distances and efficient internal supply chains. This saves time and costs and enables us to combine the expertise of all company divisions, enabling us to implement customer projects to their complete satisfaction.

There's a lot that can be done with the material of glass. This has allowed us to grow by two additional companies over the years.



Yachtglass

- » has offered glass systems for the international shipbuilding and yacht construction industries for more than two decades. Our services comprise not only glass production, but also surveying, installation, collaboration with classification societies, and annual onboard service and maintenance. All of this always takes place with the utmost commitment to outstanding quality, complete professionalism, and discretion.



Hero-Fire

- » specialises in development of fire-resistant glass. We develop glass structures with transparent layers that foam up when exposed to heat in the event of a fire for this purpose in order to achieve exceptionally high insulation effects. This offers effective protection against smoke and heat radiation for up to 120 minutes.

Cheat sheet ;)

We have compiled a checklist of all the important things to consider to make sure that your application is well received:

- » Submit your application approximately one year before the start of your apprenticeship (you can find the precise deadlines for our apprenticeships on our website)
- » Make sure that your application documents (cover letter, CV, certificates) reach us in a complete, tidy, and clean package
- » Your cover letter should be informative and include a brief personal introduction, your motivation for the training, and a description of your skills
- » Your CV should include your special knowledge and skills (e.g., any extracurricular activities, language courses, etc.)
- » Pay attention to correct spelling and grammar
- » For online applications, email your documents in PDF format to bewerbung@hero-group.com
(There is no need to also send the originals by post)

We look forward to meeting you!



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