



**HENRICH**  
**GERMANY**

Drawing ahead. Since 1960.



**A wired world!**

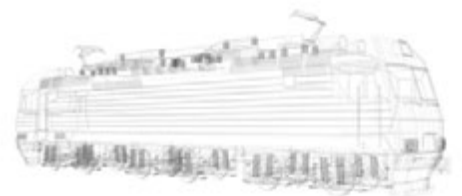
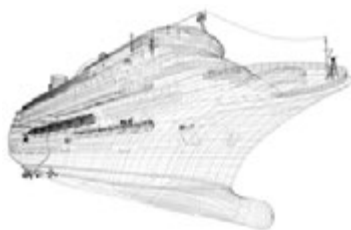
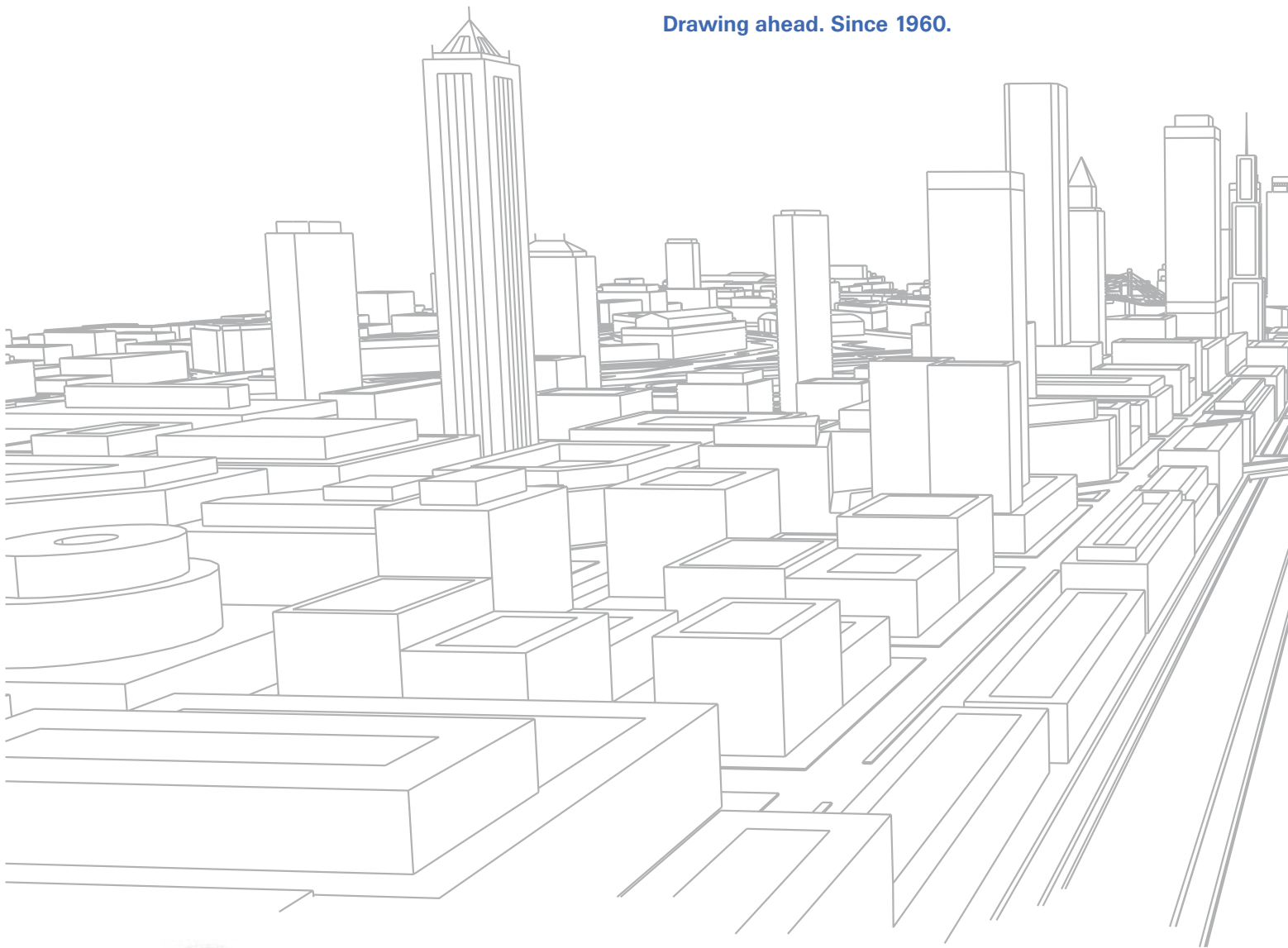
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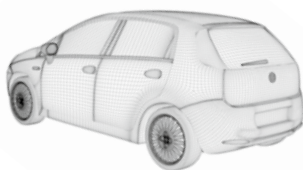
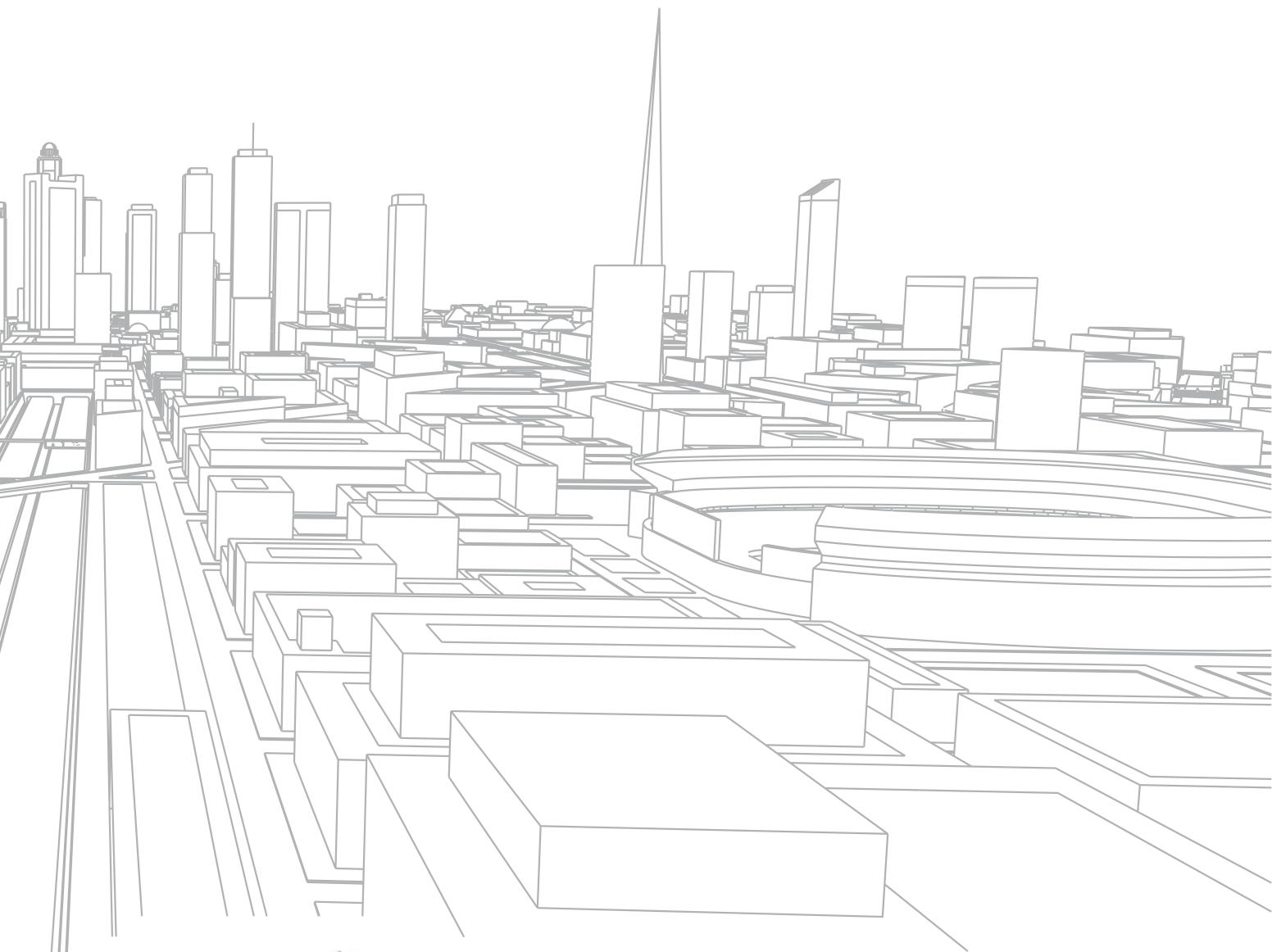
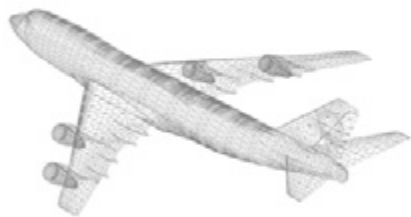
## ■ Wire connects us all!

