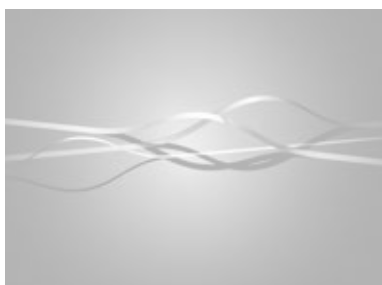
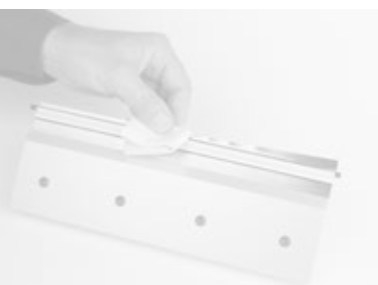


AKEBOOSE

An **AGERGAARD** Company

Equipment for printing excellence





About us

At AkeBoose, we're more than an engineering company – we're your trusted partners in innovation. Specializing in machine components and systems that expertly apply liquid to substrates, our focus is primarily on the flexographic and rotogravure printing and packaging industry.

Our core competence is the development and manufacturing of cutting-edge application and supply systems for printing inks and coatings. Our product line encompasses chamber doctor blade systems, ink supply and handling systems, as well as rotogravure blade holders with perfectly matched doctor blades.

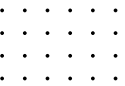
AkeBoose product portfolio

Blade holders	p. 3
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Ink handling solutions	p.6-7
Ink filters	p. 7



Blade holders

The patented AkeBoose blade holder system reduces doctor blade costs significantly in rotogravure printing while ensuring precise and consistent doctoring outcomes. The unique blade holder geometry enables operation with reduced contact pressure, leading to a 50% longer blade lifespan and increased service life for gravure cylinders.



Considerable doctor blade cost savings



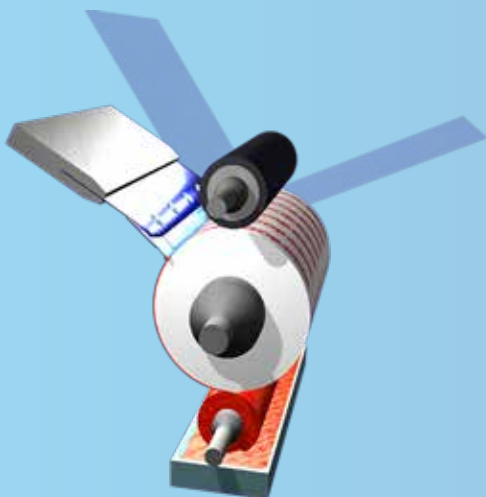
Excellent doctoring precision and process flexibility



Extended doctor blade and gravure cylinder service life



Quick and easy doctor blade changes



How does it work?

The blade holder in rotogravure printing replaces the traditional 40-50 mm wide lamella doctor blade. It holds two blades: the working doctor blade (10 mm wide) for ink wiping and an adjustable back-up blade (8-9 mm width) for stability.

This setup mimics the lamella blade principle, allowing for variable lamella lengths and thicknesses (0.065 to 0.203 mm) to achieve desired print quality. It's a flexible and user-friendly system adaptable to diverse print job needs.





Chamber systems

AkeBoose chamber doctor blade systems aim to simplify the daily operations of printers by providing efficient ink metering that is both cost-effective and ensures high-quality, consistent printing. Our systems are versatile and suitable for various flexo printing applications, ranging from narrow web label printing to wide web flexible packaging, as well as corrugated and tissue printing.



NOVA TK



All-in-one modular chamber for quick and easy handling



Ink-saving, leak-proof flexo chamber technology



Low-wear precision doctoring for resource-efficient printing

NOVA RS



With ink reservoir for pump-less ink supply, ideal for UV inks



Lightweight one-piece chamber for a smooth ink flow and quick ink changes



Easy tool-free doctor blade and end seal changes

Chamber systems



NOVA XLS



Intelligent chamber design for an efficient and worry-free operation



Excellent mechanical and chemical resistance thanks to stainless steel chamber body



