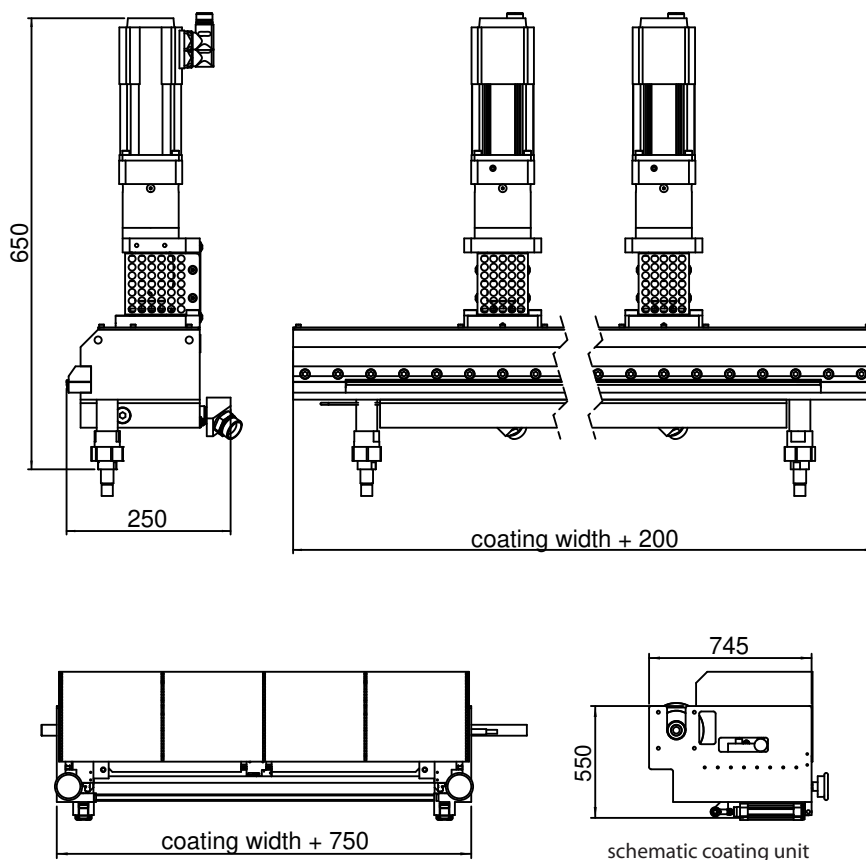


slot applicator PU

for continuous coatings above 20 g/m²



APRO slot applicators series PU are used for continuous hotmelt coatings with maximum precision.

These applicators don't use valves any more. There is one or more gear pump fitted to the applicator, each of the gear pumps have multiple outputs, usually 8 outputs. Each single output is feeding the segmented nozzle. The smaller the segment, the more precise the application.

The adhesive is centrally delivered from the melter to the applicator through 1 or 2 heated hoses, but the coat weight is only defined by the gear pumps mounted to the applicator itself.

Pressure sensors control the glue pressure during production and ensure that the melter is always supplying enough adhesive to the applicator.

The applicator needs a suitable coating unit to be mounted to. This unit needs a tempered, rubber converted coating roller and also needs appropriate adjustment units for the applicator positioning.

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 3/8 or BSPP 1/2, due to output
glue pressure	up to 10 MPa (100 bars)
coating width	250 - 2.000 mm
pump segment size	30 - 50 mm
pump type	8-output gear pump

Our standard features:

- glue filter as standard
- highly precise gear pumps
- reliable servo drives
- 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 long lasting 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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