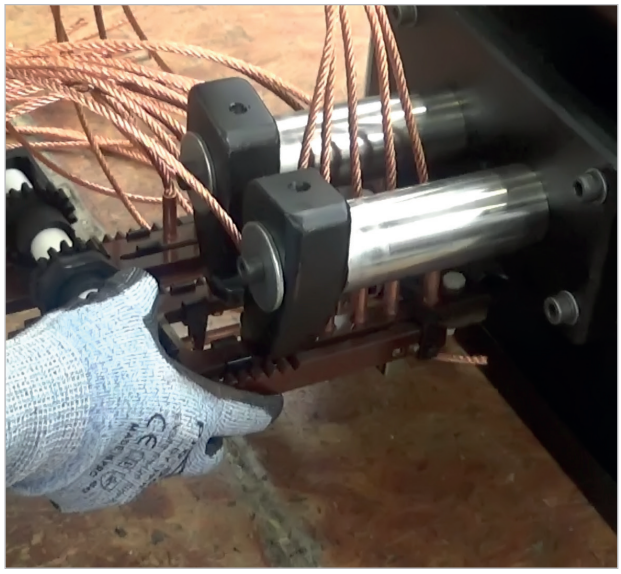
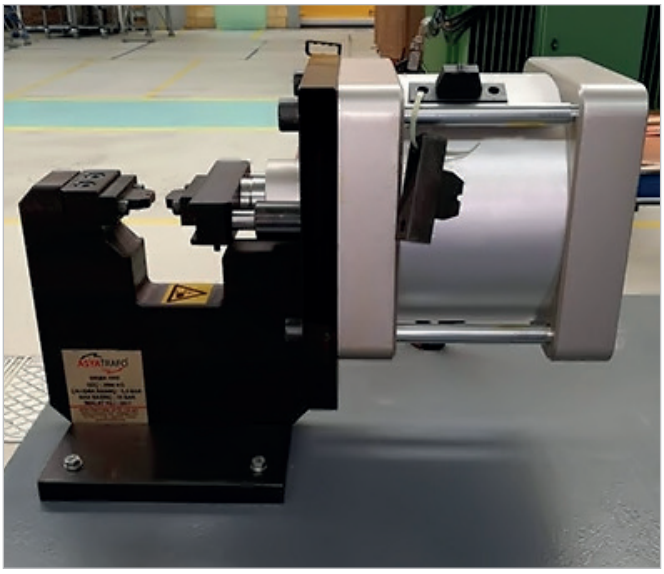
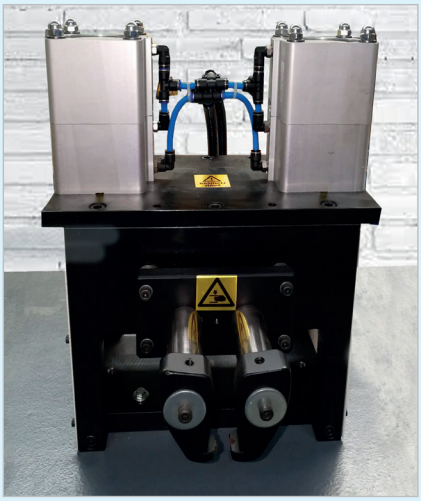
COMMUTATOR CLAMPING DEVICE

ASYATRAFO®
Your Unique Partner

Fast and safe crimping technology for transformer off-load tap changers







- **Adjustable clamping pressure**
- **Up to 50% time saving process technology***
- **Different off-load tap changer clamping chance**
- **Resolve wire and sleeve heating up disadvantage of typical soldering**
- **Different size of sleeve & cable lug pressing option with various jaws**

* : Values are determined considering off-load tap changers through comparison of soldering and pneumatic clamping assembly method in a transformer plant with distribution transformer production which has a power capacity range between 250 kVa and 30 MVa.

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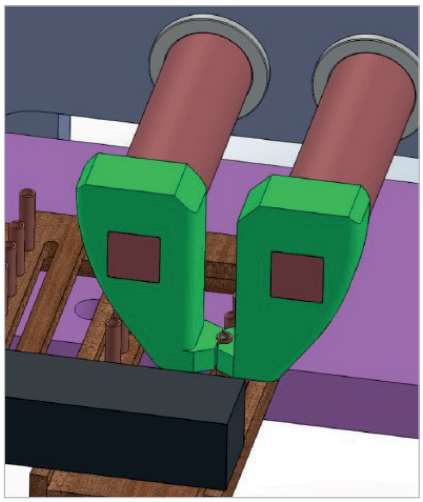


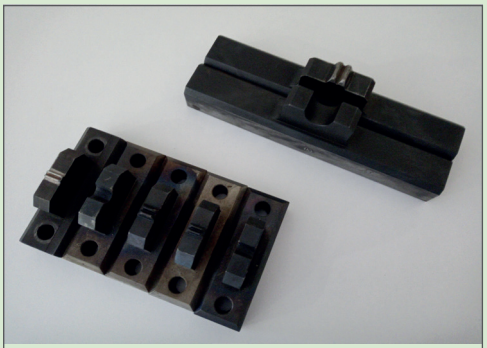
Innovation Story

Old technology used about electrical connection for conductivity was soldering high voltage wires to the sleeve of off-load tap changers. However due to the nature of this type of process, high level of warming and also melting of both wire and sleeve material observed. Thanks to the design and pneumatic or hydraulic connection line of commutator clamping tool, much more shorter crimping time and safer (without any melting risk) assembly method achieved.

Diameter of Off-Load Tap Changer Housing or Cable Lug	Type of Wire in Use	Recommended Clamping Device
≤ 12 mm	Solid Copper Wire	Pneumatic
> 12 mm	Solid Copper Wire	Hydraulic

Hyraulic clamping is much recommended for stranded wire applications for safe conductivity at any dimension.

Multiple designed jaws can be used for time saving in hydraulic clamping applications.



Multiple design or different size of clamping jaws for various applications.

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