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## Coldglue applicator heads ECX 30 Platinum

# NEW

fast | precise | durable | sustainable



**Robatech**  
Gluing Technology

## ECX 30 Platinum

### Electrical Coldglue applicator heads

The new generation of electrically powered **ECX 30 Platinum** cold glue application heads combines a high switching frequency with maximum life span when processing low-viscosity dispersion adhesives. With contact-free glue application in dot, bead and continuous patterns, the **ECX 30 Platinum** cold glue application heads are ideal for the use in folding box gluers and folder gluers.

#### fast and precise

The **ECX 30 Platinum** ensures very precise dot application at shortest distances and high machine speeds up to 500 switching cycles per second. The integrated stroke adjustment ensures precise fine adjustment of the adhesive amount. Furthermore, the optimized nozzle geometry ensures excellent pull-off behavior of dispersion adhesives from the nozzle tip mainly contributing to a precise adhesive application.

#### durable and sustainable

The robust and simple design of the **ECX 30 Platinum** ensures a high life span and simplifies maintenance and care. Consequent implementation of a short and direct design for extremely gentle adhesive delivery from inlet to outlet reduces the mechanical stress on the adhesive within the application head. Thus, the **ECX 30 Platinum** decisively contributes to durable and sustainable production.

#### ECX 30 Platinum variants

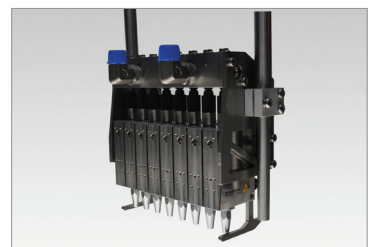
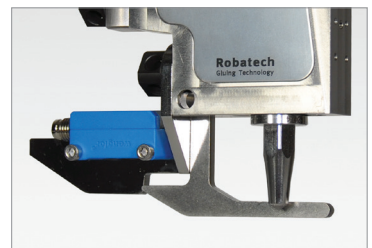
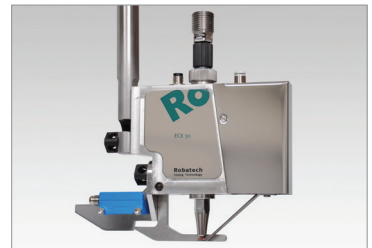
The area of application of the **ECX 30 Platinum** is extended by a 24 VDC version without overvoltage for actuation via PLC control. Applications requiring multi-bead adhesive application can be found in the graphical as well as the converting industry. For these applications, the 6 VDC and 24 VDC variants of the **ECX 30 Platinum** can be combined into a multi-bead application head. This supports glue application with a CC distance of 20 mm in steps of 2, 4, 6, 8, 10, or 12.

#### Features:

- Very small design with a width of 20 mm.
- Integrated actuation display per LED.
- Integrated manual pushbutton.
- Modular design for extensions

#### Advantages:

- Design allows easy integration.
- Integrated actuation display facilitates production monitoring and possible error diagnostics.
- Integrated manual pushbutton enables **ECX 30 Platinum** operation at the installation location.
- Options: Substrate guide, trigger bracket, cover slider, and glue bead monitoring.



## Technical Data

	ECX 30 Platinum 6 VDC version	ECX 30 Platinum 24 VDC version
Operation types	dot, bead and continuous application	
Material	stainless steel	
Adhesive connection	d= 12/8 mm or 8/6 mm	
Adhesive pressure max.	30 bar	15 bar
Adhesive viscosity max.	4 000 mPas	
Switching frequency	500 cycles/sec.*	200 cycles/sec.*
Operating voltage	6 VDC with overexcitation	24 VDC w/o overexcitation
Recommended controller	AS 50, AS 60	PLC, AS-IK 40, AS 30
International Protection Code	IP54	
Operating cycles	1 000 million switching cycles	
Nozzle diameter	0.1 - 1.0 mm	

\* depending on viscosity of adhesive

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