

# WIREF DRAHT

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August

English edition of the  
magazine for the spring,  
wire and cable industry  
[www.wire-magazine.de](http://www.wire-magazine.de)



## FUL 126



Increase of parallel  
pitch travel  
up to 160 mm



Feed speed  
up to 100 m/min



Rotary cut  
up to 12.0 mm

We present the CNC Compression Spring Machine FUL 126.  
The Standard in the Spring Industry for the production of technical springs up to  
a wire diameter of 12.00 mm and a tensile strength of 2000 N/mm<sup>2</sup>.

SAVE >>>  
THE DATE >>>

REUTLINGEN E-MOBILITY DAYS 2023  
Exclusive from October 17 – 19, 2023 in Reutlingen

RED 2023

Spring manufacturing  
Grinding machine for each spring  
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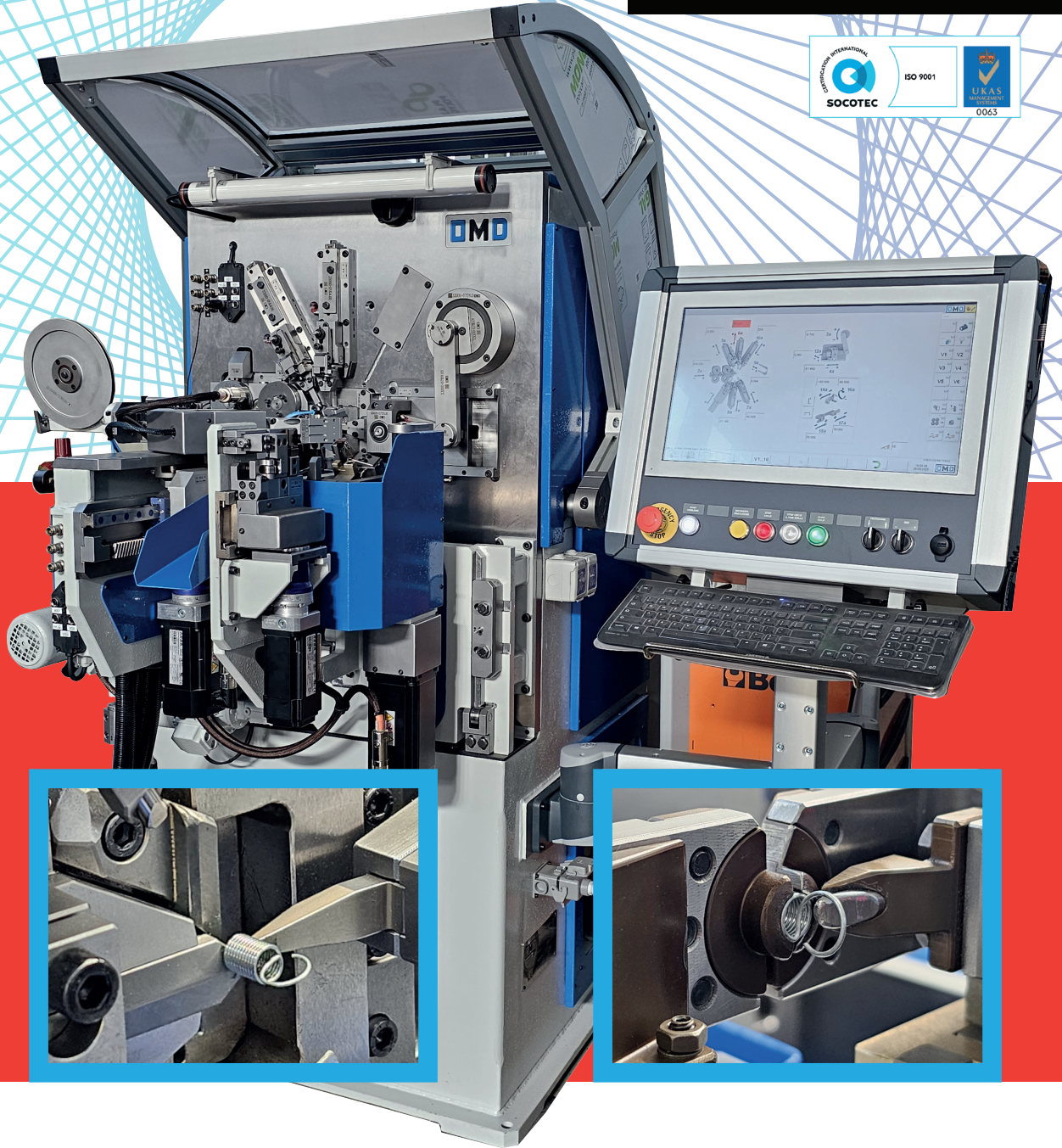
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Successful busbar production  
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# TENSION SPRING MACHINES