**Greater speed. Greater precision. Henrich.** The world of the twenty-first century is networked – and modern technology is an essential part of this. The demands on Internet and telephone connections are rising dramatically, with further progress expected nearly every day. The drawing of wire is the first stage in the process of manufacturing cables and connecting lines. Demands on wire-drawing machinery are increasing at the same pace. Initially wire was drawn

simply by muscle power – heavy physical work to which, however, there was no alternative until the late Middle Ages. The wire-drawing machine itself was not invented until the end of the nineteenth century. In contrast nowadays, however, thanks to the outstanding quality of wire-drawing machinery by Henrich it is possible to achieve increasingly small diameters, best possible quality and the highest precision levels. All Henrich machines are 'made in Germany'.

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An aerial photograph of a suburban town. A river flows through the upper right portion of the image. The town is densely packed with houses and some larger buildings. In the lower left, a school complex is visible, featuring a large oval-shaped track and several rectangular buildings. One of these buildings is highlighted in red. The overall scene is a mix of residential development and natural landscape.

Drawing

ahead.

Since 1960.



# The HENRICH story

## ■ Our future rests solidly on our past

**With passion. With sustainability. Henrich.** Our home: Herborn. An industrial location with a long tradition. We are proud of the fact that for more than 50 years now we have made a contribution to economic growth and security of employment in this region. After all, we identify strongly with the people and the environment here. Together with our highly qualified personnel we do our very best every day to meet the individual wishes of our customers. To achieve this we continuously invest in new machinery and tools as well as in our workforce to ensure that in future, too, we will be able to meet the demands of our customers for quality products and services.

**Drawing ahead. Since 1960.**



**Unique. Reliable. Henrich.** As a supplier to the wire and cable industry all our products are 'made in Germany'. What differentiates us from other manufacturers:

- ▶ mechanical elements which are more robust, solid, reliable and stronger in their construction
- ▶ machines and installations with easy operation and maintenance
- ▶ resistance to wear and tear – designed for a long product life
- ▶ top speeds – short delivery times
- ▶ modules which can be switched off as a block to save energy



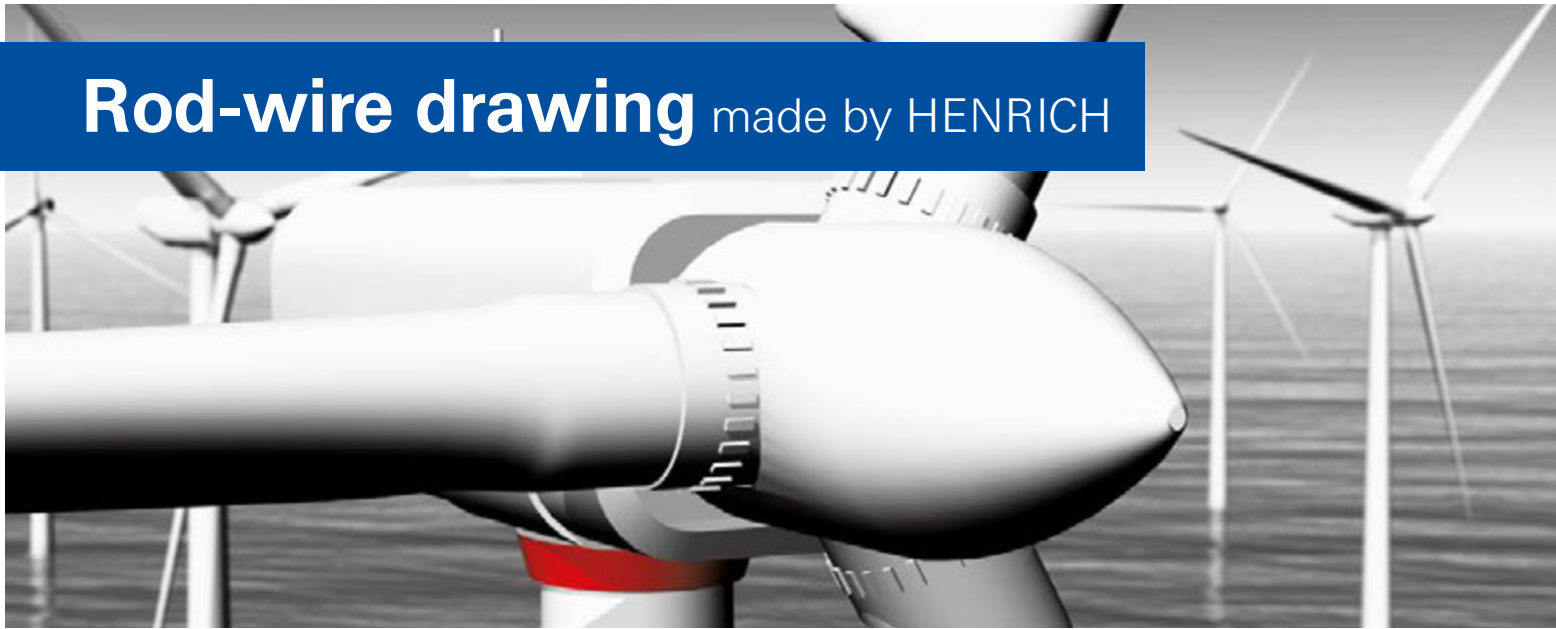
Henrich Maschinenfabrik GmbH – founded in the year 1960 – is a leading supplier of machinery to the international wire and cable industry. Our highly motivated workforce in Herborn operates with commitment on behalf of a wide range of customers. All Henrich products are 'made in Germany'.



