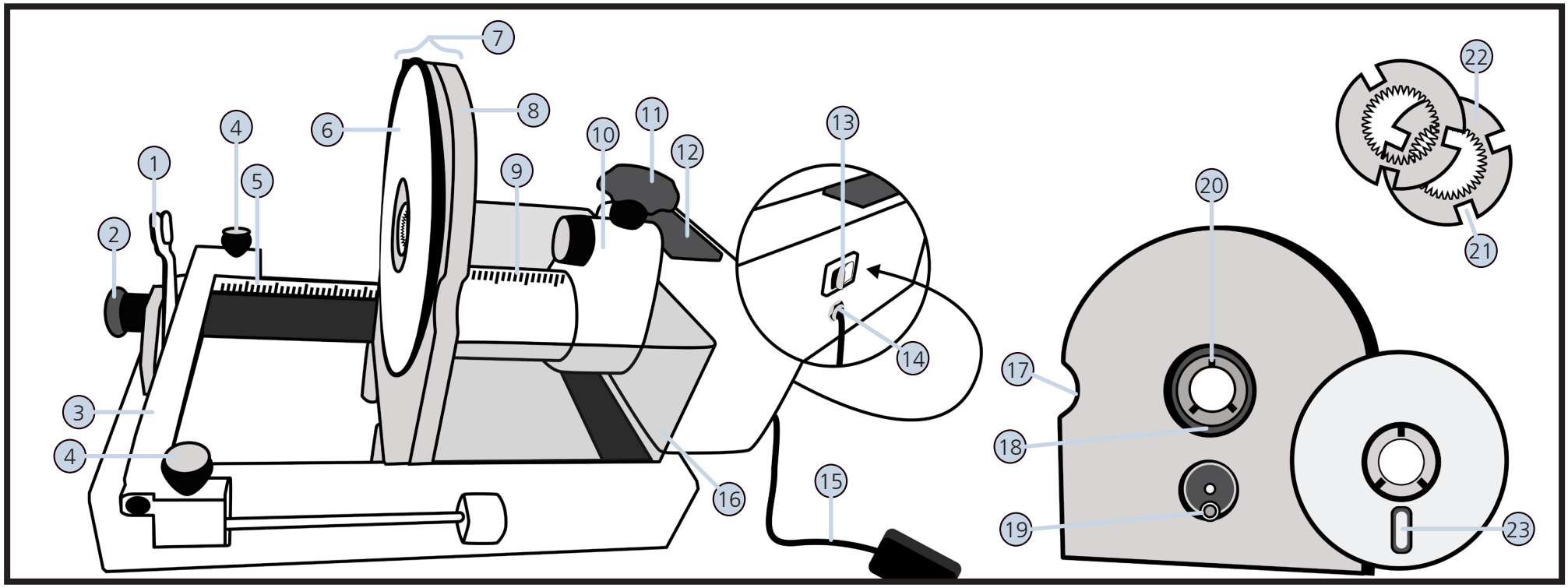
ESCHA

BC14

BRAID CUTTING MACHINE

Quick start guide | Operating instructions



1. Cable rest
2. Locking bolt
3. Front length stop
4. Knurled screw
5. Linear guide / scaling in front
6. Movable cutting unit
7. Cutting unit
8. Static cutting unit
9. Linear guidance / scale rear
10. Length stop at the rear
11. Fixing screw
12. Operating hours meter
13. On / Off switch
14. DC - socket 2.1mm
15. Power supply
16. Waste basin
17. Grip recess
18. Ball bearing
19. Cam of eccentric bearing
20. Drive bars
21. Knife grooves
22. Knives
23. Eccentric guide

With the help of the braid cutting machine, copper shields of cables can be shortened to a requested dimension.

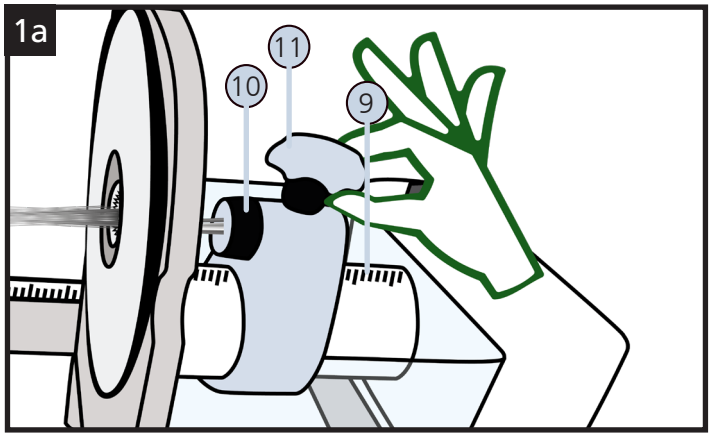
There are two possibilities.
On the one hand, the length of the shielding braid to be cut can be defined (see „Shield processing with rear stop **(4)**“).

On the other hand, you can define the length of the braided screen that is to remain. (see „Shield processing with front stop **(10)**“).

