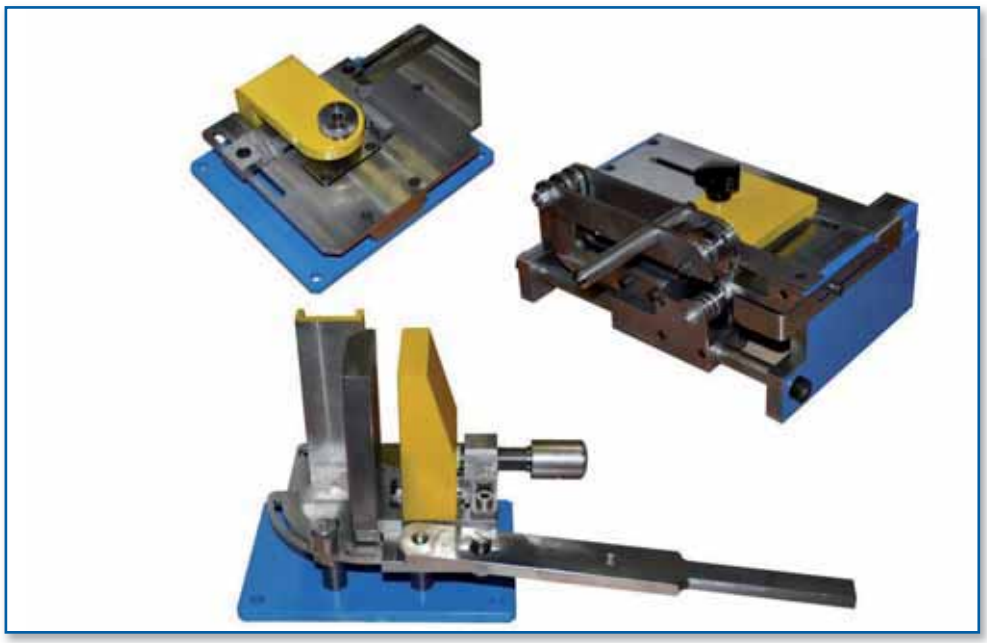
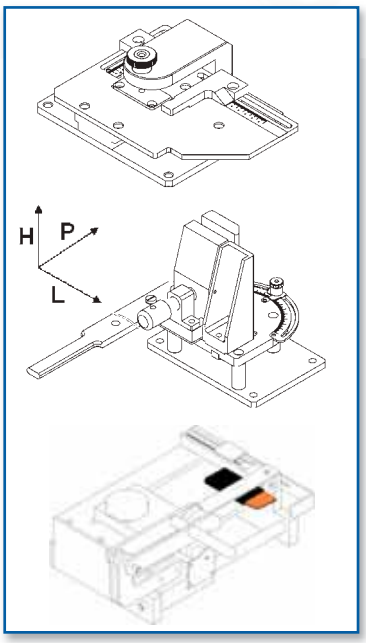
Ω FLEX - Hand tools for flexible bar





Due to its building characteristics, the **FLEXIBLE INSULATED BAR** is easy to work by hand (bending, torsion, etc.) except for holes, which must be made using a suitable punching or drilling tool, making sure to keep the laminates compacted to prevent their deformation and the formation of burr between laminates.
However, in order to make bending, stripping and punching even easier, as well as to make the serial details dimensions more steady, ***TEKNOMEGA*** has developed a series of user-friendly hand tools.
The **bending tool** makes it possible to have optimal bending angles, even with pre-determined and/or repeated angle, and to optimize connection length as well as their overall dimensions.
The **twisting tool**, used together with the bending tool, makes it possible to twist flexible bar to obtaining various planes of connection.
The **stripping tool** makes it possible to quickly, neatly and cleanly remove the PVC insulation on the area destined to the connection terminal; it can easily be set to perform repeated stripping. It is also easy and quick to adjust to modify the dimension of the area from which the insulation must be removed.
The **drilling** allows optimal drilling of the terminal destined to the connection, by simply using it with a column or hand drill. The hole is clean, without burr or deformation of each single copper laminate, since the laminate package is conveniently pressed under a special drilling guide.

APPLICATION ADVANTAGES

1) simplicity of use of all the tools and higher safety for operators
2) quick, accurate work, optimization of connection lengths, reduction of overall dimensions inside the electric panel board
3) no need for external power supply
4) easy to carry to work "on site" as well
5) easy to fit on the workbench or, for UFB only, on vise as well

UPB

Hand tool to bend insulated flexible bars

1 - can be used up to 120x10x1 cross-sections
2 - easy to fit on workbench
3 - quick flexible bar tightening
3 - goniometer to set the bending angle
4 - blocking for repeated work on the same bending angle
5 - no damage to the insulation
6 - small effort thanks to the lever

UTB

Hand tool to twist insulated flexible bars

supplied only together with the bending tool
1 - can be used up to 120x10x1 cross-sections
2 - to be used with the bending tool
3 - allows twisting of the insulated flexible bar without damage to the insulation, to get a change in plane of connection

