Peeling and Stripping Tool for HV Cables
Models CP90 and CP130

HIVOTEC

Application

This is a cost efficient tool for preparing cables in the field, before mounting joints and terminations. The same tool can be used for peeling the semicon and for stripping the main insulation.

CP90 and CP130 may also be used in combination with our optional driving unit, Model Unipower 34R (former CPD90-130). This method is efficient when relatively long ends for terminations have to be pre-



Peeling of Bonded Semicon

The peeling depth can easily be adjusted with the fine adjustment screw.

As the peeling knife is firmly fixed to one of the rollers running on the surface of the cable, the knife follows exactly the contour of the cable, even if it is not completely round.

The feed for the peeling process is built into the guiding rollers.

The special shape of the knife provides a very smooth surface on the insulation. The transition between insulation and semicon has an angle of some 6-10 º. This provides a perfect fit for slip-on terminations and joints. As a general rule, rework with polishing sand paper or similar means is not needed.

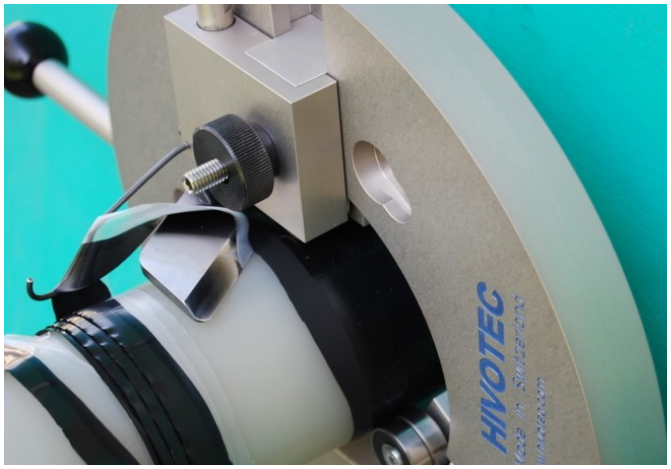


C211.5E



Main Benefits

- One tool, two operations: Peeling and insulation stripping
- Equipped with guiding rollers, no greasing of cable surface needed
- Very smooth insulation surface, no regrinding needed
- Smooth transition between insulation and semicon, typically no rework is needed
- Wide range of cable diameters
- Easy ergonomic handling
- Handles slightly bent cables without problems
- Driving unit attachable



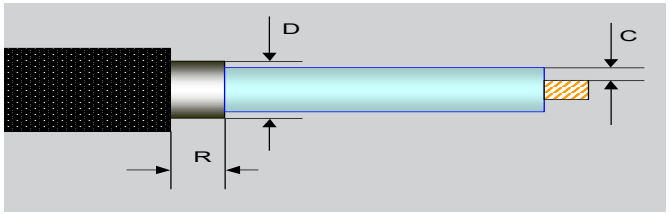
Main Technical Data		CP90	CP130
Range of cable diameter D	mm	40..90	80..130
Weight of tool	kg	4.0	4.5
Maximum peeling depth	mm	2.0	2.0
Min. length of remaining semicon R	mm	~70	~70
Cutting depth for insulation C	mm	3...35	3...35
Gross weight	kg	8.0	9.0
Dimensions of outer carton box WxLxH	cm	44x51x20	48x58x17

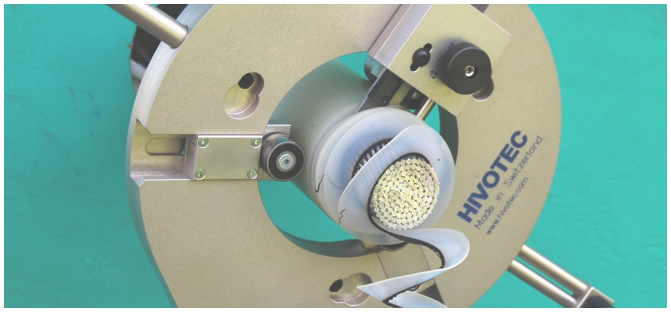
Stripping of Insulation

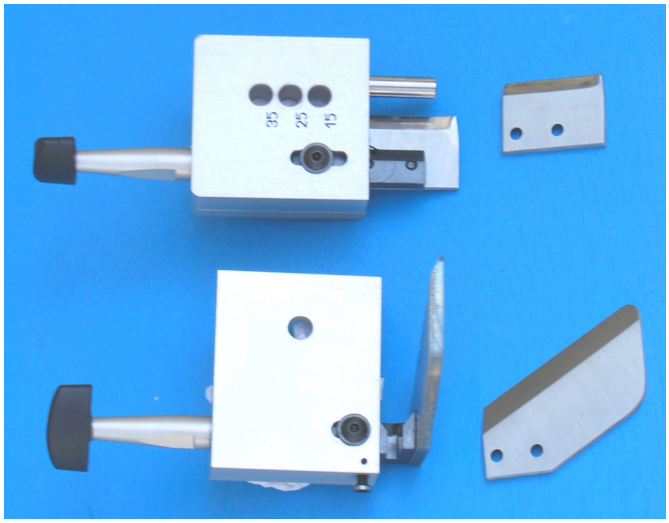
The cutting depth C can easily be adjusted to the thickness of the insulation.

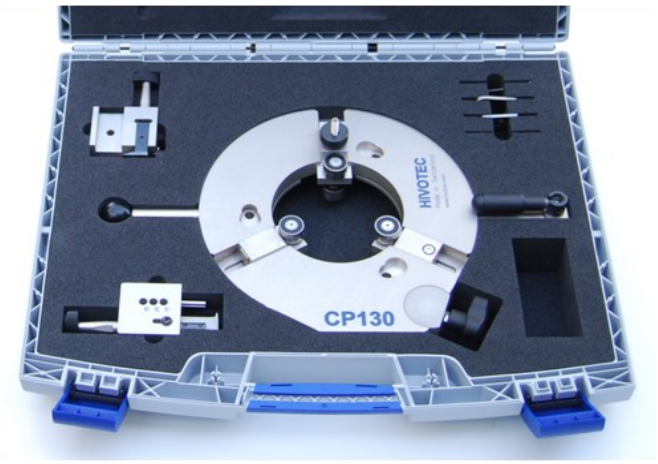
The insulation stripping knife arrangement is such that the thickness of the shaving is always constant. This allows to operate the tool with constant force.

The same knive is suitable for cutting a stepped insulation.









Scope of Supply

- 1 Toolbox
- 1 Base tool with knives for peeling and stripping
- 1 Instruction manual English
- 1 Spare knife for peeling - FK-CP
- 1 Spare knife for stripping insulation - IK-CP

Options

- 1 Set of 3 spare knives for peeling - FK-CP
- 1 Set of 3 spare knives for stripping - IK-CP
- 1 Driving Unit - Unipower 34R

Hivotec AG
Ziegeleistrasse 52
4242 Laufen
Switzerland

Phone **+ 41 61 303 90 11**
Fax **+ 41 61 302 21 91**
E-mail **info@hivotec.com**
URL **www.hivotec.com**