



Inking
Perfection
for Flexible
Packaging.

➤ High speed printing ➤ No ink leakage & back doctoring ➤ Easy cleaning & service

Chamber Systems for Flexible Packaging

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.

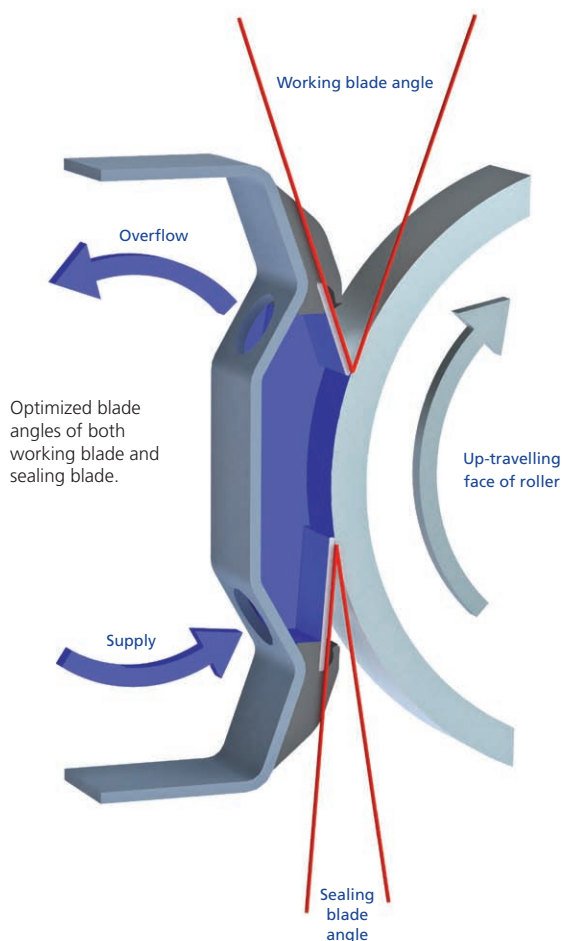
Low Weight Principle

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

NOVA XLS
Chamber System
is designed to
eliminate
problems like back
doctoring, leakage,
excessive wear
of doctor blades,
ink starvation,
spitting and
screen roller
scoring for all
flexo applications.

ÅKE BÖÖSE, TECHNICAL DIRECTOR
AKEBOOSE GRAPHIC PRODUCTS

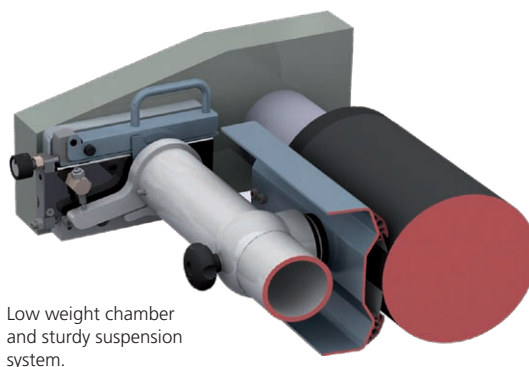
stainless steel technology for all flexo applications!



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.



No back doctoring or ink spitting

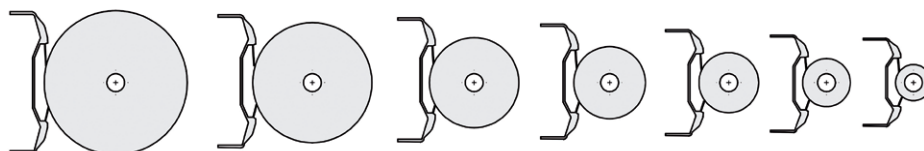
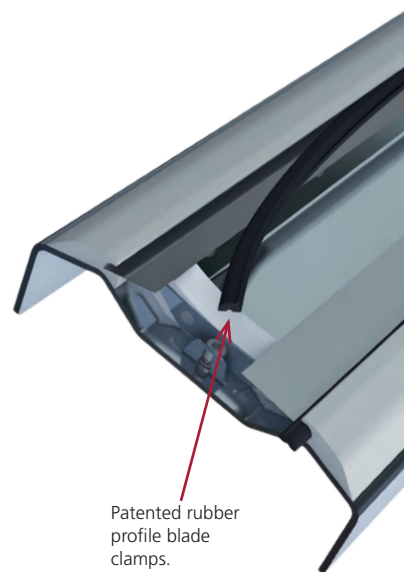
Many flexo printers are facing problems with back doctoring from the sealing blade, in particular on up-travelling print units.