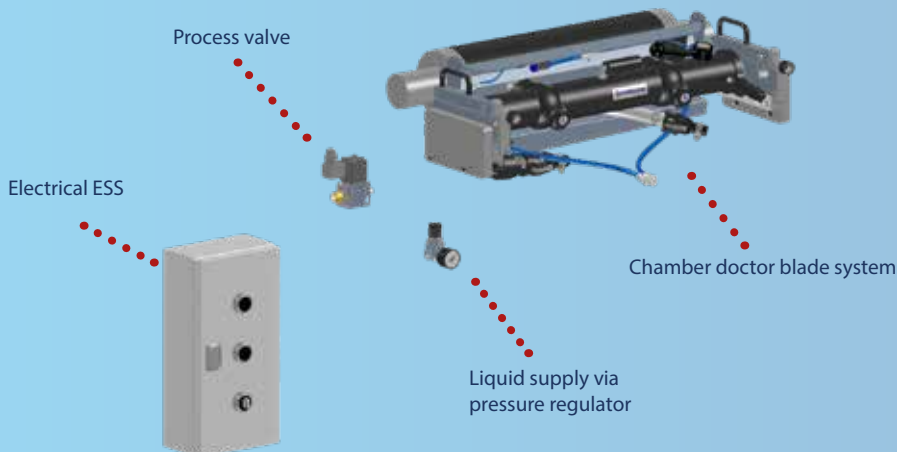
Very easy to keep clean and straightforward to service

End-seal spray system

Option for Nova XLS

The End-seal Spray System (ESS) tackles the issue of quick-drying water-borne inks on plastic film, a non-absorbent substrate. These inks dry rapidly, crucial for high-speed printing but create problems with sealing and chamber cleaning.

The ESS keeps the end seal area humidified, preventing ink from drying up, preserving the end seal, reducing leaks, and simplifying deck cleaning. Achieved through a unique double end seal setup, it maintains ink integrity, ensuring smooth printing and extending end seal lifespan.



Better sealing results



Longer end seal lifetime



Less machine downtime and cleaning effort

Core benefits of AkeBoose chamber systems



Precision inking without back doctoring



Extended service life of blades and seals



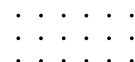
Easy handling



Minimal care requirements



Low running expenses





Ink handling solutions

To maintain consistent print quality in flexographic printing, effective color management is crucial. It ensures an optimal ink flow between ink containers and the printing unit to achieve the following objectives:




- ✓ There is always fresh ink circulating
- ✓ No deposits are created

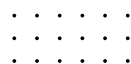
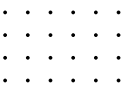
- ✓ Air can escape from the doctor blade chamber
- ✓ The cells of the anilox roller are evenly filled with ink

EPQ series

Pneumatic membrane pumps



- 
 Balanced ink supply for consistently high print results
- 
 Facilitates the cleaning process of the chamber system
- 
 Variants with automatic cleaning process available



Ink handling solutions

EPP series

Peristaltic pumps



Self-priming pump with low energy input for steady ink supply



Easy to clean, ideal for frequent ink changes



Suitable for water based and UV inks at all normal viscosities

EPZ series

Centrifugal pumps



Pulsation-free ink supply with continuous flow regulation



Simple operation and maintenance



Ideal for water-borne inks

Ink filters

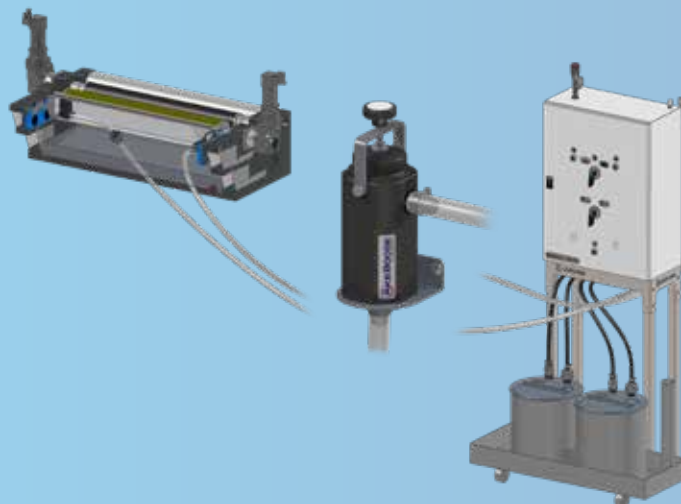
To achieve the best printing results, maintaining the stability of printing inks and varnishes is crucial. This involves effectively filtering ink impurities throughout the printing process, such as dust, ink clumps, and steel fragments from doctor blade wear against the screen roller. AkeBoose magnetic ink filters are crafted to guarantee a seamless and uninterrupted ink filtration process.

