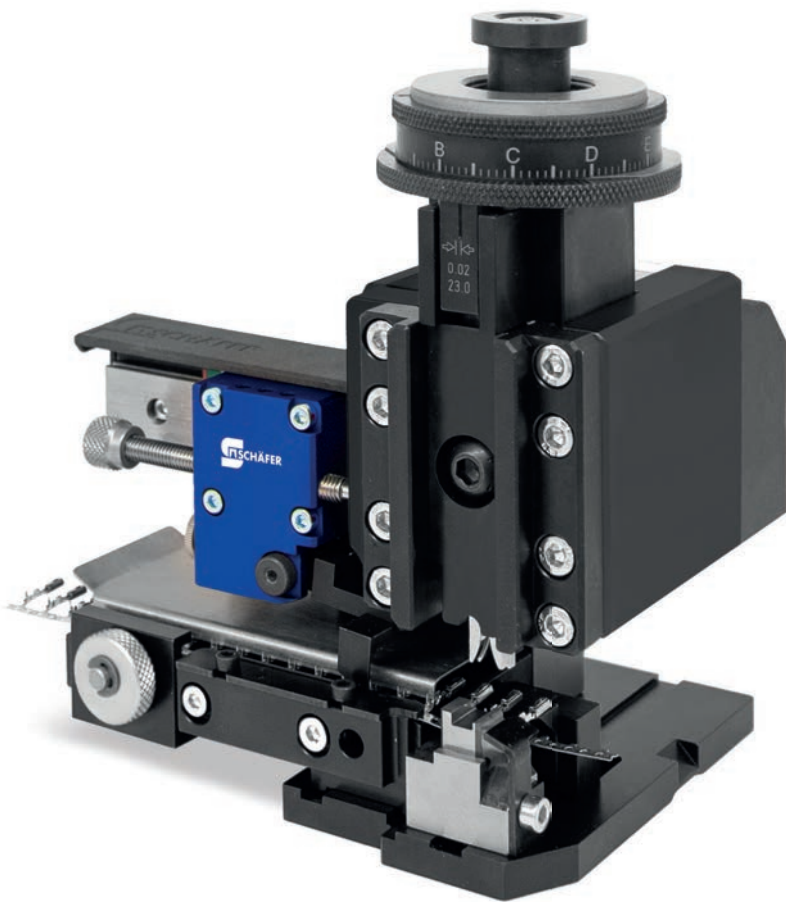


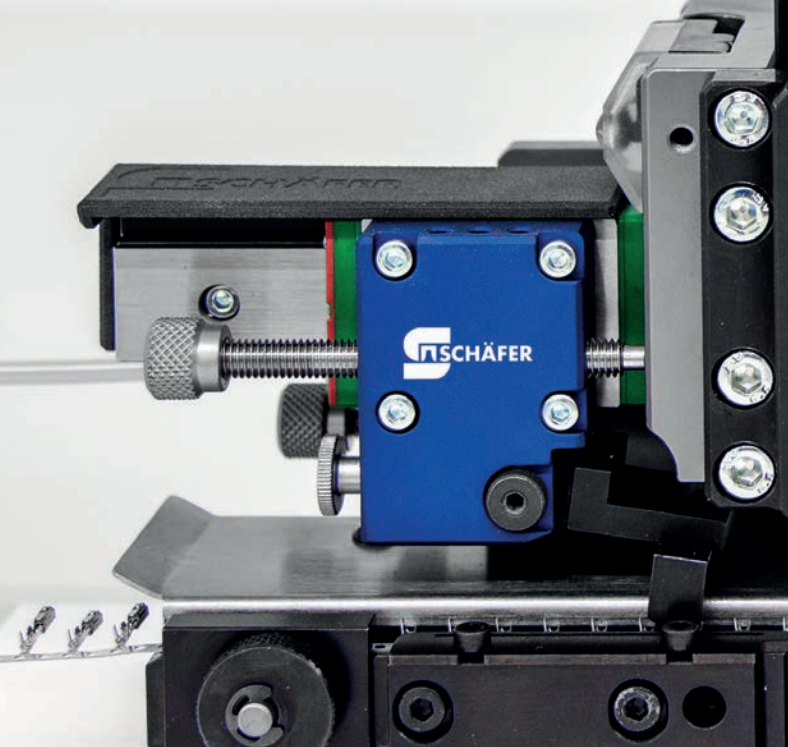


CRIMPING APPLICATOR AirCrimp PL-6

HIGH-PRECISION CABLE PRODUCTION WITH SMALL WIRE CROSS-SECTIONS

The latest generation of Schäfer crimping applicators impress with advancements in function, design, and application. The various innovations offer advantages for work preparation and for setting up crimping machines, thus enabling high precision in cable production to be achieved more easily and quickly.





HIGH-PERFORMANCE APPLICATOR

Optimized Adjustability for maximum Precision

The precise adjustment of the wire crimp and insulation crimp heights separately from each other is achieved with the completely redesigned crimp height adjustment head. The partial mutual interference present in earlier models has been eliminated by the complete mechanical decoupling of the adjustment rings.

Depending on the wire cross-section, there are two options available for crimp height adjustment. For smaller cross-sections, the adjustment range is 1.5 mm with an accuracy of 0.01 mm, while the adjustment range of 3 mm with 0.02 mm accuracy is ideal for larger cross-sections.

For optional fine adjustment of the crimping geometry, the feed table or finger is equipped with a tool-less adjustable clamping device. The high-precision roller bearings in the feed ensure high accuracy in terminal feeding.

Easy Handling and high Compatibility

The wear parts of the applicator are compatible with previous generations. The crimp dies, for both the wire crimp and the insulation crimp, can be changed quickly and easily, even when the crimping applicator is installed in the machine.

The easily integrated, optional counter determines the number of crimping operations performed by the applicators. The design for the standardized press closing height of 135.78 mm and the mounting in the machine using the usual quick-clamping device allows for use in common Schäfer crimping machines with up to 20 kN pressing force.

