



MOLDLINE 455 BASIC

EFFICIENT ENCAPSULATION IN SMALL BATCH SIZES

Handheld Device for Molding

The dispenser is designed for processing hotmelt polyamides on technical components. It provides both insulation and mechanical protection for sensitive assemblies, enabling them to withstand harsh environmental conditions such as heat, dust, and moisture.

Versatile Applications

The MoldLine 455 BASIC consists of a control unit with a melting tank and a molding dispenser for the quick provision of molten hotmelt material. The molding device enables a wide range of applications — from free molding, known as “potting,” in housings to the precise filling of small mold cavities.



MOLDING MACHINE WITH SLIDING TABLE FOR LARGE BATCH SIZES

Benefits of the Molding Device

The MoldLine 455 BASIC offers:

- Intuitive and user-friendly operation
- Compact design for mobile use
- Short heat-up time for rapid start-up
- High melting capacity for extended operating periods
- Modular design for easy cleaning and maintenance

With the MoldLine 455 BASIC, Schäfer provides a cost-effective solution ideally suited for prototype production and small batch manufacturing.

PREMIUM HOTMELT MATERIALS

Our high-quality hotmelt adhesives are ideal for technological applications and offer a variety of advantages. They provide rapid curing, enabling efficient production. Their strong adhesion ensures high durability, while their high temperature resistance guarantees reliable connections in demanding conditions.



