



ProLine 240 ADVANCED

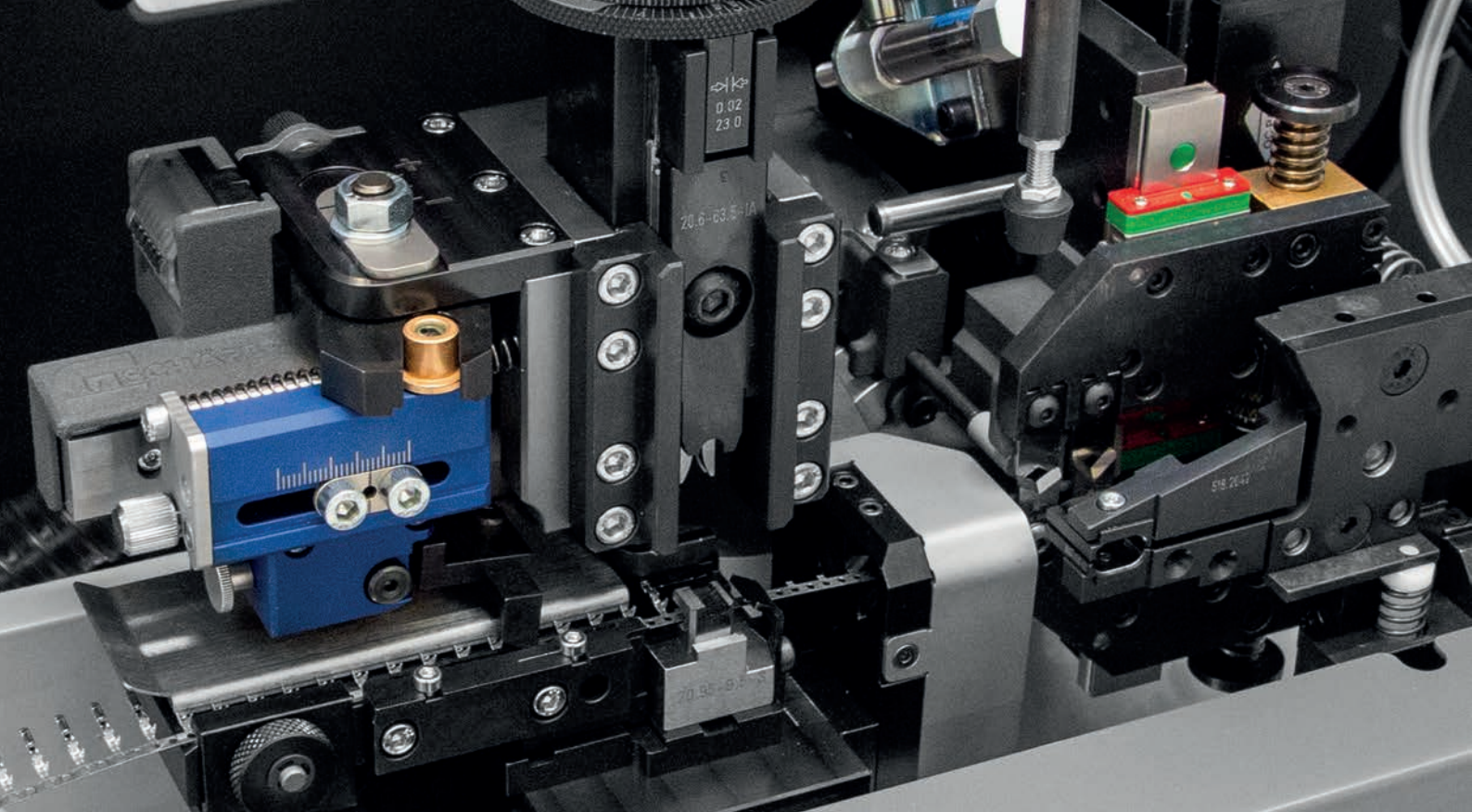
CRIMPING MACHINE WITH HIGH FUNCTIONALITY

Outstanding Cable Production

The new programmable crimping machine impresses with extensive advancements and high functionality. The various innovations offer advantages for all phases of cable production, enabling high-quality results to be achieved more easily and quickly than ever before.

Programmable Positions

The special feature of the ProLine 240 ADVANCED is its high flexibility in cable production, made possible by the servo drives in the stripping unit and the cross-feed. Coupled with the integrated recipe management, this allows for easy switching to predefined productions. The parameters for processing different cable variants are fully stored, such as stripping and zero-cut lengths, as well as the positions for crimping and removing the cable.