UFB

Hand tool to drill insulated flexible bars

1 - for holes from Ø 6.5 mm to 12.5 mm
2 - possibility to drill one or more holes on the bar
3 - can be used on 20- to 120-mm laminate width
4 - quick matrix change for the various hole diameters
5 - can be used with column or hand drilling tool

USB

Hand tool to strip insulated flexible bars

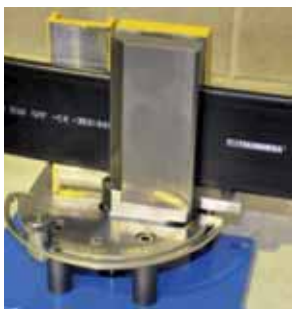
1 - can be used on flexible bar cross-sections from 20x2x1 to 120x10x1
2 - accurate insulation cut on all 4 sides with two moves only
3 - quick and easy determination of the terminal length to be stripped thanks to the millimetric ruler

Code	Reference	Description		Weight Kg	H mm	P mm	L mm
UBF1000	UPB-BFX	Hand bending tool	1	12.80	220	230	220*
UBF1005	UPB-T-BFX	Hand bending tool + twisting tool	1	14.40	220	350	220*
UBF1010	UFB-BFX	Hand drilling tool	1	7.10	65	175	240
UBF1015	USB-BFX	Hand stripping tool	1	12.00	120	280	200
UBF2000	USB-SET	Set of spare laminates for stripping tool	1	-	-	-	-

* UBF 1000 - UBF 1005: the indicated sizes refer to the sole machine body without lever

INSTRUCTIONS FOR USE

UPB BENDING TOOL FOR INSULATED FLEXIBLE BAR

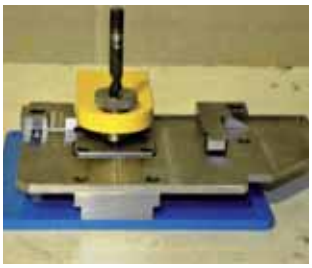



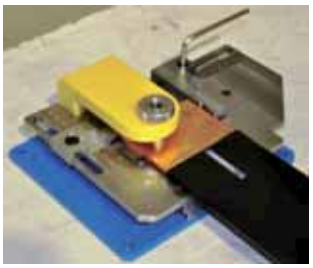
UPB TWISTING TOOL FOR INSULATED FLEXIBLE BAR



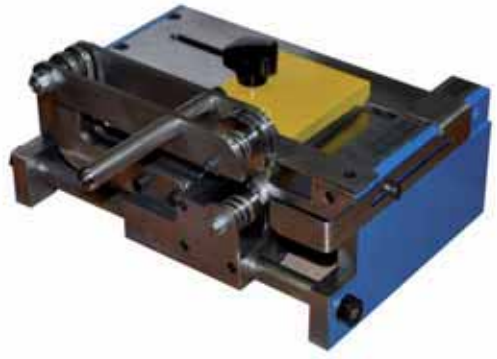
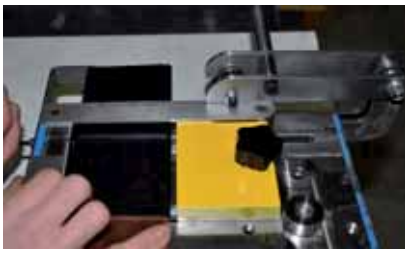
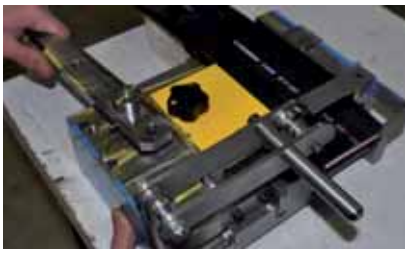


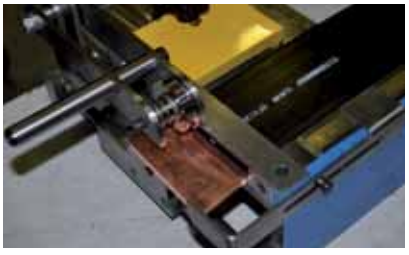
UFB DRILLING TOOL FOR INSULATED FLEXIBLE BAR




USB STRIPPING TOOL FOR INSULATED FLEXIBLE BAR



A training video of these tools is available at: http//www.teknomega.it

Ω FLEX - Preformed flexible bars as per drawing



TEKNOMEGA makes it possible to receive ΩFLEX INSULATED FLEXIBLE BARS bent and punched as per the specific customer's requirements.
This is convenient in the case of the conditions of "series" production of "standard" electric panel boards and/or equipment.
The use of PREFORMED INSULATED FLEXIBLE BARS AS PER DRAWING makes it possible to optimize the wirings times and to eliminate the production of wastes and possible unused work scrap.

Ω FLEX - Applications