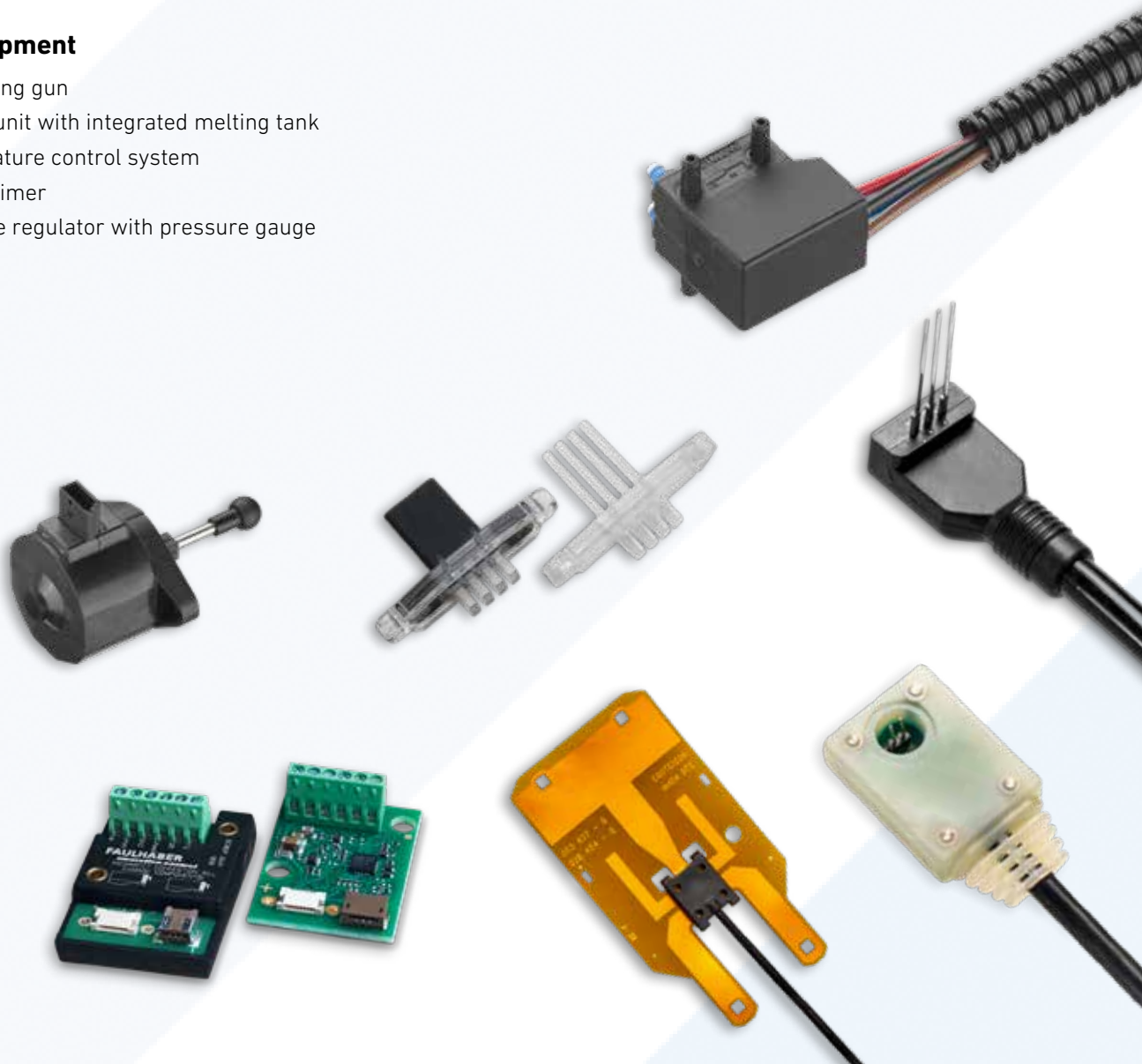
TECHNICAL DATA

Power	350 W
Display	LED
Temperature control	Electronic via controller
Molding pressure	1.5 - 5.0 bar
Air consumption at 5 bar	Approx. 0.1 liters per casting (depending on the application)
Feeding system	Compressed Air
Casting temperature	50 - 210 °C $\pm$ 1°C (continuously adjustable)
Tank volume	4,5 l
Power supply	220-230 V, 50 Hz
Compressed air	7 bar, dry and oil-free
Dimensions (W x D x H)	720 x 360 x 360 mm
Weight	35 kg

EQUIPMENT

Base Equipment

- Dispensing gun
- Control unit with integrated melting tank
- Temperature control system
- Weekly timer
- Pressure regulator with pressure gauge

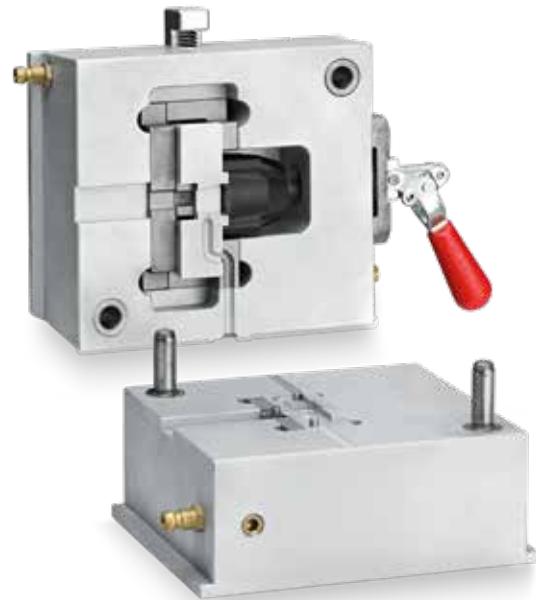


HOTMELT MOLDS

To efficiently produce encapsulated electrical components, powerful molding tools are used.

Schäfer develops custom solutions, including the appropriate molds, for high productivity and the best quality of results.

Starting from drawings and sample parts, the design and manufacturing of encapsulation tools are realized, which are adapted to the processing machines according to the system requirements.



MOLDING MACHINES

Hotmelt molding machines from Schäfer offer flexible applications and are ideal for encapsulating components of various designs. Thanks to their innovative design, they are optimal for processing various hotmelt adhesives and unfilled thermoplastics.



MoldLine 205 BASIC

Handheld Device for Casting
in Small Batch Sizes



MoldLine 850 BASIC

Molding Machine with Sliding Table
for Medium Batch Sizes



MoldLine 2632 extended

Molding Machine with Sliding Table
for Large Batch Sizes

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