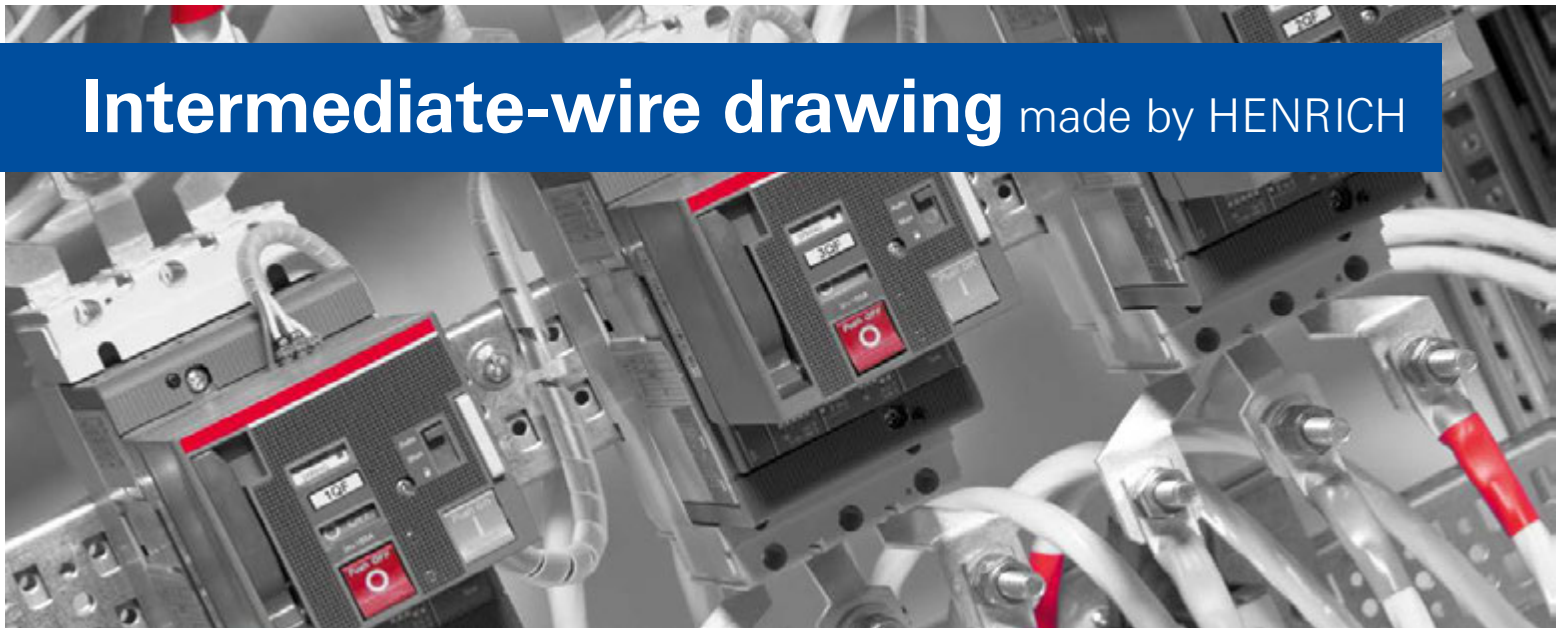
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## Rod-wire drawing made by HENRICH



## Intermediate-wire drawing made by HENRICH



## Fine-wire drawing made by HENRICH



## ■ Rod-wire drawing: 'made in Germany'

Rod-wire drawing is the first process in the drawing of wire. It begins the manufacturing process for wire, strands and conductors for cables of all kinds. Thanks to its high level of flexibility the most varied customer requirements can be met. Rod-breakdown drawing machines by Henrich enjoy great popularity thanks to their robust design.

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- ▶ High-voltage cables
- ▶ Offshore installations
- ▶ Deep-sea cables

## ■ Intermediate-wire drawing: 'made in Germany'

Henrich multi-wire drawing machines are highly effective. Thanks to their low maintenance requirements they have a significantly longer operating life than comparable machines of their type. They provide flexible results and can therefore meet any individual customer needs.

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- ▶ Telephone, network and household cables
- ▶ Special cables for medical technology
- ▶ Cables for the automotive industry

## ■ Fine-wire drawing: 'made in Germany'

Henrich fine-wire drawing machines are not just easy to operate, they are also highly compact and at the same time robust. Thanks to their highly economical design Henrich fine-wire drawing machines enjoy great popularity with customers.

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- ▶ LAN and Internet cables
- ▶ Special alloys for the software and aviation industries
- ▶ Medical technology

## ■ Henrich machines for quality wire

**Competent. Straightforward. Henrich.** Henrich Maschinenfabrik GmbH – founded in the year 1960 – is a leading supplier of machinery to the international wire and cable industry. Our highly qualified workforce operates day in, day out with skill and commitment to ensure the implementation of individual customer requirements. Everything we do is based on providing top quality and excellent service. All Henrich products are 'made in Germany'.

**Drawing ahead. Since 1960.**

### **Henrich Maschinenfabrik GmbH**

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# Rod-breakdown drawing lines

'made in **Germany**'





**Greater speed.**

**Greater precision.**

**Henrich.**

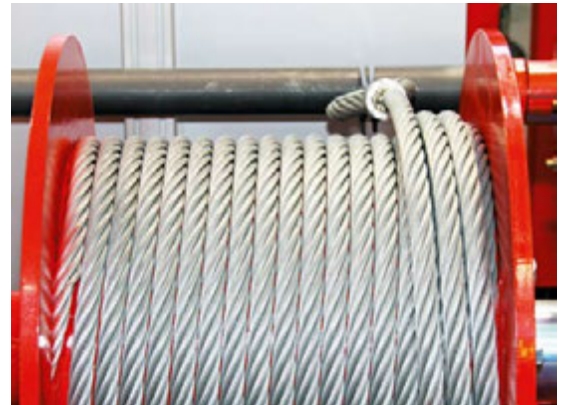


Rod-breakdown drawing machines by HENRICH

## ■ Rod-wire drawing 'made in Germany'

**Greater speed. Greater precision. Henrich.** The drawing of wire is the first stage in the process of manufacturing cables and connecting lines. Because of rapidly increasing demands on technology, the demands on the properties of wire and accordingly of wire-drawing machines are also on the increase. Ever smaller diameters, top quality and the highest level of precision are required. Wire-drawing machines by Henrich don't only meet these demands – they exceed them. Wire drawn on Rod-breakdown drawing machines forms the basis of the production process for wire, strands or conductors of all kinds and is used, for example, in high-voltage cables, offshore installations and deep-sea cables. Thanks to its flexibility the wire can be ideally adapted to individual customer requirements.