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.

Light as carbon fibre chambers

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



Seven chamber profiles to match

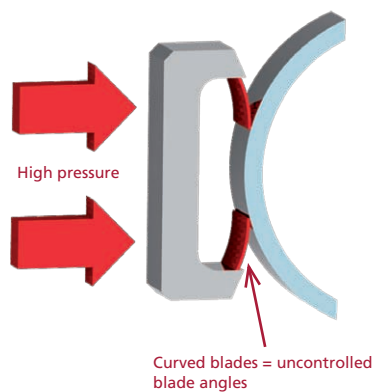
Each chamber profile is specially designed to give optimal blade angles within a specific screen roller interval, covering diameters from 103–410 mm.



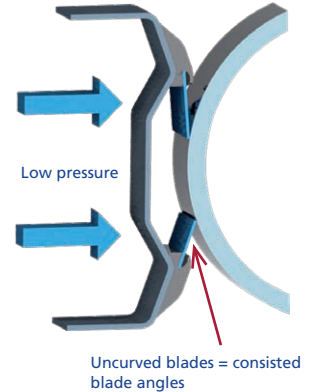
Longer blade life

Low pressure doctoring (kiss impression) is exclusive for all AkeBoose chamber systems. 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.



No need for special tools, compressed air or maintenance support for the blade clamps.

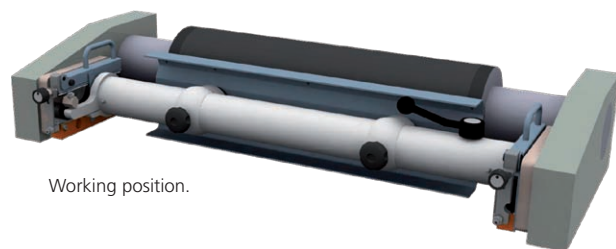
Rapid blade change

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.

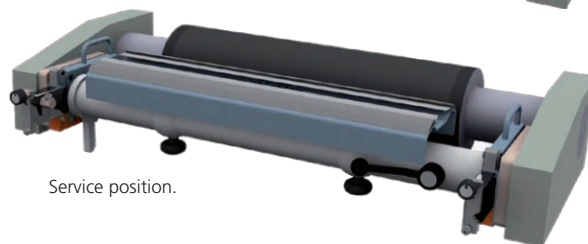
Easy cleaning

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.

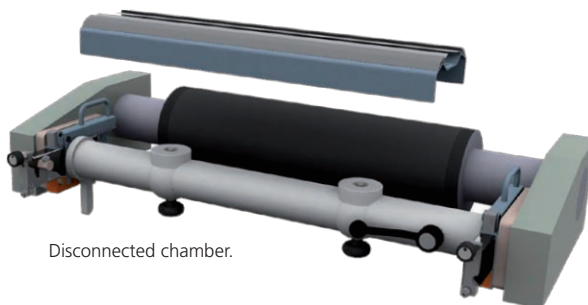
It only takes seconds to disconnect the chamber for cleaning and preparations off press.



Working position.



Service position.



Disconnected chamber.

Dedicated to Inking Perfection for all flexo and gravure applications.



stainless steel technology for all flexo applications!

NEW!
ALL
STAINLESS

Technical data, NOVA XLS Chamber System

Working width	200 – 4500 mm
Screen roller diameter	103 – 410 mm
Models/profiles	7
Application	All flexo
Ink types	Water, Solvent, UV
Ink flow	1 – 5 l/min
Detergent/ink	pH 2 – 14
Printing speed	~ 600 m/min
Material	Stainless steel, Aluminium*, EPDM, PE
Weight	6 kg/meter
Working blade, steel	25 x 0.152 mm
Sealing blade, steel	35 x 0.152 mm
WashUp System	Optional
Pump solutions	Optional
* All stainless steel	Optional

All NOVA chamber models are protected by various patents and protection of designs.



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