

- No back doctoring
- Quick blade change
- Low running cost



NOVA XLS

CHAMBER SYSTEM FOR FLEXO PRINTING

“The best kept secret for inking and doctoring efficiency is an asymmetric chamber design, in combination with low pressure doctoring.”

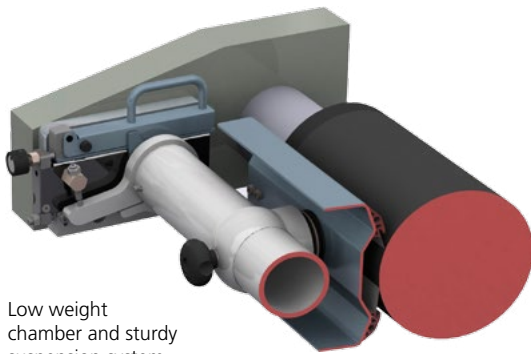
ÅKE BÖÖSE, CTO AND FOUNDER OF
AKEBOOSE GRAPHIC PRODUCTS

Boost your productivity with

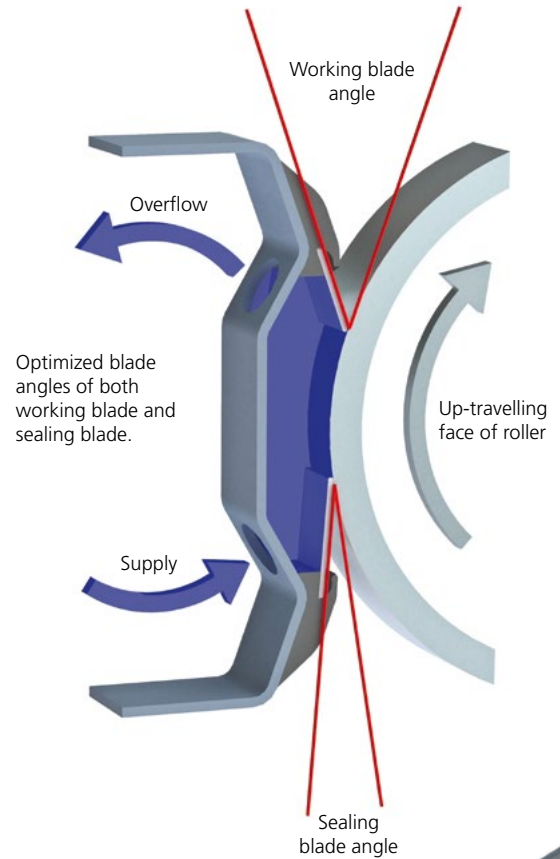
High speed printing

The leak-free NOVA XLS chamber is designed for inking perfection at high speed printing in flexible packaging. The slender chamber profile is optimized for a consistent ink flow, resulting in excellent inking and doctoring.

The NOVA XLS chamber is filled with ink to 100% to reduce air from mixing with the ink.



Low weight chamber and sturdy suspension system.



Light as carbon fibre chambers

The weight is only 6-8 kg per meter which makes NOVA XLS one of the lightest chambers on the market.

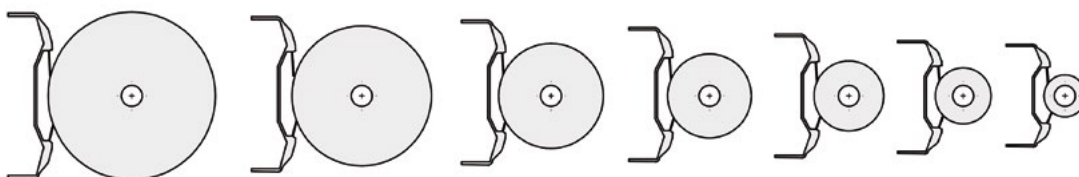
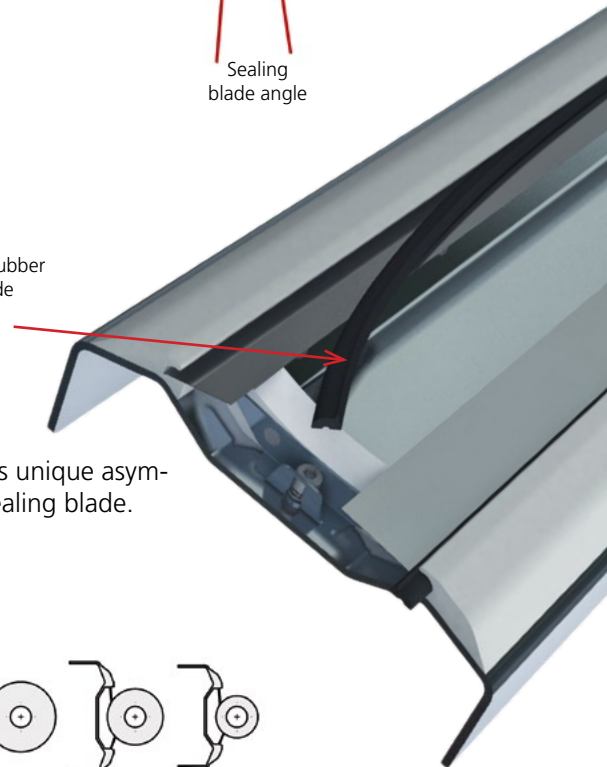
No back doctoring or ink spitting