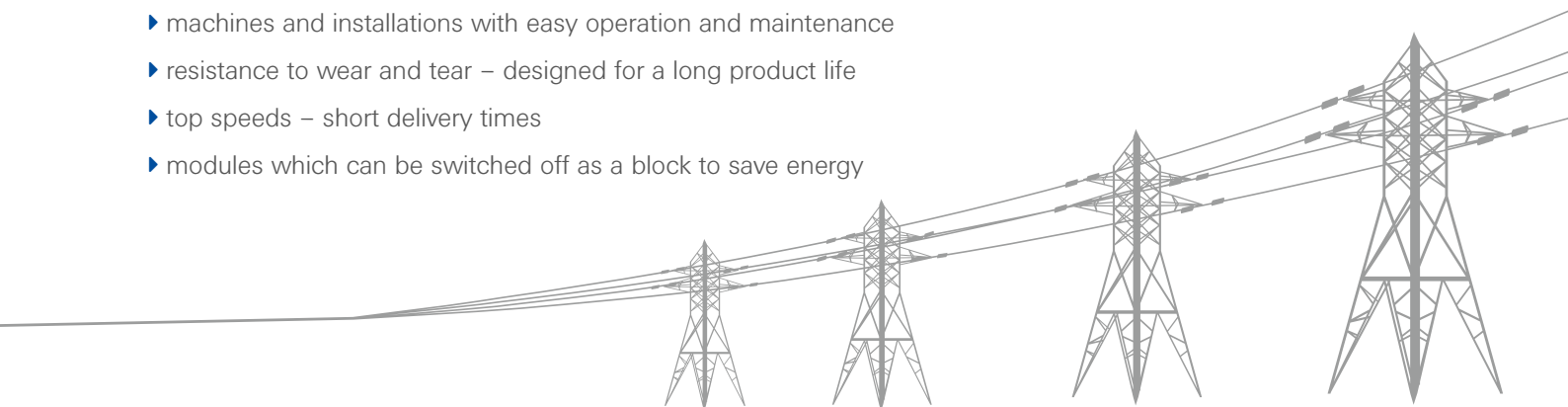
**Drawing ahead. Since 1960.**



Rod-wire drawing is the first phase of the manufacturing process for wire, strands and conductors of all types. Because of their robust design Henrich Rod-breakdown drawing machines enjoy great popularity with customers – and have done so for more than 50 years.

**Unique. Reliable. Henrich.** As a supplier to the wire and cable industry all our products are 'made in Germany'. What differentiates us from other manufacturers:

- ▶ mechanical elements which are more robust, solid, reliable and stronger in their construction
- ▶ machines and installations with easy operation and maintenance
- ▶ resistance to wear and tear – designed for a long product life
- ▶ top speeds – short delivery times
- ▶ modules which can be switched off as a block to save energy



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**Greater speed.**

**Greater robustness.**

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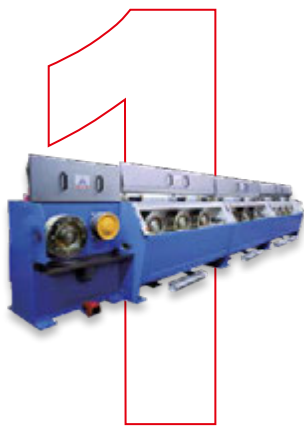
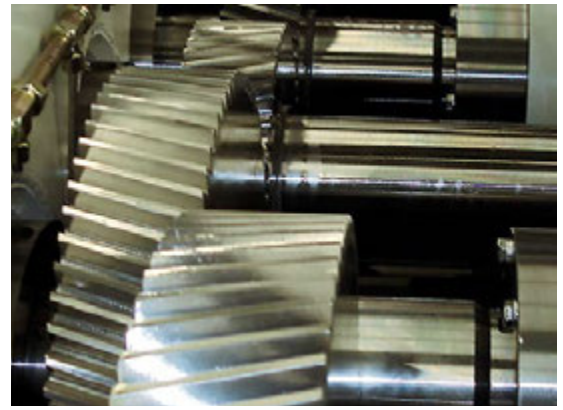


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## ■ 'The line' by HENRICH

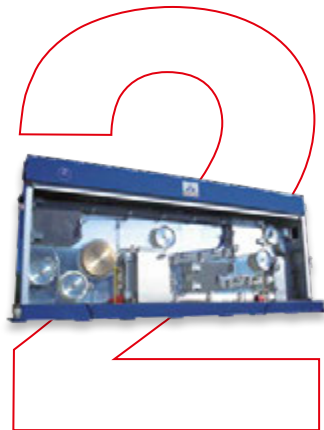
**Greater speed. Greater robustness. Henrich.** All Henrich products are 'made in Germany', a feature to which our company attaches great value. They are characterised by compact design and are built to last. Innovative products and outstanding quality combined with ease of operation – this is what we offer you, backed up by made-to-measure services. These include not only the training of operating personnel but also the upgrade of installations.

**Drawing ahead. Since 1960.**



### Wire-drawing machine

Especially efficient – especially robust and durable. Depending on requirements our Rod-breakdown drawing machine is available as a gear drive or individual drive version in a compact housing or in modules, and offers top quality combined with outstanding efficiency. The Rod-breakdown machine is adapted individually to customer requirements, because in the final analysis this is the only way to achieve optimum results and the greatest possible customer satisfaction.



### Continuous resistance annealer

The Henrich annealer enables the production of high precision wire at all times. During the entire operating and production time our continuous resistance annealer provides the constant elongation of the material to narrow tolerances required by the customer. Its efficient design and precise wire guide enable highly effective speeds and above-average output.



### Spoolers

Dynamics spoolers. Single spoolers. Double spoolers. Bundle packers. Barrel coilers. Manual or automatic operation. We provide you with exactly the product you require in order to produce or process wire as the end product. Our spoolers can be integrated without difficulty into complete installations.