CRIMPING MACHINE WITH HIGH FUNCTIONALITY

New Stripping Unit

The foundation for the excellent crimping results of the ProLine 240 ADVANCED is created by the precise preparation in the stripping unit. For zero-cut and stripping, the machine is equipped with separate blades. This also results in lower operating costs due to longer part lifespans and reduced machine downtime. For quality assurance, the stripping unit is standardly equipped with a bad part cutting function, which is triggered by the optionally integrable crimp force monitoring.

Easy Preparation

The machine is designed for the use of all common crimping applicators and is equipped with a quick-release mechanism for tool-free clamping of the crimping applicators. The proven handwheel and an additional electric jog mode are included to perform functional and collision checks of the terminal feed and crimping process. The horizontally installed terminal strip chopper allows for easy insertion of the carrier strip, thus simplifying setup. Additionally, potential influences on crimping results due to the redirection of the carrier strip are reliably avoided.

Robust Design

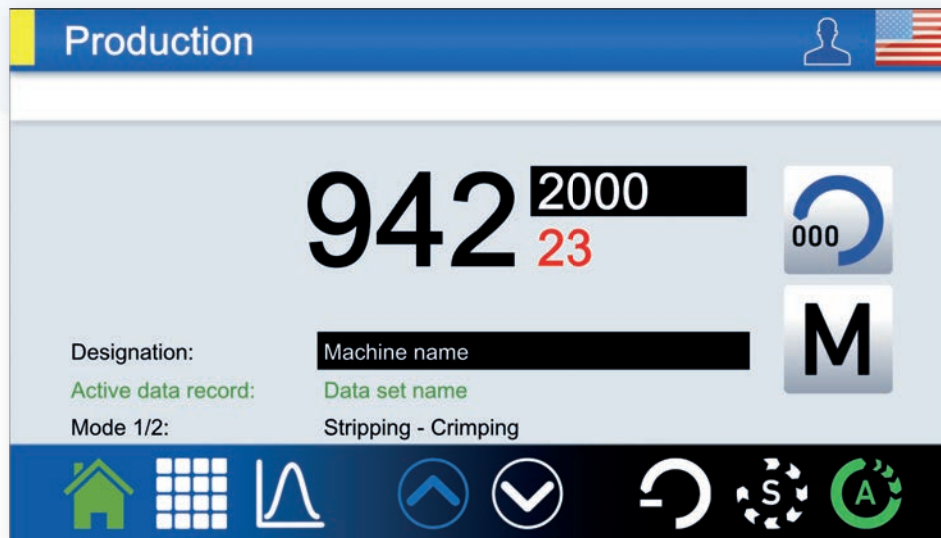
The new ProLine 240 ADVANCED stands out with higher rigidity compared to previous Schäfer crimping machines in this class. This allows for increased precision and quality in cable productions, even with higher press forces or complex applications. The workspace is generously designed for high flexibility during retooling and for individual expansion options.



INNOVATION FOR THE CABLE PRODUCTION

Modern User Interface

The control system with a large touchscreen features an intuitive user interface for easy and safe operation of the machine in various languages. The selection of different user roles and operating modes, as well as functions for machine networking, enable flexible and modern process flows.



EQUIPMENT OF THE MACHINE

Base equipment

- Stripping unit including zero-cut function
- Bad part cutter
- Machine protection
- Foot switch
- Workspace light
- Waste container

Optional extensions

- Crimping applicator
- Crimp force monitoring
- Specific wire grippers
- Paper winder with sag control
- Color recognition
- Networking module
- Remote maintenance module
- Terminal strip chopper
- Terminal oiler for longitudinal and transverse taped strips
- RFID user management

TECHNICAL DATA

Processable materials	
Wire	Single-core or multi-core sheathed cables
	Wire cross section: up to 6 mm ² [1]
Terminals	Longitudinal or transversely belted stripes
Process	
Stripping lengths	max. 20 mm [1]
Outer jacket stripping length	min. 30 mm [1, 3]
Performance and geometry	
Drive	0.75 kW three-phase motor
Motor speed	440 – 2000 RPM
Pressing force	20 kN
Stroke	30 mm or 40 mm
Closing height	135.78 mm
Controls	
HMI	STI 2015
Display	Touchscreen
Supplies and interfaces	
Power supply	230 V, 50/60 Hz
Compressed air	6 bar
Netzwerk	RJ-45
Dimensions and weight	
Width x Depth x Height	700 mm x 750 mm x 1000 mm [2]
Weight	197 kg [2]

[1] Depending on the configuration of wire and terminal.

[2] Approximate indication for basic equipment.

[3] Shorter lengths on request.

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FURTHER INFORMATION

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