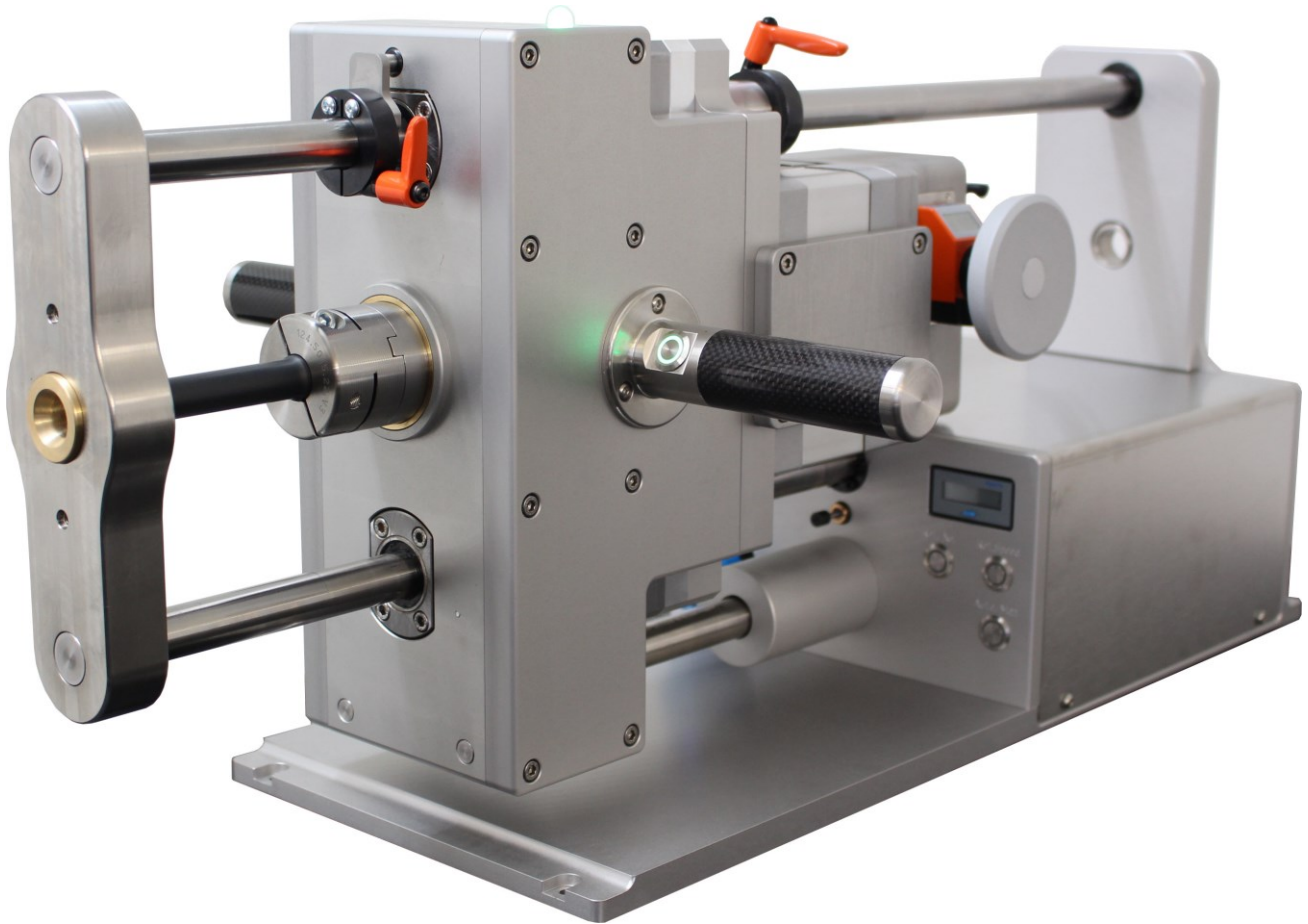

COAX SHIELD CUTTING DEVICE



BERI.CO.CUT-V3

The electro pneumatic BERI.CO.CUT-V3 (version 3) is a highly accurate machine for cutting shields and braidings. In particular high voltage cables used in the new generation of electric vehicles can be processed reliably, energy-saving and cost-effectively.

The new version 3 is a further development of the well known BERI.CO.CUT. The cutting can be started by pushing a button - there is no muscle power required. The work area for the manual handling - spreading the braid and positioning of the cutting tube - is still accessible. This ensures maximum flexibility. Tools can be changed manually and within seconds without additional assembly tools.

The working principle of the BERI.CO.CUT prevents damaging the layers lying under the braiding (e.g. dielectric layers, other shieldings, conductors, etc.). The use of tools matched to the relevant cables permits cutting within seconds.

The BERI.CO.CUT-V3 in the standard version is designed to process cables with diameters ranging from 4,0 - 23,0 mm (depending on cable). Special Applications and sizes are available on request.



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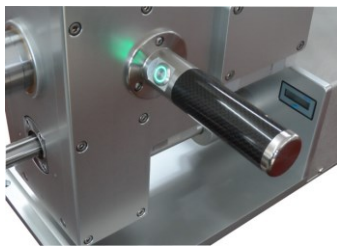
ADVANTAGES AND NEW FEATURES

FUNCTIONS

- Energy saving work by pneumatic support
- Freely accessible work area
- The triggering of the cutting process via a inbuilt button on the handle
- BERI.CO.CUT – V3 cuts shields and braidings reliably; it is designed for coaxial cables in particular
- The operator has total control over the process, such as feeding the wire, putting back the braiding and the cutting process itself (optical inspection)
- no assembly tools required for the change of the working tools
- The device is designed to cover all known applications
- The working principle of the BERI.CO.CUT ensures that layers lying under the braiding are not damaged
- Even braidings of non-round wires (e.g. multistrand wires) can be processed safely
- Braidings are trimmed neatly and accurately (clean cross section)
- The BERI.CO.CUT is robust and suitable for an industrial environment

Specifications

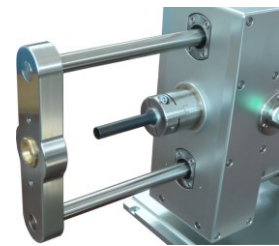
- | | |
|-----------------------|--|
| - Cable diameter | about 4.0 – 23.0 mm (depending on cable) |
| - Cable length | 100.0 mm (standard); possible up to 450.0 mm |
| - Space (W x L x H) | 410.0 x 760.0 approx (bottom panel) x 355.0 mm |
| - Weight | approximately 39.0 kg (without accessories) |
| - Compressed air | according to ISO 8573-1 |
| - Working pressure | 6 - 10 bar |
| - Voltage / frequency | 85-264 VAC / 47 - 63Hz |



Detail start button



Examples



Detail working area and cutting tube

HANDLING

- The braiding is put back by hand, directly in the working area
- The cable stop can be adjusted variably when cable tip is used as reference (standard version)
- It is possible to use the outer isolation as reference for the cable stop (optional)

TOOLS

- Extremely low tooling costs due to the unique BERI.CO.CUT cutting principle
- Positioning of the braid and cutting function integrated in only one tool
- No separate blades necessary

SAFETY

- Compliance with the European Machinery Directive
- The working range is well visible

ERGONOMICS

- gentle processing by semi-automated machining processes
- simple movement of the cutting block by optimal support and guidance