



Illustrations are exemplary and may show optional equipment.
Subject to errors and changes.

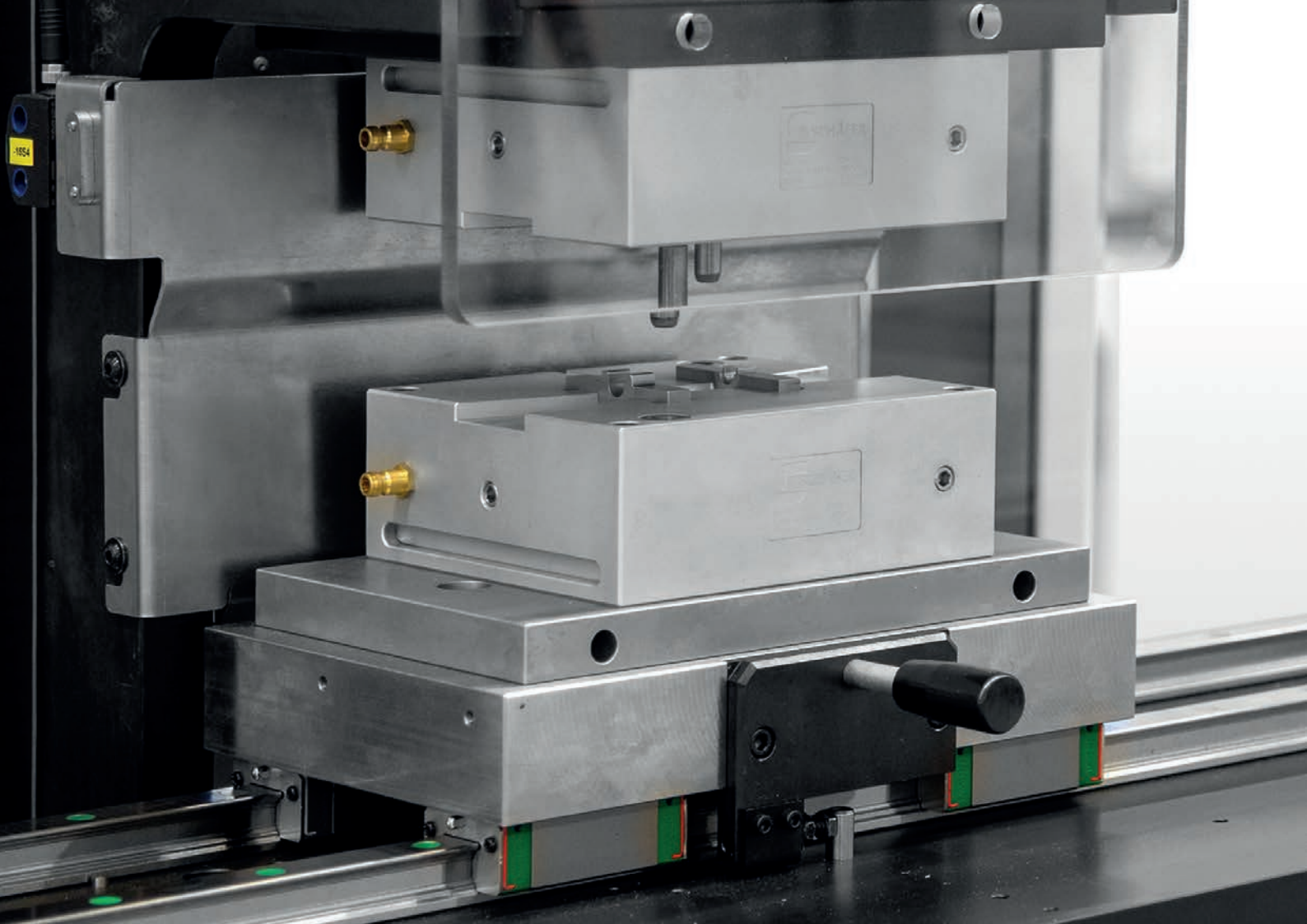
MOLDLINE 2632 EXTENDED

MOLDING MACHINE WITH SLIDING TABLE FOR LARGE BATCH SIZES

High Flexibility and Productivity

The molding machine from Schäfer is designed for overmolding hotmelt polyamides on technical components. This provides insulation and mechanical protection for specific assemblies, allowing them to withstand extreme conditions such as heat, dust, or moisture. The powerful machine is designed for maximum productivity in large batch sizes, making it ideal for applications in the automotive, electronics, and sensor industries.





MOLDING MACHINE WITH SLIDING TABLE FOR LARGE BATCH SIZES

Innovative Design

The low-pressure molding machine stands out for its modern design. Equipped with a direct-feed single-screw extruder and three heating zones, it is ideal for processing various hotmelt adhesives and unfilled thermoplastics. The compact and modular construction allows seamless integration into existing production lines, enabling efficient automation.

High Energy Efficiency and Quality

With a heating time of less than 20 minutes, the hotmelt molding machine is quickly ready for operation. The servomotor-driven closing device is adjustable so that the ideal closing force is used for the application, thus achieving high energy efficiency. Optical process monitoring is an optional extension for quality assurance in production.

Modern User Interface

The touchscreen control features an intuitive user interface for easy and safe operation of the molding system in different languages. Recipes for the various applications can be saved and called up again. The selection of different user roles and operating modes, as well as machine networking functions, enable flexible and modern process workflows.

TECHNICAL DATA

Processable materials

Hotmelt adhesives and thermoplastics	Hotmelt polyamides, polyolefin, polypropylene, polyurethane, co-polyamides, co-polyester, Santoprene, TPE, TPU, Elastollan, Hytrel and others on request
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Performance and geometry

Extruder screw diameter	32 mm
Heating technology	1 molding head with 3 heating areas

Process

Heating time	20 min
Molding pressure	5 – 200 bar
Molding temperature	max. 250 °C

Controls

HMI	STI 2015
Display	Touchscreen

Supplies and interfaces

Electric supply	3x 208-480 V, 50/60 Hz, 3,5 kVA
Pneumatic supply	6 bar
Network	RJ-45

Dimensions and weight

Length x Width x Height	1000 x 1500 x 1750 mm [1]
Weight	750 kg [1]

[1] Approximate indication for basic equipment

EQUIPMENT

Base Equipment

- Touchscreen control
- Manual sliding table
- Granulate feeder to the machine
- Chiller for entry

Optional Extension

- Granulate dryer
- Granulate feeder to the dryer
- Material container
- Chiller for molding tools
- Remote maintenance module
- Individual tool tables





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. Additionally, they are versatile and can be applied to various surfaces. Their strong adhesion ensures high durability, while their high temperature resistance guarantees reliable connections in demanding conditions.

We are happy to advise you and support you in selecting the appropriate hotmelt molding material.

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.



CONTACT US

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FURTHER INFORMATION

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