## Rod-breakdown drawing machine

■ S



### Gear drive

**Material:** Copper, Aluminium, Alloy  
**Inlet dia.:** 9,50 mm  
**Finish wire dia.:** 0,80 – 5,50 mm  
**No. of drafts:** 9, 11, 13, 15  
**No. of wires:** max. 3  
**Speed:** max. 36 m/s  
**Die elongation:** 41 – 26% per draft

## Rod-breakdown drawing machine

■ SHM



### Gear drive/modular design

**Material:** Copper, Aluminium, Alloy  
**Inlet dia.:** 9,50 mm  
**Finish wire dia.:** 0,80 – 5,50 mm  
**No. of drafts:** variable 7 – 17  
**No. of wires:** max. 2  
**Speed:** max. 40 m/s  
**Die elongation:** 41 – 26% per draft

## Rod-breakdown drawing machine

■ SE-SM



### Individual drive

**Material:** Copper, Aluminium, Alloy  
**Inlet dia.:** 9,50 mm  
**Finish wire dia.:** 0,80 – 5,50 mm  
**No. of drafts:** 9, 11, 13, 15  
**No. of wires:** max. 2  
**Speed:** max. 40 m/s  
**Die elongation:** variable to 50% per draft

## Continuous resistance annealer

■ EA-355



**Material:** Copper  
**Finish wire dia.:** 0,80 – 3,60 mm  
**No. of wires:** 1  
**Speed:** max. 36 m/s  
**Contact sheave dia.:** 355 mm

## Continuous resistance annealer

■ ES-501



**Material:** Copper  
**Finish wire dia.:** 0,80 – 4,00 mm  
**No. of wires:** max. 2  
**Speed:** max. 36 m/s  
**Contact sheave dia.:** 500 mm

## Continuous resistance annealer

■ EAHE-400



**Material:** Copper, Aluminium, Alloy  
**Finish wire dia.:** 0,80 – 4,00 mm  
**No. of wires:** 1  
**Speed:** max. 40 m/s  
**Contact sheave dia.:** 400 mm

## Single spooler

■ GS-0632/-0802



**Finish wire dia.:** 0,10 – 5,50 mm  
**No. of wires:** 1 – 24  
**Speed:** max. 40 m/s  
**Spool flange dia.:** 560, 630, 800 mm

## Automatic single spooler

■ GS-0632-A/-0801-A



**Finish wire dia.:** 0,10 – 5,50 mm  
**No. of wires:** 1 – 24  
**Speed:** max. 40 m/s  
**Spool flange dia.:** 560, 630, 800 mm

## Automatic double spooler

■ GS-0632-D/-0801-D



**Finish wire dia.:** 0,10 – 5,50 mm  
**No. of wires:** 1 – 24  
**Speed:** max. 40 m/s  
**Spool flange dia.:** 560, 630, 800 mm



## Rod-breakdown drawing machine

■ AE-SLQ



### Individual drive

**Material:** Copper, Aluminium, Brass, Alloy  
**Inlet dia.:** 4,50 mm  
**Finish wire dia.:** 0,20 – 2,50 mm  
**No. of drafts:** variable 9 – 23  
**No. of wires:** 1  
**Speed:** max. 40 m/s  
**Die elongation:** variable 50% per draft

## Rod-breakdown drawing machine

■ SE-SLQ



### Individual drive

**Material:** Copper, Aluminium, Alloy  
**Inlet dia.:** 9,50 mm  
**Finish wire dia.:** 0,80 – 5,50 mm  
**No. of drafts:** 9, 11, 13, 15  
**No. of wires:** 1  
**Speed:** max. 40 m/s  
**Die elongation:** variable to 50% per draft

## Profile wire drawing machine

■ HTH



### Individual drive

**Material:** Copper, Aluminium, Alloy  
**Inlet dia.:** max. 28,00 mm  
**Finish wire dia.:** Trolley  
**No. of drafts:** variable 1 – 6  
**No. of wires:** 1  
**Speed:** max. 60 m/min.  
**Capstan dia.:** 900 mm

## Continuous resistance annealer

■ ESHE-601



**Material:** Copper, Aluminium, Alloy  
**Finish wire dia.:** 1,00 – 5,50 mm  
**No. of wires:** max. 2  
**Speed:** max. 40 m/s  
**Contact sheave dia.:** 600 mm

## Bundle packer

■ B-1000 / -1250



**Finish wire dia.:** 1,00 – 4,50 mm (soft)  
 1,30 – 3,50 mm (hard)  
**No. of wires:** 1  
**Speed:** max. 32 m/s  
**Spool flange dia.:** 1000, 1250 mm

## Bundle packer

■ B-0630 / -0800



**Finish wire dia.:** 0,10 – 4,50 mm (soft)  
 1,00 – 3,50 mm (hard)  
**No. of wires:** 1  
**Speed:** max. 32 m/s  
**Spool flange dia.:** 630, 800 mm

## Barrel coiler

■ HFW-650 / -800 / -1025



**Finish wire dia.:** 0,80 – 3,60 mm (soft)  
 1,00 – 3,00 mm (hard)  
**No. of wires:** 1  
**Speed:** max. 32 m/s  
**Coiling capstan dia.:** 650, 800, 1025 mm

## Profile wire spooler

■ GSO-1200 / -2000



**Finish wire dia.:** Trolley  
**No. of wires:** 1  
**Speed:** max. 60 m/min.  
**Spool flange dia.:** 900 – 2000 mm

## ■ Henrich machines for quality wire

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# Intermediate-wire drawing lines

'made in **Germany**'





**Greater speed.**

**Greater precision.**

**Henrich.**



## Intermediate-wire machines by HENRICH

### ■ Multi-wire drawing 'made in Germany'

**Greater speed. Greater precision. Henrich.** In today's world we can no longer do without intermediate-wire drawing machines. Only a couple of decades ago nobody could have imagined the role which wire would play in the fields of communications and medical technology. It is now irreplaceable in data and LAN cables. Used mainly for producing telephone, network and household cables as well as special cables for medical technology and the automobile industry, the extremely robust intermediate-wire drawing machinery produced by Henrich is becoming more important all the time. In these areas the demands on flexible cables are increasing daily. The top-quality machines manufactured by Henrich – all 'made in Germany' – meet these constantly rising demands.

**Drawing ahead. Since 1960.**



Henrich intermediate-wire machines achieve highly efficient speeds of up to 40m/s. They can process up to 28 wires simultaneously – an absolute peak value. In addition to its wide-ranging standard programme Henrich flexibly provides special, customer-specific solutions.