Z1 Z2 Z4.5

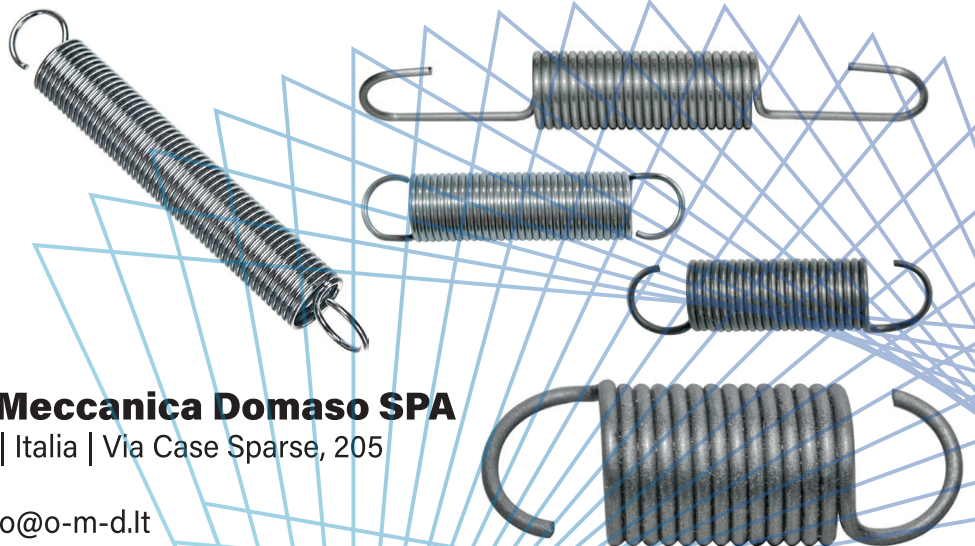


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# Growth markets wanted



Where will my market be in the future? It is a question that countless businesses in the spring, wire and cable industry are currently asking. At some sites in Germany, the issue of location is already being raised, in view of rising energy costs. Trade fairs can provide clues and right now in the late summer of 2023, several fairs are lining up like pearls on a string.

In Istanbul, 'wire and Tube Eurasia', which took place for the first time at the end of May, gathered together 210 exhibitors from the sector, presenting

their technologies in the wire, cable and tube industry on an 8,100m<sup>2</sup> site in Turkey.

In Cairo, 'wire and Tube Middle East Africa' launches from 2 to 4 September. According to fair organiser Messe Düsseldorf, 350 companies from 19 countries have already registered for this. Then from 4 to 7 September, 'wire China' follows on seamlessly in Shanghai. It is succeeded by 'wire Southeast Asia' in Bangkok, from 20 to 22 September.

In October, then comes 'wire South America' from the 3rd to the 5th in Sao Paulo and, from the 6th to the 8th, 'Cable+Wire Fair India' in New Delhi. The year closes with 'Cable+Wire West Coast' from the German Association of Wire and Cable Machine Manufacturers in Los Angeles, from 7 to 8 November. Opportunities enough, then, for wire and cable machine manufacturers to present their new introductions around the world.

At the start of next year, the new 'wire Mexico' will be added. This takes place from 30 January to 2 February 2024 in Monterrey, leaving hardly any white spaces left – except for Australia/Oceania – on the 'wire' world map. And 'Homebase Düsseldorf' returns from 15 to 19 April 2024.

