

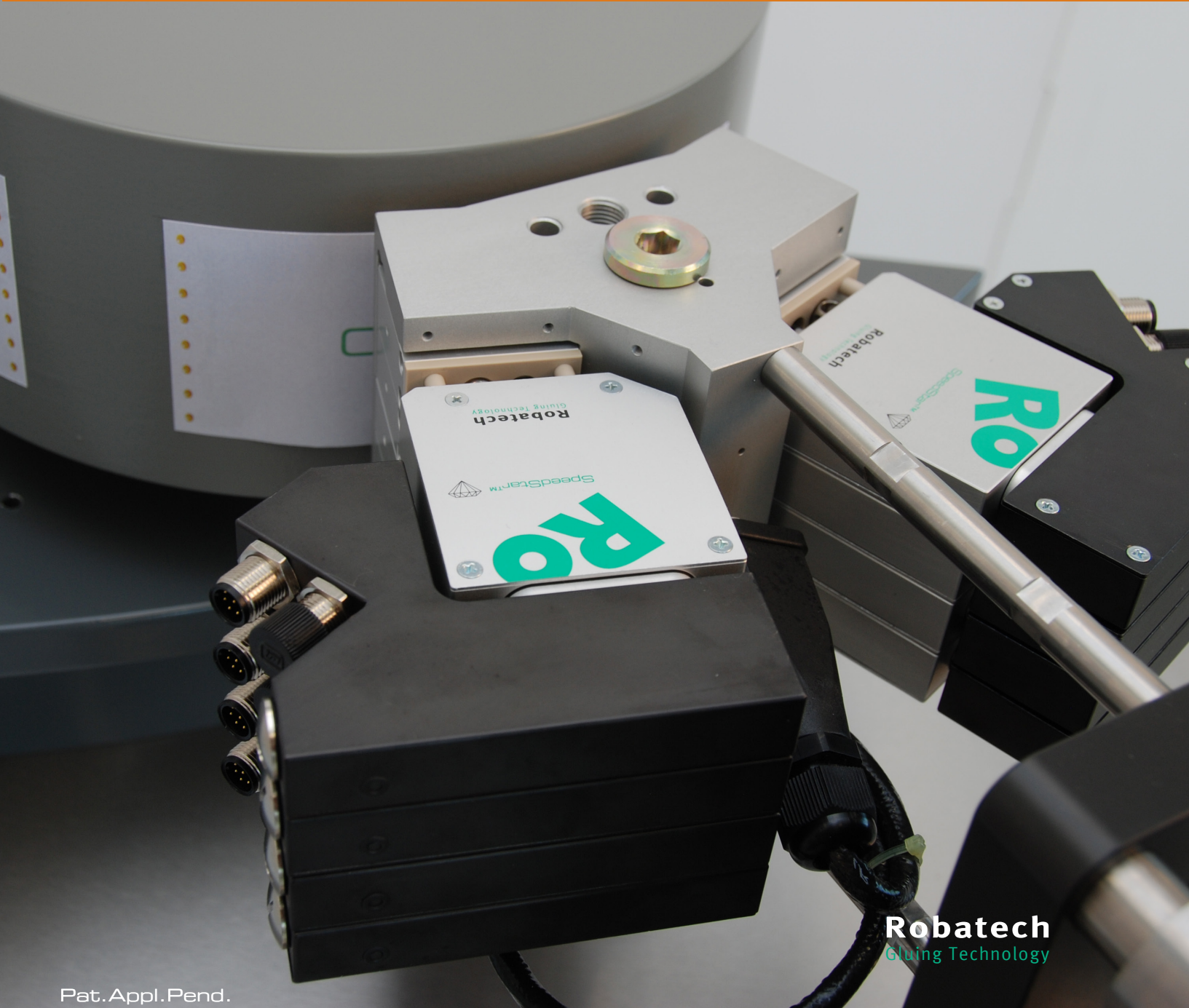
Rollfed

# RO

## Hotmelt Nozzle System for Wrap-Around Labeling LabelStar R

SX or SpeedStar  
Technology

precise | neat and clean | durable  
fast format change



Pat. Appl. Pend.

**Robatech**  
Gluing Technology

## LabelStar R

### Hotmelt Nozzle System for Rollfed Labeling

Robatech offers a complete hotmelt nozzle applicator system for the rollfed wrap-around labeling of bottles and other containers. The equipment is suitable for both paper and plastic labels.

#### Functioning of LabelStar R

The **LabelStar R** nozzle system consists of a hotmelt equipment with integrated control and a special V-shaped applicator head for start and end gluing. As the label unwinds from the roll it is cut to length and transferred to the bottle/container by means of a vacuum cylinder. Dots of adhesive are applied to the start and end of the label immediately before it is placed on the product. Presence of the label is additionally checked to prevent contamination of the vacuum cylinder.

#### Durable

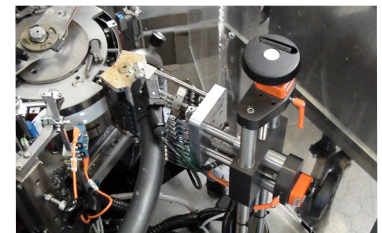
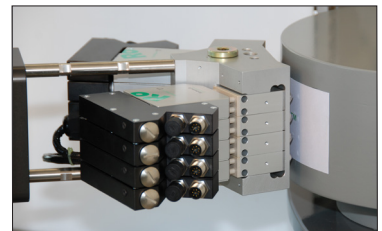
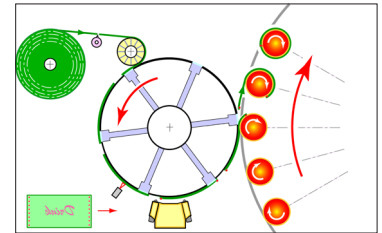
Solutions based on pneumatically controlled SX heads reach a useful life of approx. 50 million switching operations, depending on the operation and quality of the air supply. A useful life of > 250 million switching operations can be expected with the new SpeedStar heads, resulting in a favourable cost-benefit ratio.

#### Characteristics

- Closed, contactless system without circulation
- Fast
- Durable
- Precise
- Integrated filters
- Integrated application control
- Label presence is monitored
- Solid retention brackets
- Adjustment points by means of counter'

#### Advantages

- Adhesive is protected from contamination and ambient air
- Adhesive is treated gently and retains its tack
- No smoke emissions
- Minor cleaning effort required
- Less maintenance
- Simple and quick change-over to other bottle/container and label formats
- No tools required for format change
- Increased efficiency / productivity



### Technical data

	SX	SpeedStar
Adhesive types	Easy flowing adhesive hotmelts	
Adhesive viscosity	300...600mPas	
Temperature range	20...185°C (68...365°F) ± 0.5°C	
Adhesive pressure	max. 50 bar	
Speed	max. 120m/min.	max. 280m/min
Useful life	50 million cycles*	250 million cycles*
Control air pressure	6bar	---
Operation voltage	200...240 Volt AC, 50/60 Hz	
Heating capacity	500 Watt	
Spray element distance	18mm	
Label height	max. 150mm	
Protection class EN	IP 54 (IP 65 optional)	

\* Depending of adhesive, viscosity and temperature

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