**Unique. Reliable. Henrich.** As a supplier to the wire and cable industry all our products are 'made in Germany'. What differentiates us from other manufacturers:

- ▶ mechanical elements which are more robust, solid, reliable and stronger in their construction
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- ▶ resistance to wear and tear – designed for a long product life
- ▶ top speeds – short delivery times
- ▶ modules which can be switched off as a block to save energy



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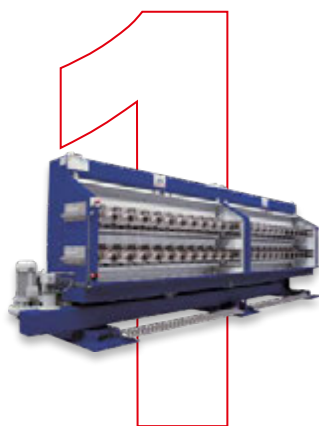
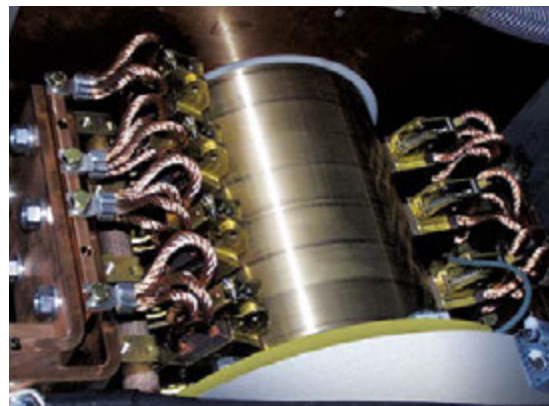
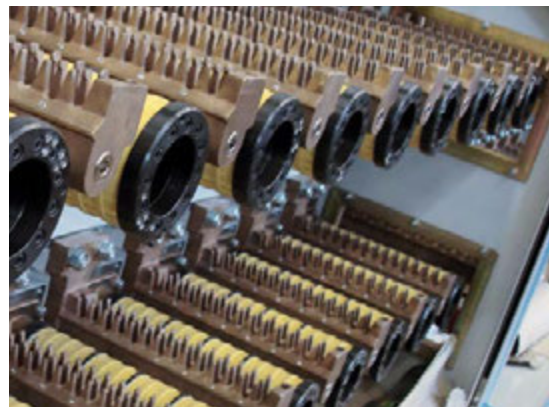


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## ■ 'The line' by HENRICH

**Greater speed. Greater robustness. Henrich.** All Henrich products are 'made in Germany', a feature to which our company attaches great value. They are characterised by compact design and are built to last. Innovative products and outstanding quality combined with ease of operation – this is what we offer you, backed up by made-to-measure services. These include not only the training of operating personnel but also the upgrade of installations.

**Drawing ahead. Since 1960.**



### Wire-drawing machine

Our multi-wire drawing machines for blank and tinned copper wire and aluminium – together with a large range of alloys – are all of outstanding quality. They deliver highly efficient results with little maintenance and excellent resistance to wear and tear.



### Continuous resistance annealer

The Henrich annealer enables the production of high precision wire at all times. During the entire operating and production time our continuous resistance annealer provides the constant elongation of the material to narrow tolerances required by the customer. Its efficient design and precise wire guide enable highly effective speeds and above-average output.



### Spoolers

Dynamics spoolers. Single spoolers. Double spoolers. Bundle packers. Barrel coilers. Manual or automatic operation. We provide you with exactly the product you require in order to produce or process wire as the end product. Our spoolers can be integrated without difficulty into complete installations.

## Intermediate-wire drawing machine

■ MIK



### Gear drive/individual drive

**Material:** Copper, Aluminium, Alloy  
**Inlet dia.:** 2,60 mm  
**Finish wire dia.:** 0,20 – 1,30 mm  
**No. of drafts:** 17 – 25  
**No. of wires:** 4 – 20  
**Speed:** max. 36 m/s  
**Die elongation:** 26 – 15% per draft  
**Capstan dia.:** 35 mm, 100 mm

## Intermediate-wire drawing machine

■ MK



### Gear drive/individual drive

**Material:** Copper, Aluminium, Alloy  
**Inlet dia.:** 2,05 mm  
**Finish wire dia.:** 0,15 – 0,60 mm  
**No. of drafts:** 17 – 33  
**No. of wires:** 4 – 32  
**Speed:** max. 36 m/s  
**Die elongation:** 26 – 15% per draft  
**Capstan dia.:** 100 mm

## Intermediate-wire drawing machine

■ MKN



### Gear drive/individual drive

**Material:** Copper, Aluminium, Alloy  
**Inlet dia.:** 2,05 mm  
**Finish wire dia.:** 0,10 – 0,40 mm  
**No. of drafts:** 17 – 33  
**No. of wires:** 4 – 32  
**Speed:** max. 36 m/s  
**Die elongation:** 26 – 15% per draft  
**Capstan dia.:** 100 mm, 80 mm

## Intermediate-wire drawing machine

■ MN



### Gear drive/individual drive

**Material:** Copper, Aluminium, Alloy  
**Inlet dia.:** 1,60 mm  
**Finish wire dia.:** 0,05 – 0,30 mm  
**No. of drafts:** 17 – 33  
**No. of wires:** 8 – 24  
**Speed:** max. 36 m/s  
**Die elongation:** 26 – 15% per draft  
**Capstan dia.:** 80 mm

## Intermediate-wire drawing machine

■ G



### Gear drive

**Material:** Copper, Alloy  
**Inlet dia.:** 3,50 mm  
**Finish wire dia.:** 0,30 – 1,80 mm  
**No. of drafts:** 12 – 19  
**No. of wires:** 1 – 8  
**Speed:** max. 40 m/s  
**Die elongation:** 26%, 28% per draft

## Intermediate-wire drawing machine

■ UWG



### Belt drive

**Material:** Copper, Alloy  
**Inlet dia.:** 3,26 mm  
**Finish wire dia.:** 0,10 – 1,02  
**No. of drafts:** 17 – 31  
**No. of wires:** 1  
**Speed:** max. 40 m/min.  
**Die elongation:** 26 – 15% per draft

## Intermediate-wire drawing machine

■ WGV



### Belt drive

**Material:** Copper  
**Inlet dia.:** 3,50 mm  
**Finish wire dia.:** 0,25 – 1,80 mm  
**No. of drafts:** 17 – 25  
**No. of wires:** 1  
**Speed:** max. 40 m/s  
**Die elongation:** 26% per draft

## Intermediate-wire drawing machine

■ AE-SLQ



### Individual drive

**Material:** Copper, Aluminium, Brass, Alloy  
**Inlet dia.:** 4,50 mm  
**Finish wire dia.:** 0,20 – 2,50 mm  
**No. of drafts:** variable 9 – 23  
**No. of wires:** 1  
**Speed:** max. 40 m/s  
**Die elongation:** variable to 50% per draft



**Continuous resistance annealer**  
**EGM-240**



**Material:** Copper, Alloy  
**Finish wire dia.:** 0,25 – 1,30 mm  
**No. of wires:** 1 – 24  
**Speed:** max. 36 m/s  
**Contact sheave dia.:** 240 mm

