

Tool for Preparation of HV Cables Model EH130



Application

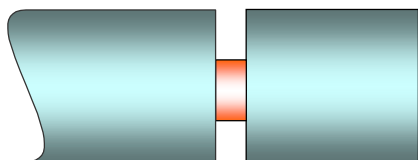
This tool has been developed for tailoring the shape of the insulation of HV cables, in order to prepare them for the mounting of joints and terminations.

Description

After peeling the outer semi conductive shield from HV-cables the cable must be tailored in order to fit exactly to the termination or the joint. During welding or crimping of the conductor, the insulation may move a little. Therefore it is of advantage to provide the insulation with the final shape after connecting of the conductor.

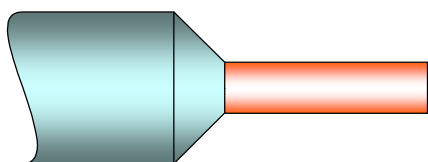
The width in-between the guiding rollers allows the tooling of the insulation after the conductor is already connected.

The distance between the rollers can be increased by extending the axis of the rollers.



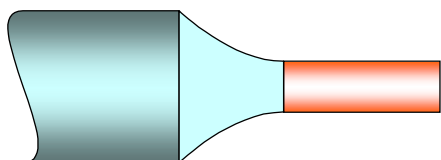
The base tool EH130 can be provided with various knives according to the needs for specific cable accessories.

When the tool is turned around the cable the knife moves automatically towards the conductor by about 1 mm per turn.



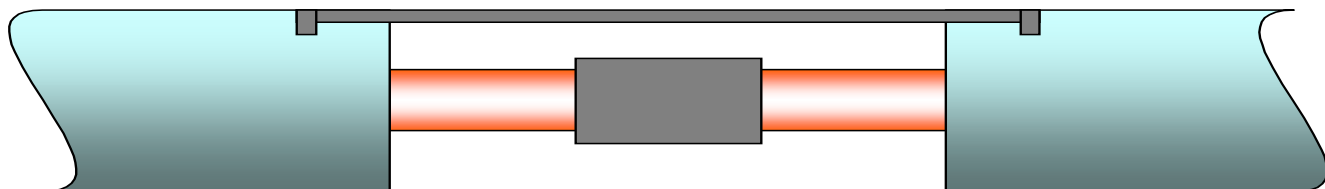
For end stripping the tool can be used for making a slot into the insulation down to the conductor. The insulation can then be pulled off the conductor.

The straight penciling knife provides the insulation with a taper of 45 degrees.



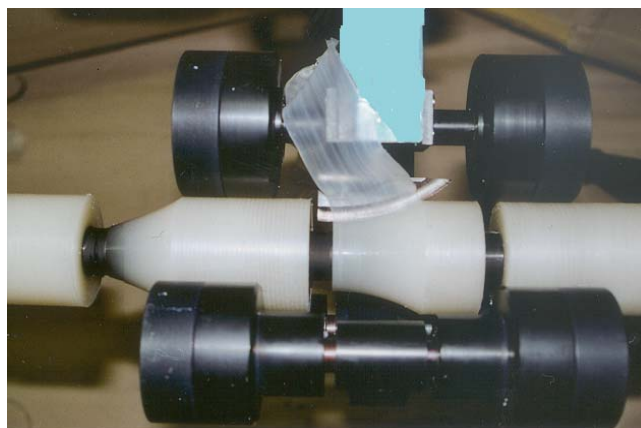
The curved penciling knife provides a curved taper.

The insulation is provided on both sides with a slot and shoulder into which the covering metal enclosure is inserted.



Main Benefits

- Equipped with guiding rollers, no greasing of cable surface needed
- Suitable for working on cables with conductor already welded
- Distance between guiding rollers adjustable
- Wide range of cutting knives for different shapes
- Automatic feed for knives



Main Technical Data

Range of cable diameter	130 mm
Weight of tool	5 kg
Maximum cutting depth	40 mm
Feed per turn approximately	1 mm
Cutting depth for insulation	30 mm
Width between rollers without ext.	96 mm
Width between rollers with extension	280 mm

Scope of supply

- 1 Base tool with following knives
Slot knife 10 mm
Penciling knife 45 degree
- 1 spare slot knife
- 1 spare penciling knife
- 2 Hexagonal keys
- 1 Set of axel extensions 184 mm
- 1 Instruction manual English
- 1 Tool box

Optional

- Various knives according to customers specifications

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