Alongside the European view, this current edition of WIRE presents contributions from Asia and America. Stay up to date at [www.wire-magazine.de](http://www.wire-magazine.de) or follow us on LinkedIn or X. I wish you an interesting read,

Jörg Dambock, editor-in-chief

Get in contact:

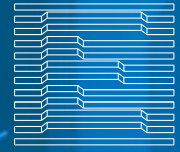
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## EUROBEND



### Innovation & History



- Mesh welding lines for standard mesh-Non-Stop System
- Flexible mesh welding lines for special and engineering mesh
- Mesh welding lines for 3D Fence panels
- Mesh welding machines for spacers and bar supports
- Rotor straightening machines for wire up to 50mm
- Multi-rotor straightening machines
- 2D/3D Wire bending machines
- Multi-line 3D wire bending machines



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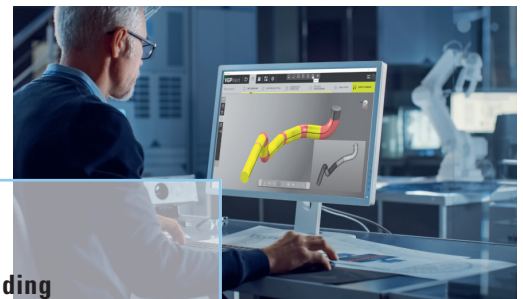


**12 A grinding machine for each spring to be ground**

OMD Officina Meccanica Domaso S.p.A., an international company known for its experience and competence in the field of machinery for springs, manufactures and develops a full range of grinding machines for any production requirement.

**13 Timeline design makes spring former more efficient**

Nowadays, there are various types of CNC spring machines, each with its own unique CNC software. The performance of a CNC spring machine is not solely determined by its physical construction; smart software design plays a pivotal role in enhancing its capabilities. With the right software in place, the machine's efficiency and productivity can be greatly optimised.



**16 Revolutionising the world of bending**

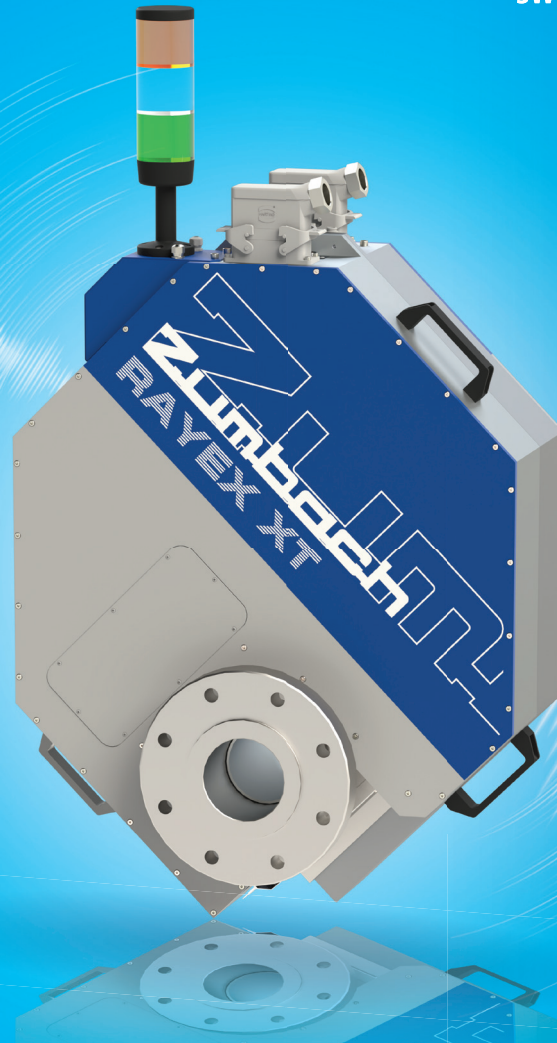
"VGP Next" is the new CAD/CAM programming software for BLM wire and tube bending machines that tackles the latest technological challenges. "VGP Next" improves the synergy between machine and software by simplifying core functions for more user-friendly programming.

**20 Successful entry into busbar production**

Frötek recently started using a Bihler "Bimeric Modular" equipped with "Leantool" modules for the fully-automatic manufacture of busbars. Using this technology, it is possible to produce these power rails for electric vehicles extremely quickly in a single end-to-end process.







## RAYEX<sup>®</sup> D Dynamic X-Ray Measuring System

### Benefits:

- ✓ Latest generation of measurement algorithm provides measurement readiness within one second
- ✓ Micro-focused X-ray beam ensures highest measurement accuracy
- ✓ New generation of X-ray sources with extended lifetime
- ✓ Direct access to the sensors via the web server
- ✓ Simultaneous acquisition of all measured values from both measurement axes