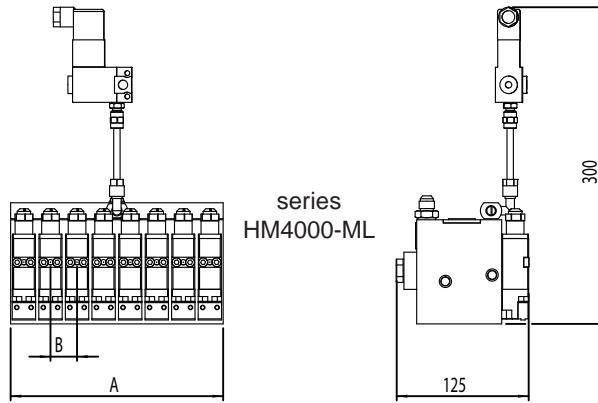
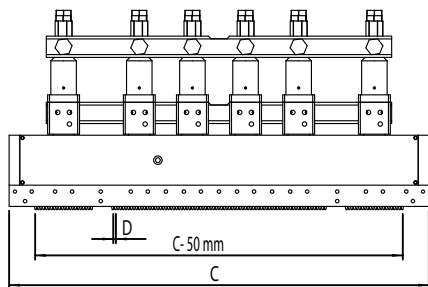


# Multiline applicator

for continuous applications



series  
HM4000-ML



series  
HM45-ML

APRO multiline applicators were designed for continuous laminating applications. We manufacture 2 different series.

Our series HM4000-ML uses the proven applicator module A200-Pro. The module spacing can be 22,5 mm or larger. The bead spacing depends on the type of nozzle being used. You can either apply 1 bead of adhesive per module or up to 7 lines.

Our series HM45-ML uses the control valve HM45 which can be mounted with a min. 30 mm spacing. The line distance is min. 2 mm and will be manufactured individually. The openings are realised by 3 shims, we call it a shim package.

For large applications we will mount gear pumps directly onto the applicator. This is also an option for the application of difficult adhesives and sealants.

#### Technical data

operating voltage	230 or 120 VAC
frequency	50/60 Hz
sensor	FeCuNi or PT100 or Ni120 or NTC
heating power	approx. 300 watts/100 mm
electrical connector	due to temperature sensor
temperature range	20-200 °C
glue inlet	BSPP 1/4or 3/8 with fittings UNF 9/16 or UNF 3/4 or M16x1,5
glue pressure	up to 10 mPa (100 bars)
air connection	BSPP 1/8 or BSPP 1/4
air pressure	600 kPa (6 bar)
total width A (HM4000-ML)	up to 1.000 mm
dimension B (HM4000-ML)	min. 22,5 mm
total width C (HM45-ML)	up to 1.500 mm (stackable)
dimension D (HM45-ML)	min. 2 mm

A highly accurate cross section glue distribution allow coat weights of 0,8 g/sqm. These coat weights are needed for manufacturing medical composites. 200 g/sqm. are applied for laminating textiles or for manufacturing filter pleats.

#### Our standard features:

- glue filter as standard
- reliable control module easy to be repaired
- high quality heater cartridges and temperature sensors
- ready-to go available for major brands of adhesive supply units (with correct sensor, electrical plug and glue fitting)

#### All our products:

- hotmelt systems
- heated hoses
- applicator heads
- pattern controller
- coating machines
- print heads for hotmelt
- spare parts for all brands

#### We have ready solutions and develop individually for the:

- hygiene industry
- converting industry
- packaging industry
- filter industry
- wood working industry
- automotive industry

#### Your benefits @ APRO:

- we implement your needs
- we have many years of professional competence (since 1992)
- we are fast and flexible
- we offer unlimited service availability and provide best quality products
- you will be our focus of attention

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