Many flexo printers are facing problems with back doctoring from the sealing blade, in particular on up-travelling print units.

Another wellknown problem is ink spitting from the working blade.

The NOVA XLS chamber eliminates these problems completely through its unique asymmetric design, with optimized blade angles of both working blade and sealing blade.

Patented rubber profile blade clamps.



Several chamber profiles to match

Each chamber profile is specially designed to give optimal blade angles within a specific screen roller interval, covering diameters from 104–312 mm.

NOVA XLS Chamber System!

Longer blade life

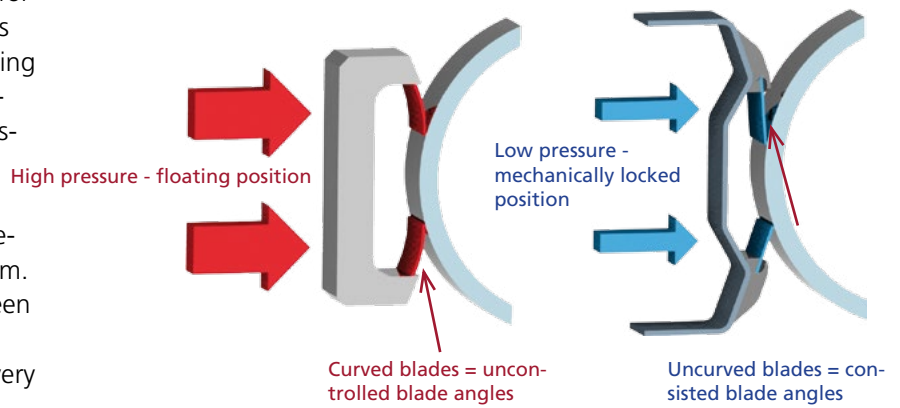
Low pressure doctoring is a unique feature for all AkeBoose chamber systems which means that doctor blades and end-seals are not being used as bearings. Scoring of rollers is an unknown problem with AkeBoose "kiss impression" technology.

Every chamber is running at a minimum of pressure against the screen roller, due to mechanically locked chamber positioning system. This reduces wear of doctor blades and screen roller significantly.

The return of investment will benefit from very low running expenses.

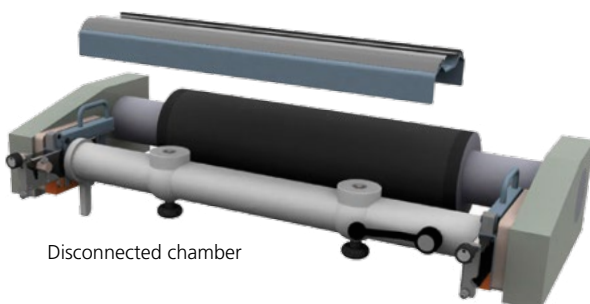
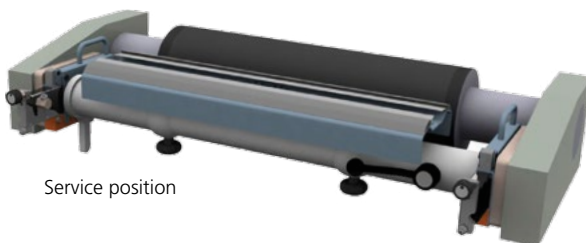
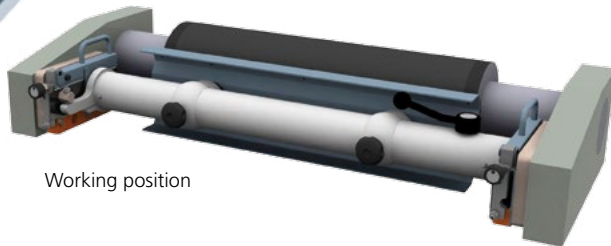
Conventional chamber using doctor blades and end-seals as bearings.

