



METZNER UNIVERSAL CUTTING MACHINES

HANDY BENCH MODELS WITH OUTSTANDING PRICE/PERFORMANCE RATIO



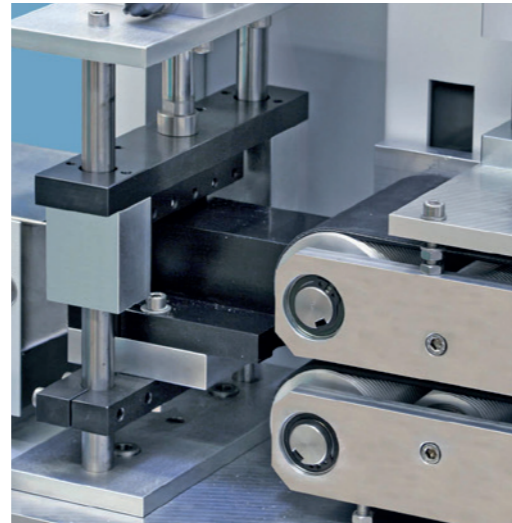
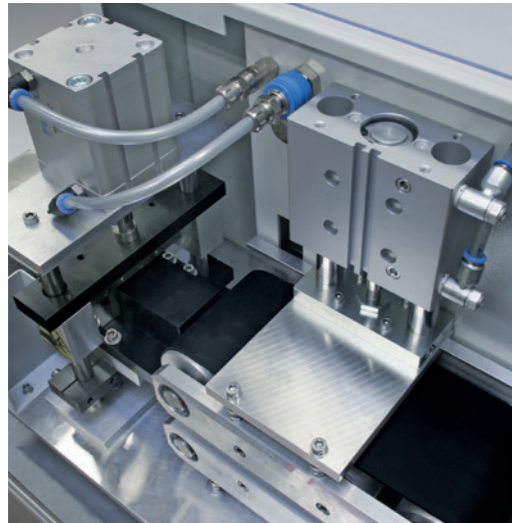
CUT-TO-LENGTH MACHINES

Metzner cutting to length machines are robust and reliable base models. Depending on the material the machines are equipped with the correct cutting technology (die cut, shear cut, tube cut) which can be changed very easily. According to your demand there is a choice of three different machine equipment levels: »Red«, »Green« and »Blue«.

METZNER VARIOCUT

OUTSTANDING PULLING AND CUTTING FORCE

The high-performance »Universal cutting machine« with excellent pulling and cutting force. The applied pressure between the transport belts is controlled pneumatically and opens and closes automatically when the machine cover is closed. Ideal for rigid materials and materials with stable shape. A choice of 3 cutting methods; quick-change tooling.



MULTIPLE APPLICATIONS

The Variocut is prepared for the cutting of most different materials best: Tubes, profiles, foil, rope, labels / carton, felt materials, leather, cable, wires and many further.



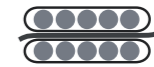
OUTSTANDING CUTTING FORCE

The use of an especially powerful pneumatic cylinder in combination with optimally shaped cutting blades give Variocut machines outstanding cutting force.



CHANGEABLE TOOLS

All Variocut models offer the possibility to carry out several cut procedures with one machine. Therefore the different cutting tools (die cut, shear cut and tube cut) – according to requirement – are integrated into the Variocut machine.



PNEUMATIC BELT ADJUSTMENT

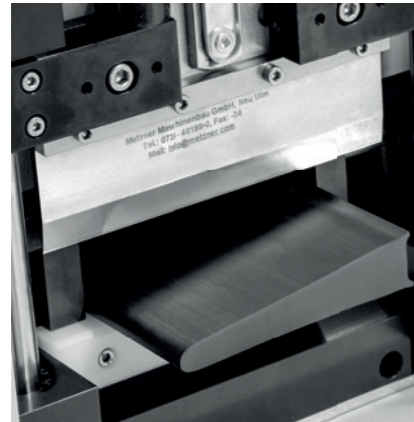
Pneumatic belt adjustment with adjustable pressing pressure ensures automatic height adaptation to different material heights.

