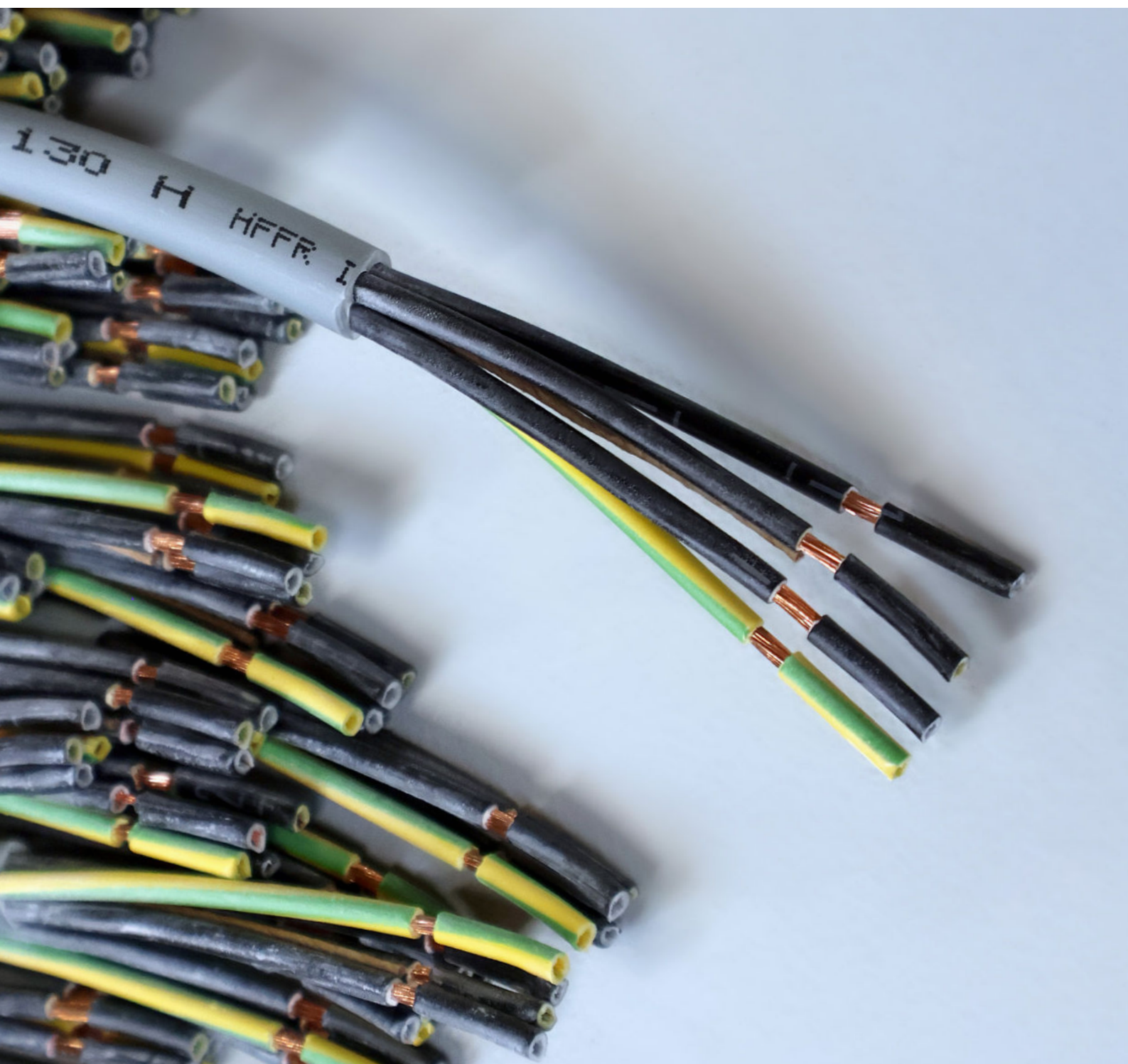




AUTOMATIC INNER CONDUCTOR PROCESSING

EXTENSION OF THE METZNER AM 2900 & AM 2950

Automatic Inner Conductor Processing with Metzner AM 2900 & AM 2950

Special Features

In conjunction with the multi-blade module of the AM 2900 and AM 2950, Metzner offers an extension option for reliable and automatic inner conductor processing.

This enables the stripping of inner conductors of multi-core cables with up to six inner conductors after the outer jacket of the cable has been removed. The inner conductors can be processed with partial or full pull-off. Inner conductor processing is possible at both cable ends.



Multi-Blade Module Function

For inner conductor processing, the outer jacket is first stripped to the required minimum length. Subsequently, the multi-blade module moves into position for inner conductor processing.

For this purpose, two spring-loaded clamping jaws are integrated into the multi-blade module, which align the inner conductors side-by-side on one level and position them to the blade before the stripping blade touches the inner conductors. The partial or full pull-off of the inner conductor insulation then occurs via the belt feed. In the case of full pull-off, the movable guide moves out of the cable axis for disposal of the waste pieces.

The required jacket stripping length for inner conductor processing is calculated as follows: the desired stripping length of the inner conductors (e.g., 8 mm) plus at least 20 mm for flat positioning of the inner conductors, plus 5 mm for placing the clamping jaws. In this example, the jacket stripping length is at least 33 mm.

Customer Benefits

With the inner conductor processing option, multi-core cables can have their outer jacket and inner conductors processed simultaneously. This combines previously separate operations into a single, automated workflow.

The spring-loaded clamping jaws can be removed at any time. Thus, the multi-blade module offers all the functions of the Metzner AM 2900 or AM 2950 cable processing machines without restriction, with outstanding versatility and precision.



FL_Inner_Conductor_AM 2900 & 2950_EN | Stand: 09/2025. All rights reserved. Technical specifications may vary. Possible spelling mistakes and inaccuracies cannot be ruled out. Image source: © Metzner Maschinenbau GmbH.

Inner Conductor Processing Package for both sides

Usable for Metzner AM 2900 & AM 2950

Order No. 230-08706