**Continuous resistance annealer**  
**EGME-240**



**Material:** Copper, Alloy  
**Finish wire dia.:** 0,25 – 1,30 mm  
**No. of wires:** 4 – 32  
**Speed:** max. 36 m/s  
**Contact sheave dia.:** 240 mm

**Continuous resistance annealer**  
**EIM-160**



**Material:** Copper, Alloy  
**Finish wire dia.:** 0,10 – 0,60 mm  
**No. of wires:** 1 – 24  
**Speed:** max. 36 m/s  
**Contact sheave dia.:** 160 mm

**Continuous resistance annealer**  
**EIME-160**



**Material:** Copper, Aluminium, Alloy  
**Finish wire dia.:** 0,10 – 0,60 mm  
**No. of wires:** 4 – 16  
**Speed:** max. 15 m/s  
**Contact sheave dia.:** 160 mm

**Bundle packer**  
**B-0630 / -0800**



**Finish wire dia.:** 0,10 – 4,50 mm (soft)  
 1,30 – 3,50 mm (hard)  
**No. of wires:** 1  
**Speed:** max. 32 m/s  
**Spool flange dia.:** 630, 800 mm

**Barrel coiler**  
**HFW-650 / -800 / -1025**



**Finish wire dia.:** 0,80 – 3,60 mm (soft)  
 1,00 – 3,00 mm (hard)  
**No. of wires:** 1  
**Speed:** max. 32 m/s  
**Coiling capstan dia.:** 650, 800, 1025 mm

**Single spooler**  
**GS-0632 / -0802**



**Finish wire dia.:** 0,10 – 5,50 mm  
**No. of wires:** 1 – 24  
**Speed:** max. 40 m/s  
**Spool flange dia.:** 560, 630, 800 mm

**Automatic single spooler**  
**GS-0632-A / -0801-A**



**Finish wire dia.:** 0,10 – 5,50 mm  
**No. of wires:** 1 – 24  
**Speed:** max. 40 m/s  
**Spool flange dia.:** 560, 630, 800 mm

**Automatic double spooler**  
**GS-0632-D / -0801-D**



**Finish wire dia.:** 0,10 – 5,50 mm  
**No. of wires:** 1 – 24  
**Speed:** max. 40 m/s  
**Spool flange dia.:** 560, 630, 800 mm

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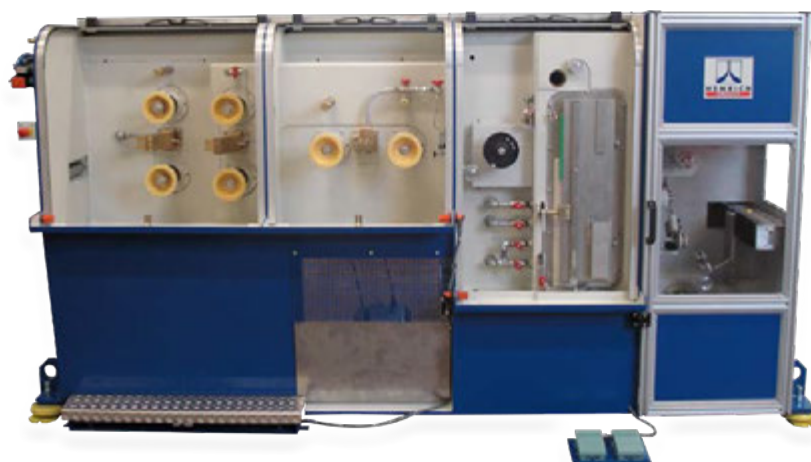


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# Fine-wire drawing lines

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**Greater precision.**

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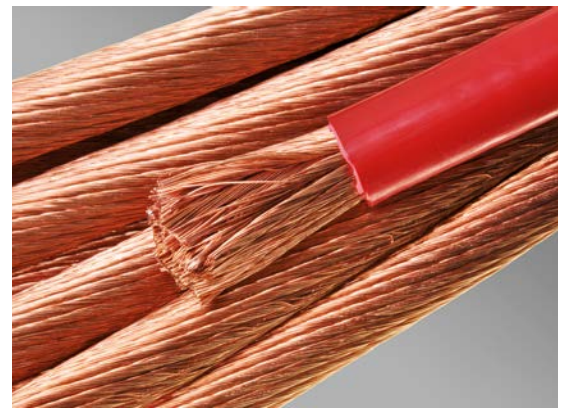


## Fine-wire drawing machines by HENRICH

### ■ Fine-wire 'made in Germany'

**Greater speed. Greater precision. Henrich.** Because of rapidly growing demands on technology, ever thinner and more finely drawn wire – and of course the wire-drawing machines which produce it – are becoming significantly more important. For society it has become indispensable in the field of LAN and Internet cabling, for example. This is where the superfine and ultrafine-wire drawing machines produced by Henrich come into their own – not least in applications within the aircraft industry and medical technology. The absolute finest wire is nowadays also essential to the special alloys used by the software industry. The top-quality machines produced by Henrich – all 'made in Germany' – meet these constantly rising demands.

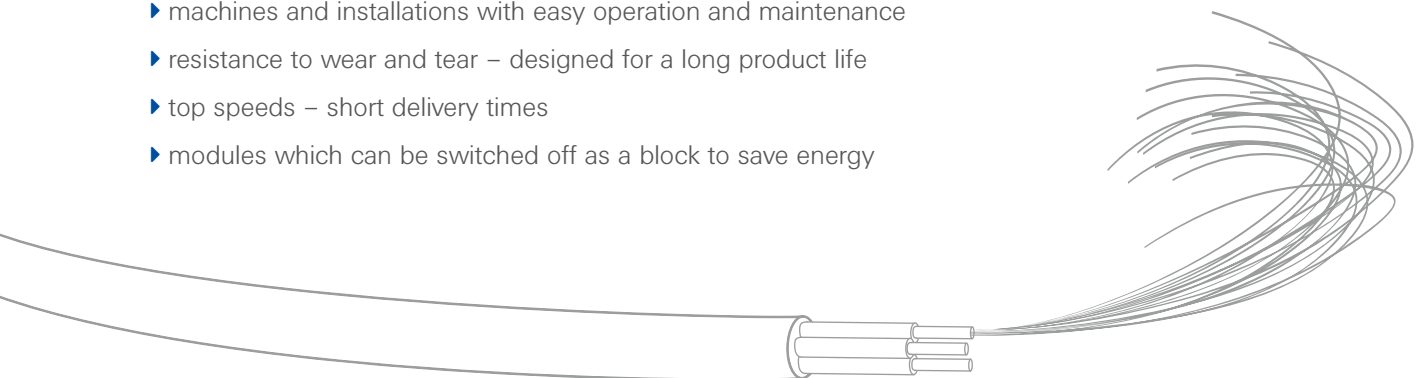
**Drawing ahead. Since 1960.**



The production of fine wire requires machinery produced to the highest precision standards. Henrich fine-wire drawing machines meet these requirements. They are compact and robust at the same time. And as a result of their highly economical design they enjoy great popularity among customers. Their perfectly thought-through ergonomic features mean that they are easy to operate.

