

K - LOX PROOFER

The simplest method of applying flexo inks and other fluid coatings onto any substrate to produce accurate and repeatable proofs that closely resemble conventional flexo printing. The K Lox Proofer is an essential tool for ink makers and printers alike. Ideal for quality control and presentation samples, R&D and computer colour matching data.

HAND K LOX ►



AUTOMATIC K LOX ▼

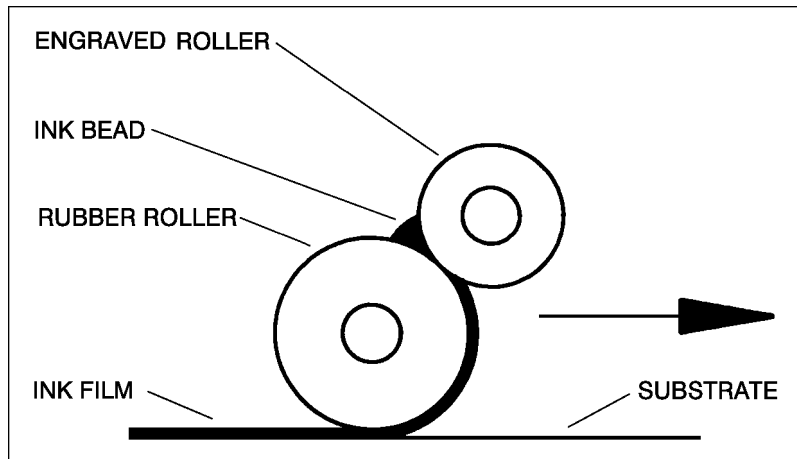


MAIN FEATURES

- Instant flexo proofs
- Easy to use – easy to clean
- Excellent repeatability
- Reduces press down-time
- Fully interchangeable rollers up to 500 screen
- Hand and automatic versions available

K LOX

A bead of ink is placed between an engraved anilox roller and a rubber roller as illustrated below. It is essential to have constant pressure between the rollers for consistent prints and this is ensured by two weights. When the K Lox is drawn smoothly over the substrate an accurate film of ink is printed producing a sample up to 4.5" (115mm) wide. After removing the weights, both rollers are easily cleaned. Anilox rollers with screens for solid, line and half-tone printing may be selected as required.



HAND K LOX

The Hand K Lox provides a cost-effective and simple means of proofing flexo inks. It is available as a single unit or may be ordered as a comprehensive system. The Hand K Lox system comes complete with 3 standard engraved anilox rollers, 2 rubber rollers and a cleaning/storage rack.

AUTOMATIC K LOX

With a little practice, the K Lox user is able to produce consistent results with the hand unit. However, where a number of operators may be involved or when the highest degree of repeatability is demanded (eg. when using the prints for computer colour matching), the Automatic K Lox is recommended. This machine eliminates any variation in speed and pressure and an accurate print is produced every time. The unit operates at variable speeds up to 15m/min. The Automatic K Lox is also available as a system.

An air driven version is available for use in hazardous areas.

STANDARD ROLLERS

Standard engraved Rollers

TYPE	SCREEN		CELL VOLUME	
	CELLS/LINEAR INCH	CELLS/LINEAR CM	CU.MM/SQ INCH	CU.CM/SQ M
400/5	400	160	2.8	4.3
200/12	200	80	6.6	10.2
180/14	180	70	10.7	16.6
140/10	140	55	13.0	20.2
100/18	100	40	25.2	39.1

Other screens and wire wound rollers can be manufactured to customer specification.

ACCESSORIES

Cleaning/storage rack for up to 6 rollers.

Wide shouldered rubber roller (for use on slippery substrates eg. polythene).

For more information contact...

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