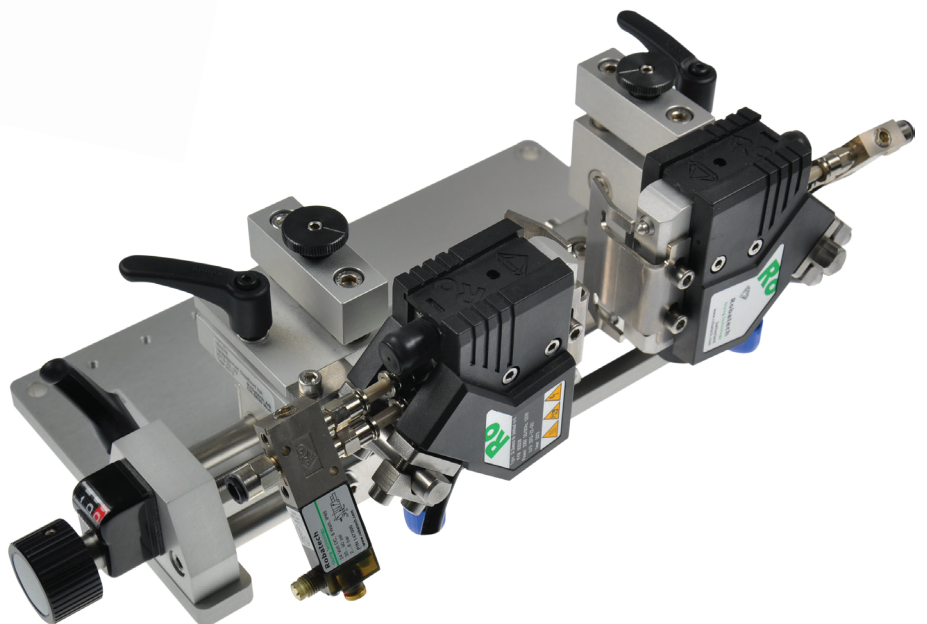
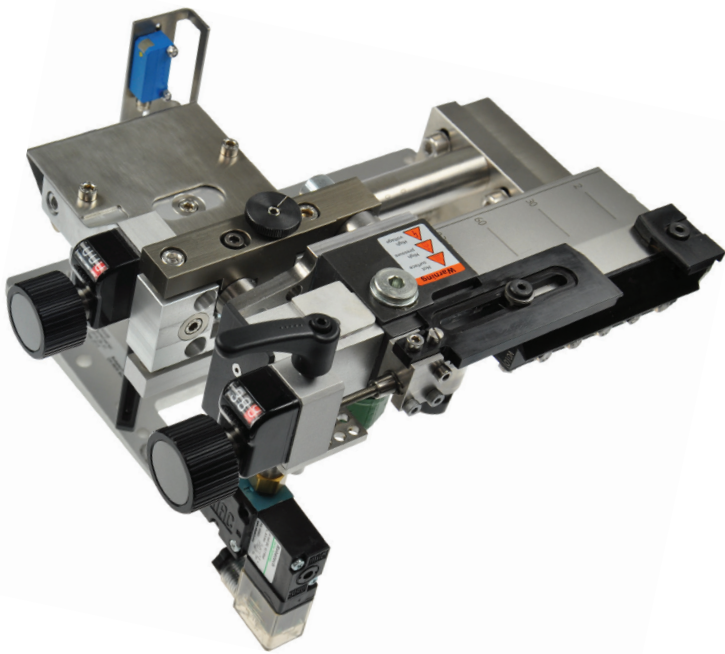


RO

Coating and Bead systems SpineCoat and SideBead

NEW

precise | simply | reduced energy consumption



Robatech
Gluing Technology

SpineCoat and SideBead

Coating and bead systems

General Information SpineCoat

- The **SpineCoat** system is perfect for retrofitting to existing book-binding machines. It replaces roller coating with the closed **SpineCoat** slot nozzle system for PUR hotmelt adhesive applications.
- The system is designed to support production speeds of up to 5,000 books at continuous speed.
- The mechanical interface to the host machine is the mounting plate for the **SpineCoat** application head.
- A complete integration into the binder on a trolley has to be done by a third party.

Features:

- The **SpineCoat** application head is a self-contained system which is used to apply an extremely thin and reproducible layer of PUR hotmelt adhesive to the book spine.
- The coating width is adjustable from 2 to 60 mm. The lateral guide guarantees a thin, even coating over the entire spine.
- The whole design is adapted for PUR Hotmelt.
- With the adjustable holders, the **SpineCoat** system can be positioned perfectly in relation to the book spine.

General Information SideBead

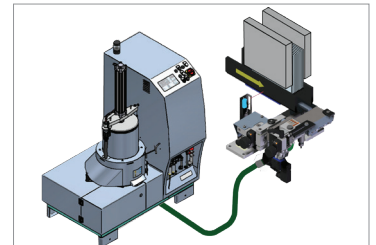
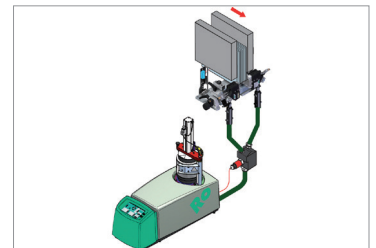
- The **SideBead** system is ideal for retrofitting to existing book-binding machines. It replaces open side gluing devices which use disks with the closed **SideBead** nozzle system for PUR hotmelt adhesive applications.
- The system is designed to support production speeds of up to 5,000 books at continuous speed.
- The mechanical interface to the host machine is the mounting plate for the **SideBead** application head.
- A complete integration into the binder on a trolley has to be done by a third party.

Features:

- The **SideBead** application head is a closed system to apply a fine PUR Hotmelt bead on both sides of the book spine.
- The bead length is adjustable for book length from 100 till 500 mm. The bead application for a fine bead with a 1 mm diameter is guaranteed with a nozzle diameter of 0,3 mm.
- The whole design is adapted for PUR Hotmelt.
- With the adjustable holders, the **SideBead** system can be positioned perfectly in relation to the book spine.

Benefit:

The energy-optimized surface coating and bead application nozzles reduce the environmental impact and ensure that the PUR hotmelt adhesive is used sparingly. Since setup and adjustment tasks take less time to complete and formats can be changed in the blink of an eye, handling is more straightforward and production costs are reduced.



Technical data

Temperature range	20...130 °C
Adhesive pressure	50...100 bar
Adhesive viscosity	1'000...12'000 mPas
Adhesive	PUR Hotmelt
Book spine width	2...60 mm infinitely adjustable
Book spine length	100...500 mm
Coating thickness	0,3...0,5 mm
Number of cycles	up to 5'000 books / hour
Operation voltage	200...240 Volt AC
Power supply	24 VDC / 12,7 Watt

Technical data

Temperature range	20...130 °C
Adhesive pressure	50...100 bar
Adhesive viscosity	1'000...10'000 mPas
Adhesive	PUR Hotmelt
Book spine width	2...60 mm infinitely adjustable
Book spine length	100...500 mm
Single bead	0,3...0, 75 g/m
Number of cycles	up to 5'000 books / hour
Operation voltage	200...240 Volt AC
Power supply	24 VDC; 8 Watt / jetting element

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