



Multi Nozzle Applicator

Multidüse Applikator

Functional description

The ATN high-pressure multi-nozzle-applicator is able to apply single component materials for the use of underbody protection, sprayable insulating materials and seam sealing application.

The applicator comes with a swivel joint for optimum flexibility on the robot. The nozzle head can be swivelled independently of supply cables and hoses.

Product characteristics

- ✓ 3 application nozzles with independently controllable needle valves
- ✓ Reaction time of the needle valves <0.02 seconds
- ✓ 360° endlessly rotatable
- ✓ Available as heated version
- ✓ Stainless steel version possible
- ✓ Circulation between application head and dosing unit possible
- ✓ Integrated temperature sensor for temperature monitoring
- ✓ Needle stroke monitoring
- ✓ Application angle of the application nozzles can be customised for specific projects in the angles: 0°, 45°, 90°
- ✓ Application nozzles: airless, wide slot, flat stream
- ✓ Long service life with low maintenance costs
- ✓ No dripping



General technical data

Dimensions (WxDxH)	514 mm x 265 mm x 142 mm
Mass	4,9 kg (AL); 9,0 kg (VA)
Operating Voltage	24 V
Rated current	A 230 V AC
Power Heating	80 W
Max. Temperature	100 °C
Air supply	6 bar
Air connection pneumatic	Hose diameter 8 mm, Thread: G1/8"
Application pressure	100 bar
Max. application pressure	250 bar
Valve type	Needle valve
Material connection	DN13 in swivel fitting straight ball-guided 1/2" , 3/8"
(Forward- and return flow)	3/8" Form E & 60° cone

Ambient conditions / Ambient temperature

Storage and transport	0 - 55° C
Operation	10 - 40 °C

Applicable materials

PVC and other sealants

Greases and Lubricants

Pasty coatings materials

Sealants

Silicones and Urethanes

Epoxy resins and Acrylates

Potting compounds

Anaerobic adhesives

Additives

Suspensions and Emulsions

Processable product characteristics

Low to medium viscosity

Highly filled

Abrasive

Shear sensitive

Aggressive