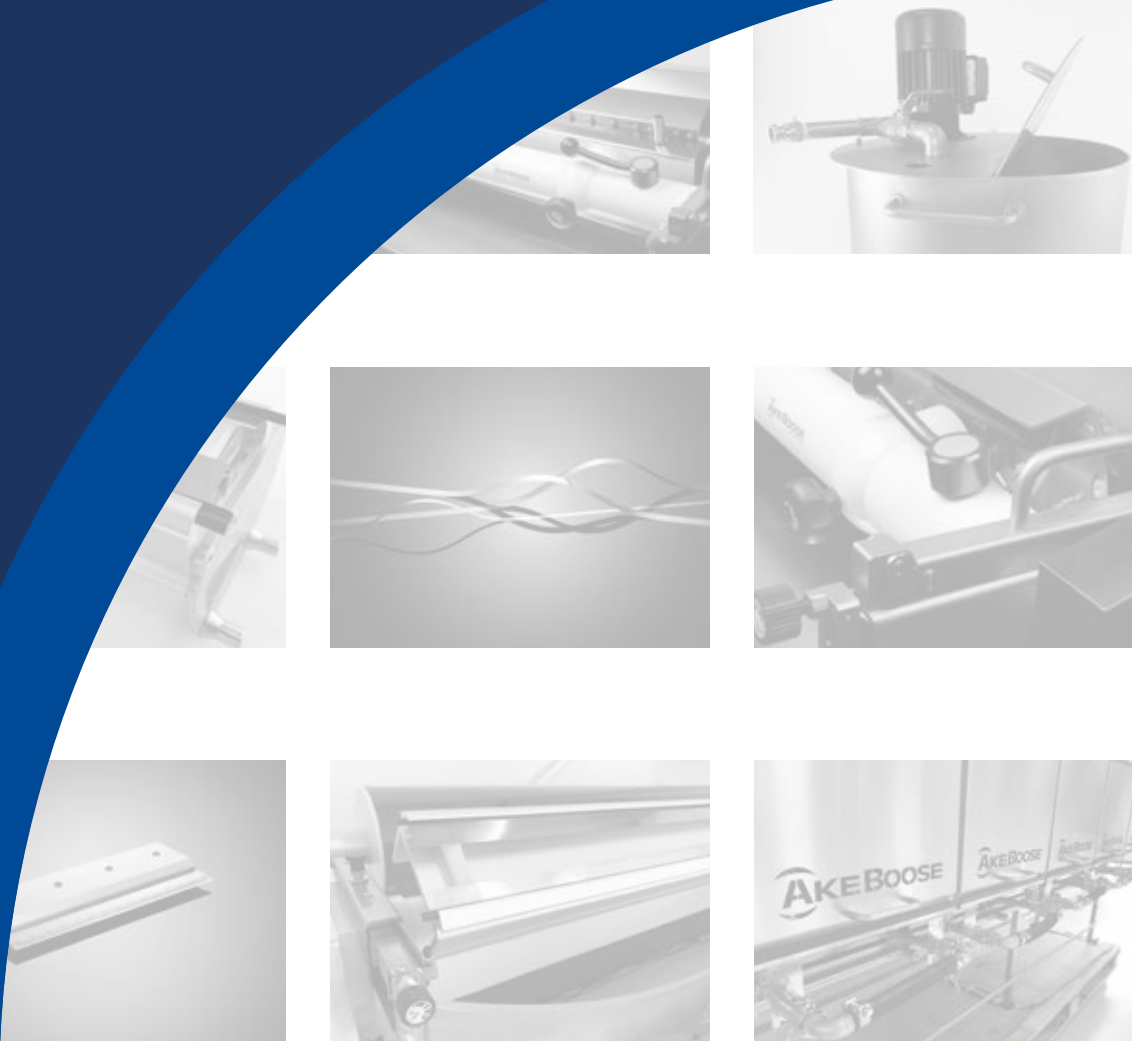


Various filter mesh sizes matching respective printing application requirements



Strong magnetic force to safely collect steel particles from worn doctor blades





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