METZNER ST-OB

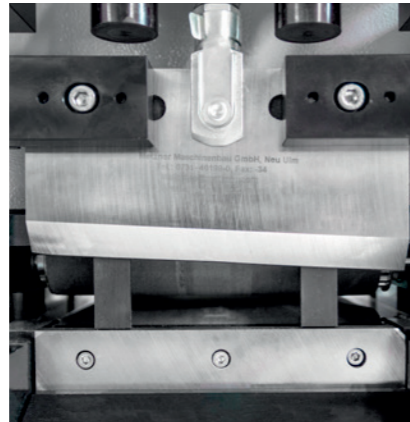
COMPACT, PRECISE AND EFFICIENT

The »Allrounder« with particularly gentle and sensitive adjustment of the applied pressure between the transport belts. Ideal for soft and elastic materials. We offer you the choice between die cutting, shear cutting and tube cutting, depending on your material.

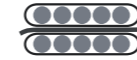
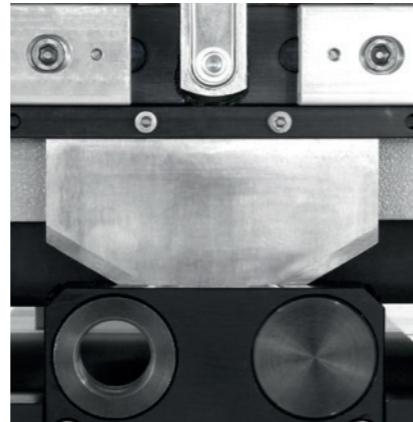
DIE CUTTING



SHEAR CUTTING



TUBE CUTTING



SENSITIVE CONTACT PRESSURE

Soft materials react to even slight differences in contact pressure with a change in the material length. The ST-OB allows to make precise settings of the contact pressure to the requirements of the material, which results in a high length accuracy.



OUTSTANDING CUTTING PERFORMANCE

Due to the special pneumatic cylinder – optimised for use in a cutting machine – the Metzner ST-OB Green can achieve a considerably higher cutting performance than with a standard pneumatic cylinder. With up to 230 cuts per minute¹, the Metzner ST-OB Green is not only quicker, but also ensures a better amortisation of your investment.



TORQUE AND PRECISION

The motors used at Metzner are particularly characterised by their pulling force and precision. Thus, the ST-OB series also offers a high length accuracy without an additional length encoder.



EXCELLENT CUTTING QUALITY

The combination of precise guidance of the material and an exact and constant blade position guarantees an excellent cutting quality at an angle of 90°.

¹ In stand-alone mode with 1 mm cutting length; The connection of peripheral equipment can reduce the cutting performance.

EQUIPMENT LEVELS

METZNER UNIVERSAL CUTTING MACHINES



RED

Solid and robust basic functions, attractive price, a lower-cost control system and a lower – but for many applications quite adequate – working speed.



GREEN

Comfortable touch screen control, higher working speeds, integral connections for peripheral units, PC-operation and printing.



BLUE

Touch screen control, highest working speed, integral connections for peripheral units, PC-operation and printing.

TECHNICAL DATA

Model	Variocut Red	Variocut Green	Variocut Blue	ST-OB Red	ST-OB Green
Material dimension width max.	95 mm 3.74"	95 mm 3.74"	95 mm 3.74"	145 mm 5.70"	145 mm 5.70"
Material dimension height max.	30 mm 1.18"	30 mm 1.18"	30 mm 1.18"	30 mm 1.18"	30 mm 1.18"
Wire size range stranded /solid ¹	50 mm ² / 10 mm ² 1/0 AWG / 8 AWG	50 mm ² / 10 mm ² 1/0 AWG / 8 AWG	50 mm ² / 10 mm ² 1/0 AWG / 8 AWG	50 mm ² / 10 mm ² 1/0 AWG / 8 AWG	50 mm ² / 10 mm ² 1/0 AWG / 8 AWG
Feeding speed max. ²	45 m/min 2 ft/s	90 m/min 5 ft/s	120 m/min 7 ft/s	45 m/min 2 ft/s	60 m/min 3 ft/s
Material length	0.1 mm - 999 m 0.04" - 3278 ft	0.1 mm - 999 m 0.04" - 3278 ft	0.1 mm - 999 m 0.04" - 3278 ft	0.1 mm - 999 m 0.04" - 3278 ft	0.1 mm - 999 m 0.04" - 3278 ft
Electrical connection	1~230 V, 50/60 Hz, 1.6 A	1~230 V, 50/60 Hz, 1.6 A	1~230 V, 50/60 Hz, 1.6 A	1~230 V, 50/60 Hz, 0.5 A	1~230 V, 50/60 Hz, 0.5 A
Compressed air connection	6 bar 87 PSI	6 bar 87 PSI	6 bar 87 PSI	6 bar 87 PSI	6 bar 87 PSI
Dimensions (LxWxH)	795 x 530 x 510 mm	795 x 530 x 510 mm	795 x 530 x 510 mm	700 x 400 x 650 mm	700 x 400 x 650 mm
	31 x 21 x 20"	31 x 21 x 20"	31 x 21 x 20"	28 x 16 x 26"	28 x 16 x 26"