In general, the following parameters must be observed:

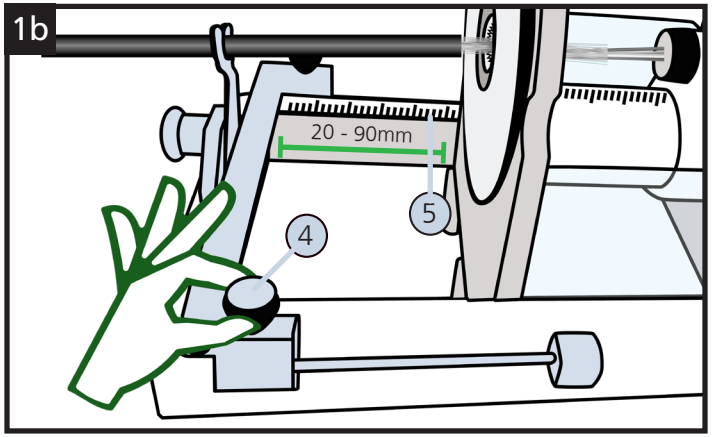
- Shielding braid must be exposed
- Shielding material: (tinned) copper
- Shield thickness: max. Ø 0.2mm
- Diameter above shielding braid: max. Ø 14mm

Shield processing with rear stop (4)

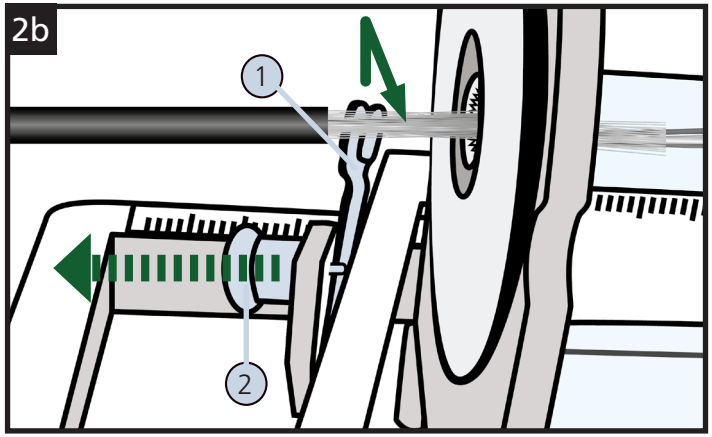


The length of the braided screen to be cut off is determined by the the length stop **(10)**. The corresponding dimension is set on the scale **(9)**. For adjustment use the back of the length stop, which is fixed with the fixing screw **(11)**. The maximum length can be 50mm.

Shield processing with front stop (10)

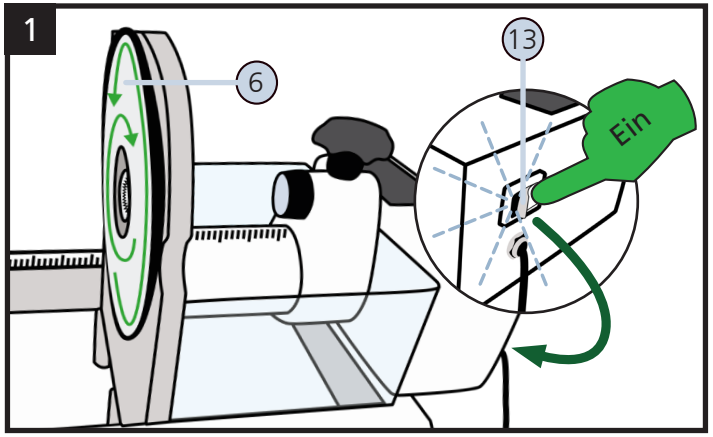


The scaling **(5)** on the front linear guide defines the length of the remaining braided shield (range 20 to 90mm).
The length is set between the end of the jacket and the end of the braided shield. For adjustment, the back of the length stop is used, which is to be fixed by means of the two knurled screws **(4)**.

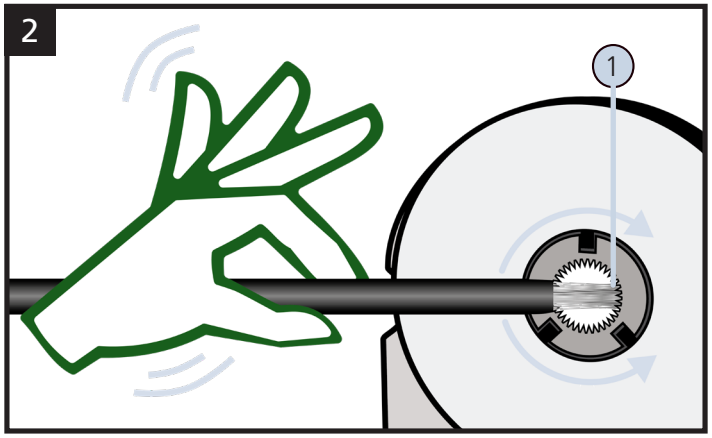


The cable support (1) is held in the working position by a locking bolt **(2)**. By pulling the locking bolt, the cable support can be swivelled to the side when not in use.

Cutting the braided screen



The motor is switched on via the on/off switch **(13)**.
The movable cutting element **(6)** starts to oscillate/vibrate.



To cut the shield, guide the stripped cable through the cutting elements **(7)** up to the stop **(10)**. By moving the cable with slight pressure (clockwise and anticlockwise) along the inside blades, the braided shield is cut.