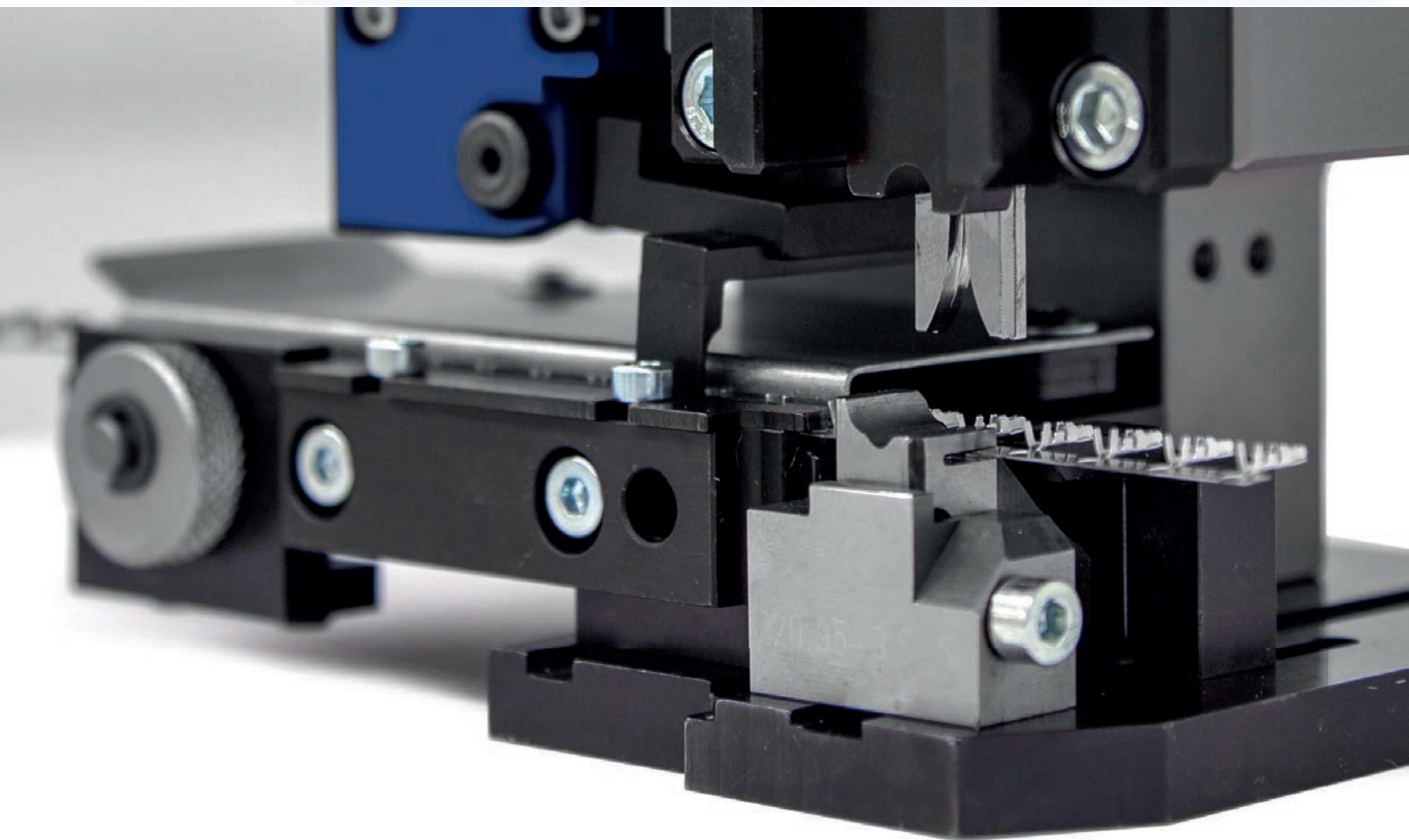
With the easily integrable optional counter, the crimping operations performed are determined on the applicator side.

INNOVATION FOR THE CABLE PRODUCTION

Advantages at a Glance

With the new Schäfer crimping applicator, you simplify adjustment work and thus reduce machine downtime. The high precision of terminal feeding and crimp height adjustment ensure precise crimp connections and thus enhance the quality of your cable production. Other innovations are:

- Adaptive crimp height adjustment
- Fully independently adjustable crimp heights
- Tool-free adjustment for adapting crimp geometry
- Interchangeable crimp dies
- Wear parts compatible with previous generations
- Mechanical counter easily integrated
- Robust design and long service life of wear parts



TECHNICAL DATA

Terminal feeding

Feeding actuation	pneumatic
Feeding type	from left
Terminal pitch [1]	up to 40 mm

Processable materials

Max. thickness of the sheet [1]	up to 0,8 mm
Wire cross sections [1]	up to 6 mm ²

Characteristic of the machine

Press force	20 kN
Stroke	40 mm
Shut height	135.78 mm

Geometry of the applicator

Range of crimp height adjustment	1.5 mm +/- 0.01 mm, 3 mm +/- 0.02 mm
Width of the punch	19 mm

Dimensions and weight

Dimensions (W x H x D) [2]	190 x 155 x 135 mm
Weight [2]	4,8 kg

[1] Depending on the material and geometry of the materials to be processed

[2] Approximate indication of the basic equipment

CONTACT US

Schäfer Werkzeug- und Sondermaschinenbau GmbH

Dr.-Alfred-Weckesser-Straße 6
76669 Bad Schönborn
Germany

Phone: +49 7253 9421 0
E-Mail: info@schaefer.biz

FURTHER INFORMATION

WWW.SCHAEFER.BIZ