**Unique. Reliable. Henrich.** As a supplier to the wire and cable industry all our products are 'made in Germany'. What differentiates us from other manufacturers:

- ▶ mechanical elements which are more robust, solid, reliable and stronger in their construction
- ▶ machines and installations with easy operation and maintenance
- ▶ resistance to wear and tear – designed for a long product life
- ▶ top speeds – short delivery times
- ▶ modules which can be switched off as a block to save energy



**HENRICH**  
**GERMANY**





**Greater speed.**

**Greater robustness.**

**Henrich.**



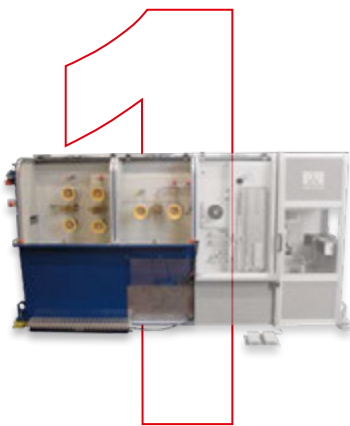


Everything from a single source

## ■ 'The line' by HENRICH

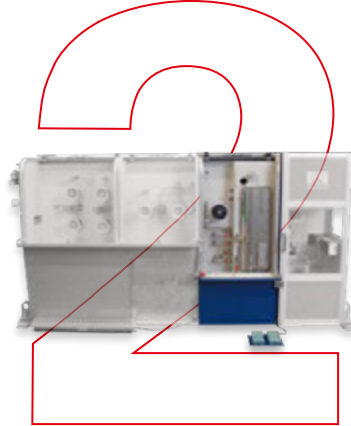
**Greater speed. Greater robustness. Henrich.** All Henrich products are 'made in Germany', a feature to which our company attaches great value. They are characterised by compact design and are built to last. Innovative products and outstanding quality combined with ease of operation – this is what we offer you, backed up by made-to-measure services. These include not only the training of operating personnel but also the upgrade of installations.

**Drawing ahead. Since 1960.**



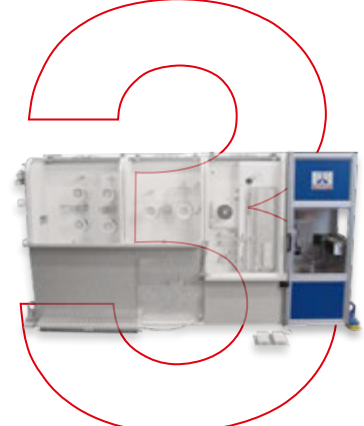
### Wire-drawing machine

Greater speed. Greater robustness. Greater efficiency. Our superfine and ultrafine wire-drawing machines, optionally with integrated annealing or take-up, are known for their excellent quality and long service life.



### Continuous resistance annealer

The Henrich annealer enables the production of high precision wire at all times. During the entire operating and production time our continuous resistance annealer provides the constant elongation of the material to narrow tolerances required by the customer. Its efficient design and precise wire guide enable highly effective speeds and above-average output.



### Spoolers

Dynamics spoolers. Single spoolers. Double spoolers. Bundle packers. Barrel coilers. Manual or automatic operation. We provide you with exactly the product you require in order to produce or process wire as the end product. Our spoolers can be integrated without difficulty into complete installations.

## ■ Compact fine-wire drawing lines



Fine-wire drawing machine

■ UWG

### Annealing integrated

Material: Copper, Alloy  
Inlet dia.: 3,26 mm  
Finish wire dia.: 0,10 – 1,02  
No. of drafts: 17 – 31  
No. of wires: 1  
Speed: max. 40 m/min.  
Die elongation: 26 – 15% per draft



Fine-wire drawing machine

■ XS

### Annealing and take-up integrated

Material: Copper, Alloy  
Inlet dia.: 1,30 mm  
Finish wire dia.: 0,05 – 0,32 mm  
No. of drafts: 19 – 29  
No. of wires: 1  
Speed: max. 40 m/s  
Die elongation: 26 – 50% per draft



Fine-wire drawing machine

■ Z

### Spooler GSO-0125 integrated

Material: Copper, Aluminium, Brass, Gold, Silver, Alloy  
Inlet dia.: 0,060 mm  
Finish wire dia.: 0,005 – 0,030 mm  
No. of drafts: 9 – 16  
No. of wires: 1  
Speed: max. 15 m/s  
Die elongation: 10 – 6% per draft

## ■ Fine-wire drawing lines - separate modules



Fine-wire drawing machine

■ MN

### Gear drive/individual drive

Material: Copper, Aluminium, Alloy  
Inlet dia.: 1,60 mm  
Finish wire dia.: 0,05 – 0,30 mm  
No. of drafts: 17 – 33  
No. of wires: 8 – 24  
Speed: max. 36 m/s  
Die elongation: 26 – 15% per draft  
Capstan dia.: 80 mm



Continuous resistance annealer

■ ENM

Material: Copper  
Finish wire dia.: 0,05 – 0,26 mm  
No. of wires: 8 – 24  
Speed: max. 32 m/s  
Contact sheave dia.: 108 mm



## ■ Take-up systems



Single spoolers –  
Double spoolers –  
Automatic spoolers

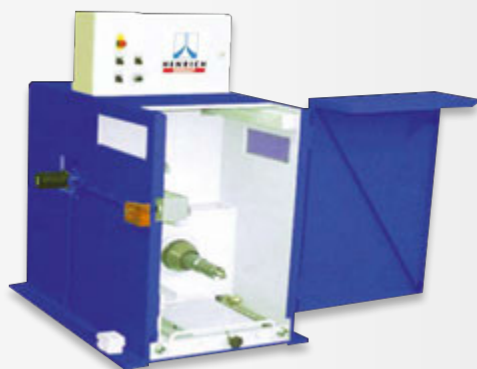
■ **GS-0200 – GS-0451**

Finish wire dia.: 0,05 – 1,00 mm

No. of wires: 1 – 16

Speed: max. 40 m/s

Spool flange dia.: 200 – 450 mm



## ■ Henrich machines for quality wire

**Competent. Straightforward. Henrich.** Henrich Maschinenfabrik GmbH – founded in the year 1960 – is a leading supplier of machinery to the international wire and cable industry. Our highly qualified workforce operates day in, day out with skill and commitment to ensure the implementation of individual customer requirements. Everything we do is based on providing top quality and excellent service. All Henrich products are 'made in Germany'.

**Drawing ahead. Since 1960.**

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