



Speedmax

The high-volume bending automation solution.

Our Speedmax is more than just a bending machine. It is one of the fastest automation solutions for wire and tube forming available on the market for NC bending machines. By combining NC finger benders with our servo-electric transfer, the Speedmax, with up to 90 servo axes, can achieve a speed of up to 4000 machining steps per minute.

Geschäftsführer
Dipl. Wirt.-Ing. Andreas Schmale
Amtsgericht Iserlohn HRB 5420
USt.Id.-Nr.: DE 177101069
St.-Nr.: 302/574/30269

Volksbank in Südwestfalen eG
Kto.-Nr.: 310 1655 800 (BLZ 447 615 34)
IBAN: DE60 4476 1534 3101 6558 00
BIC/SWIFT: GENODEMINRD

Vereinigte Sparkasse im Märkischen Kreis
Kto.-Nr.: 93042869 (BLZ 458 510 20)
IBAN: DE29 4585 1020 0093 0428 69
BIC/SWIFT: WELADEDIPLB

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Technical data

Machining stages / cycle rate

The SPEEDMAX at its current stage of development has 20 machining stations and can produce up to 200 parts per minute.

Tooling time / tooling requirements

The tooling time for an article change, for example with 3D bends, is only a few minutes for the same material cross-section.

Technologies

The following production technologies can be implemented on the 20 machining stations: bending, embossing, notching, flattening, joining, punching, swaging, etc.
(of tubes and wires)

Variant	Diameter	Length
S	1 - 4 mm	up to 300 mm
M	4 - 8 mm	up to 500 mm
L	8 - 13 mm	up to 500 mm
Special versions of the SPEEDMAX available on request		

In its current stage of development, the **SPEEDMAX S** has 20 processing stations and can produce up to 200 parts per minute. It combines the advantages of the NC and slide-based wire bending concepts without the disadvantages of either.

Each individual station completes its task in less than 0.2 seconds. The separate transfer allows all stations to operate simultaneously. This allows the machine to ultimately produce more than 3 finished parts per second at the maximum cycle rate. Each with up to 20 bends.

At a reduced cycle rate, even multiple bends are possible at each station. So the number of bends per part is not limited to 20.

In 2019, the **SPEEDMAX L** was voted by the readers of MaschinenMarkt magazine as one of the best products of the year 2019 in the "Forming Technology" category.

It currently has 20 machining stations and can produce up to 60 parts per minute. It processes tube and solid material up to a diameter of 12 mm and an infeed length of 500 mm. Different bends in all planes and, in its current configuration, up to four swaging processes are not a problem. Of course, different configurations of the SPEEDMAX L also allow for embossing, notching, flattening and punching.

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Vereinigte Sparkasse im Märkischen Kreis
Kto.-Nr.: 93042869 (BLZ 458 510 20)
IBAN: DE29 4585 1020 0093 0428 69
BIC/SWIFT: WELADED1PLB

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