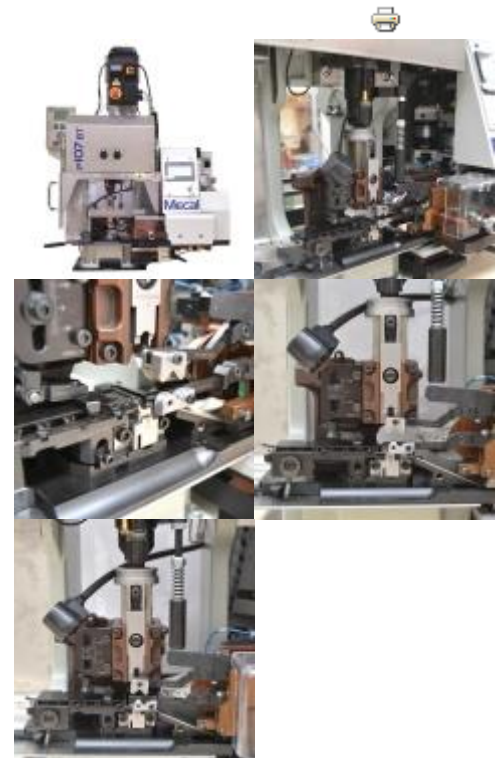


# FAKRA Sleeve



[Zoom image](#)

## Description

*FAKRA Sleeve is the first phase in the Mecal process for crimping FAKRA wires. The equipment includes a PSCM107C and an MRS applicator.*

### PSCM107C

Compared with the standard machine, this PSCM107C has been modified to allow a stripping length of 14.5mm which is achieved by dividing the scrap of the insulation into two equal parts. It operates exclusively in line with the crimping axis and the control panel has a number of functions dedicated to the type of application. The machine can be set to remove the scraps or leave an insulating containment ring from 1 to 3 mm at the end of the wire. This is necessary when the processed wire is returned to a special container and the next step is not immediately done. The insulating ring contains the strands of the metal sleeve, thereby enabling that it does not warp during storage. The clamp unit was designed to obtain greater clamp strength and axial alignment of the wire. The stripping blades with the incision profile dedicated to the type of coaxial wire. The press also includes the TT1000

Crimp Force Analyzer

### MRS

Left-side feed Restyling Mini Applicator with mechanical terminal feeding.

## Technical Specifications

ID	FAKRA Sleeve
CODE	BG220000010014-C
AIR PRESSURE	5 - 7 BAR
DIMENSIONS mm	W840xH880xD460
DIMENSIONS (")	W33"xH34,65"xD18,11"
WEIGHT	100 kg (220 lb)
POWER	0.55KW (0.75HP) monophasic
POWER SUPPLY	220V 50~60Hz
WIRE SECTION	RG174, RTK031, RG58/59
MAX STRIPPING LENGTH	16mm (0,63")
END MACHINING LENGTH	max 3mm (max 0.12")
CYCLE TIME	approx 3,4 sec

## **OPERATING**

## **CYCLE**

The operating cycle begins by activating a position sensor and includes the following operating steps:

Coaxial wire locking by the clamping unit

Movement of the positioning sensor unit, freeing the operating area

Opening of the blade stripping unit

Positioning of the stripping blades to 14.5 mm (*default setting, set from the panel*) from the end of the wire

Closure of the stripping blades, as set from the panel, and incision of the wire insulation

Release of 0.2mm stripping blade (*default setting, set from the panel*)

Removal of the scrap along the stripping length (approx. 7.25 mm)

Opening the stripping blades

Return of the stripper unit to starting zero position

Closure of the stripping blades to make the 1mm ZERO CUT (end machining of wire)

Opening the stripping blades and movement along the wire

Closure of the stripping blades with +0.6 mm from original incision (*default setting, set from the panel*)

Removal of insulating scraps and suctioning into rear tank

Movement of stripping unit

Crimping contact of sleeve on wire