¹ depending on material | ² infinitely adjustable

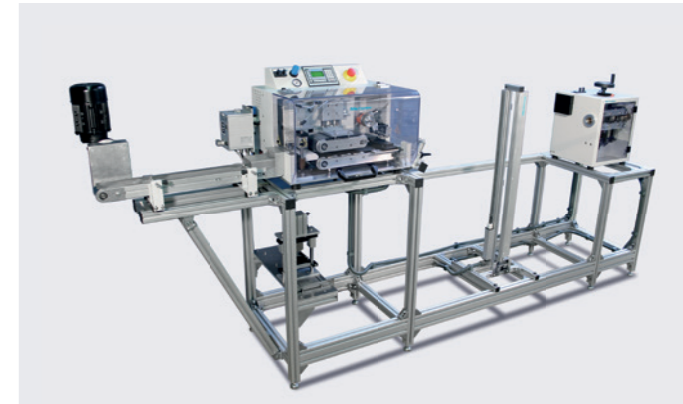
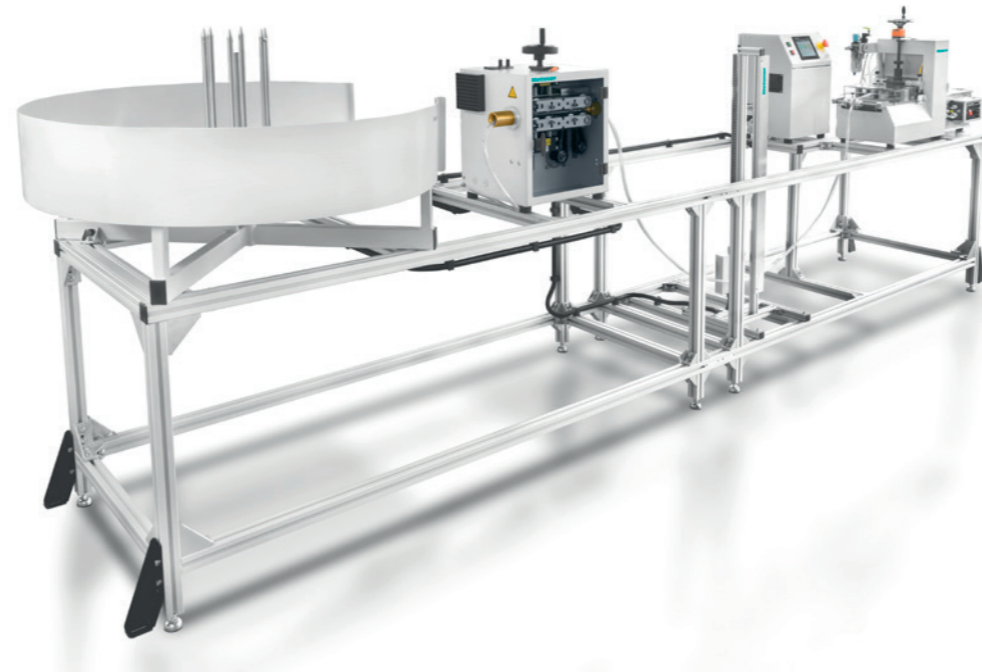
METZNER PROCESSING LINES

A PROFITABLE EXPANSION

In addition to high-quality machines for cable processing, Metzner also offers fast, material-friendly and economically sensible peripheral devices that expand cable processing machined into automatic processing lines.

PERIPHERAL EQUIPMENT

- Unwinding and feeding
- Printing and Marking
- Stacking and Coiling
- Software Solutions





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