



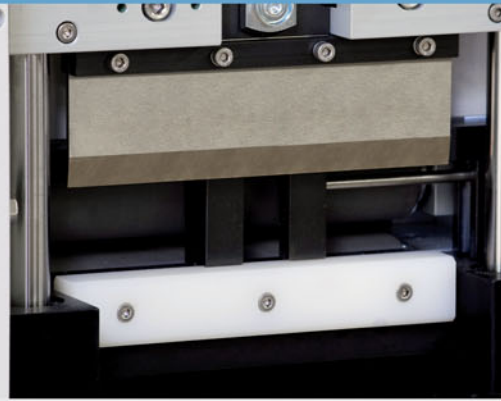
Metzner ST-OB Series

Universal cutting machines with innovative cut-to-length technology

Metzner ST-OB Series

Precise, fast and economically priced

Metzner



The universal cutting machines of the Metzner ST-OB Series are distinguished by their precision, their compact design and the wide spectrum of applications, such as profiles, textile-covered tubes, film, textiles, labels, cables, wires and many other materials.

For cut quality that is always optimal with different materials, the ST-OB machines offer you the choice of three alternative cutting tools (die cut, shear cut or tube cut) and two versions with different equipment possibilities.

The **Metzner ST-OB Red** is similarly convincing due to its attractive price and modern specification. An electronic PLC control system offers the possibility to specify and save all processing parameters such as feed-in conveyor speed, cut length and cutting time.

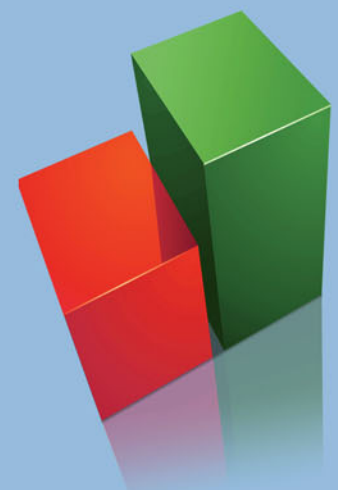
A modern stepper motor ensures highly exact positioning and stepless adjustable feed conveyor speeds. The result is a modern machine with superior application characteristics compared to machines with DC-drive and clutch.

The big »plus« of the **Metzner ST-OB Green** is the additional cutting and drive power as well as its interface connectivity. A special high-performance pneumatic cylinder with adjustable cutting depth offers up to 30 percent more cutting capacity when cutting short lengths. A stepper motor with higher material transport speeds and increased torque guarantees superior pulling power when feeding the material to be cut and increased cutting capacity of longer lengths.

With its comprehensive interface equipment, ST-OB Green is ideally prepared to work with peripheral equipment such as feeding units, speed controllers, material throw-offs and other devices to make up a complete production line. The separate operator panel reliably protects the controls from dust and vibration and makes the ST-OB Green suitable for either left or right-hand direction of working.

Performance Data	Metzner ST-OB Red	Metzner ST-OB Green
Material dimension width max.	150mm	150mm
Material dimension height max.	30mm	30mm
Size increments	0.1mm	0.1mm
Typical repeatability exactness	± 0.2% ¹⁾	± 0.2% ¹⁾
Technical Data		
Electrical connection	1~230 V, 50/60 Hz, 6 A	1~230 V, 50/60 Hz, 6 A
Compressed air connection	6 bar	6 bar
Dimensions (LxWxH)	700 x 400 x 650mm	700 x 400 x 650mm
Weight	50 kg	70 kg
Red-Green-Blue Equipment Level		
Feeding speed (m/min)	45m/min	60m/min
Cutting rate/min ²⁾	270 cuts/min	360 cuts/min
Controls ³⁾	PLC	MC
Control display	2 lines display	4 lines display
Motor	3~stepper motor	3~stepper motor
Pneumatic Cylinder	Festo	Metzner High-Speed
Integral connections for peripheral units	—	●

¹⁾ depending on material; tolerance min. ± 0.5mm | ²⁾ at cutting length 5mm | ³⁾ PLC = PLC controls with CoDeSys programming, MC = Microcontroller system | ● = Yes, — = No | Specifications are subject to change without notice.



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