NOVA XLS chamber with kiss impression touch.



Rapid blade change

Ink tight, quick and easy. The patented blade clamping system from AkeBoose is using rubber profiles in EPDM to hold and seal the blades. No need for special tools, compressed air or maintenance support from the workshop.



Easy cleaning

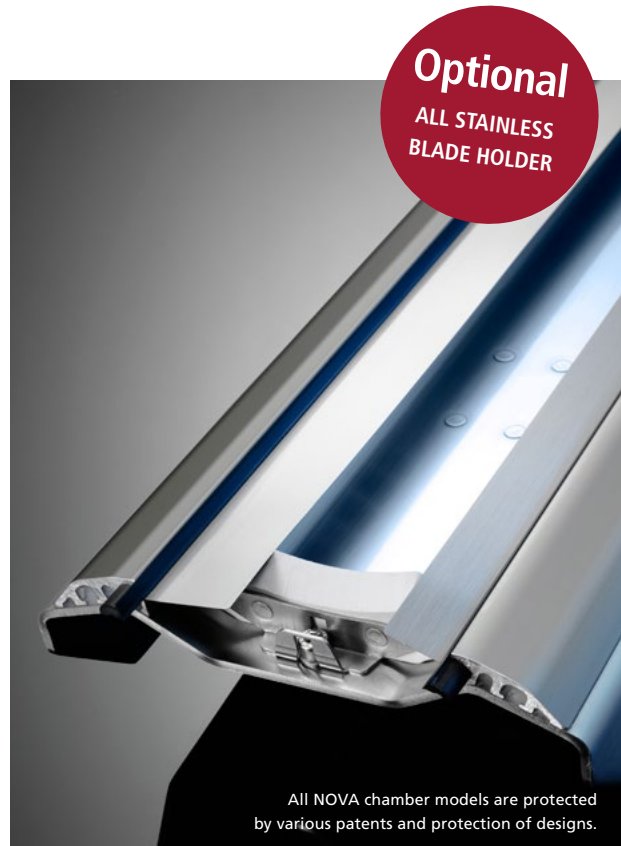
The clean interior design of the NOVA XLS chamber, together with the unique rubber blade clamping, makes the chamber unit very quick and easy to handle and to keep clean.

It takes only seconds to disconnect the chamber for cleaning and preparations off press.

TECHNICAL DATA NOVA XLS Chamber System

Print width	300 – 3.420 mm
Screen roller diameter asymmetric design	104 – 312 mm
Screen roller diameter symmetric design	104 – 670 mm
Models/profiles	10 + 6
Application	All flexo
Ink types	Water, Solvent, UV
Ink flow	1 – 10 l/min
Detergent/ink	pH 2 – 14
Printing speed	~ 600 m/min
Material	Stainless steel, Aluminum*, EPDM, PE
Weight	6 – 8 kg/meter
Working blade, steel	25 x 0.152 mm, 22 x 0.152 mm
Sealing blade, steel	35 x 0.152 mm
WashUp System	Optional
Pump solutions	Optional
HumidFlow® System	Optional

* Stainless steel blade holder, Optional



DEDICATED TO INKING PERFECTION

AkeBoose Graphic Products is a global provider of high quality inking and doctoring systems for flexo and gravure printing. Core product values are clear function, clean design, minimal care and low operating costs to make everyday life easier for the printer.

STAINLESS STEEL TECHNOLOGY

Products from AkeBoose Graphic Products are made from stainless steel to meet harsh conditions within the printing industry, using inks and detergents with extreme pH values.

LOW WEIGHT PRINCIPLE

A sturdy suspension system, in combination with a detachable low weight ink chamber, is vital for a safer working environment.

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