



High-tech spray applicator for 2C PUR adhesives

The new high-tech 2C spray applicator installed at Collano offers customers a unique fully-automated platform for carrying out practical substrate coating and beading trials. Collano has developed a new, extremely fast 2C PUR system for modern industrial production lines. The outcome is shorter pressing times and increased productivity. High line speeds and stable process control are key factors in the economics of any production process.

Technical capabilities

- High-pressure applicator for spraying and casting adhesives
- Stationary spraying or robot handling
- Enormous flexibility in coat weight
- Continuously adjustable mixing ratio 1:1 to 4:1 / 1:4 max.
- Closed-loop heating for each component
- Casting and spray head application
- Mixing heads are self-cleaning (no purging compound or gas needed) and therefore virtually maintenance-free

Services provided by Collano

- Adhesives expertise and advice
- Preliminary trials at Collano: Feasibility study prior to customer investment
- Determination of customer-specific parameter sets
- Adhesive system tailored to customers, e.g. setting time, pressing time, pressing pressure, temperature, coating quantity etc.

Collano 2C PUR system

Adhesive can be adjusted to customer needs

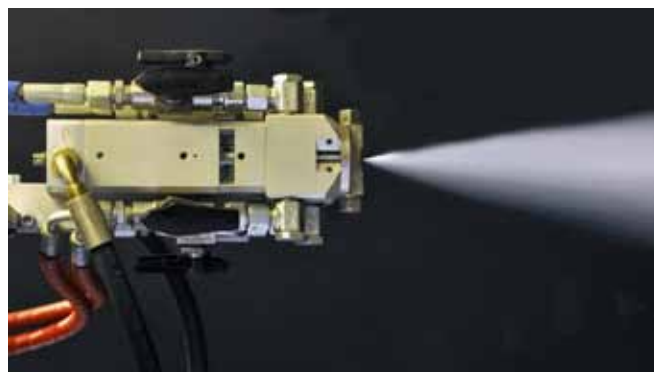
- Potlife: > 30 seconds, tailored to the production process
- Filled and unfilled systems
- With/without added flame retardant

Applications

- Industrial panel production
- Spray coating, e.g. insulation materials, acoustic insulation, fire protection
- Beading, e.g. gaskets



Beading.



Fully automated robotic processing for industrial production or hand spray-guns for flexible applications.