

*Extreme Printing
Excellent Speed*

K-FLEX520

Full servo high performance flexo press

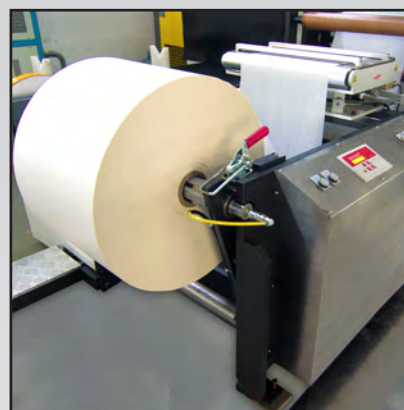
AKO
MACHINERY



PRODUCT DESCRIPTION

K-FLEX520 Flexo printing press is a kind of printing equipment which is developed by our company on the basis of absorbing foreign advanced technology experience and combining with our core technology. The press is for shipping label, adhesive material, film and other materials. The whole machine adopts three servo synchronization control, uses LED UV curing, high precision and low pollution.

This machine has advanced functions, simple operation, low production cost, and can be customized according to customer needs.



Unwind

Magnetic Power Close Loop Tension Control System (CLTS*), hydraulic lift system, easy to operation.



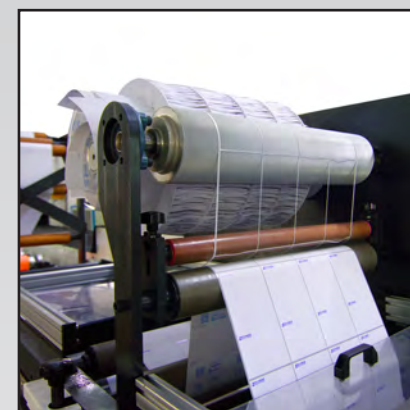
Intelligent synchronization

The imported motion controller and PLC realize synchronization, with high accuracy and good stability.



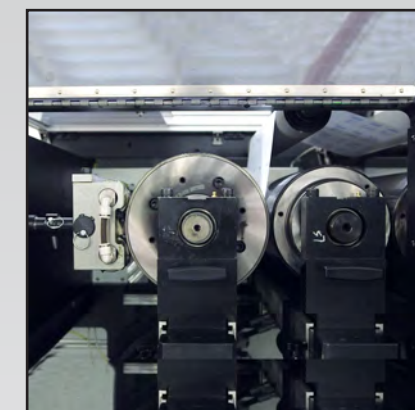
“X” printing structure

Ready to Print System (*RPS), “X” structure keep the printing pressure always the same, no pressure adjustment when changing the printing repeat.



Snowball waste rewind

This structure is easy to waste rewind and not easy to break. It has a good performance on waste rewind of irregular and very fine waste edges, reduces the waste of downtime caused by cutting waste edges and improves production efficiency.



Horizontal die-cutting module (dual-mode cutting unit)

The horizontal die cutting unit uses thickened wall panels. It has high stability, simple operation and low production cost.



Rewind & Folder

Easy to shift between rewinding without stopping and on-line folding.

Full servo high performance flexo press

MACHINE SPECIFICATIONS

- Using 15μm film and 300g paper for flexible conversion.
- Adopt the quick replacement sleeve roller and anilox roller.
- Close Loop Tension Control System (CLTS*)
- The pressure of the plate roller and anilox roller are controlled by the tri servo s-drive. The operation is simple and accurate.
- The automatic printing system with preset printing function is installed, non-wasting.
- Flexo printing, gravure, screen printing, offset printing, stamping and digital printing.



More Series of AKO Machinery :



TAPE/LINLESS PAPER
SLITTING&REWINDING
MACHINE



LABELING/TAPE
BIAXIAL EXCHANGE
SLITTING&REWINDING
MACHINE



K-FLEX 520

Full servo high
performance
flexo press

A wider range of applications

Machine Model
K-FLEX520/420/330

Maximum printing width	520/420/330mm	Motorization	Servo motor
Printing Repeat	203~610mm	Lubrication	Automatic
Repeat die cutting	203~610mm	Air-pressure	100PSI (7BAR)
Gearing	1/8”(3.175mm)	Material	Film, paper, label material 、 cardboard
Maximum mechanical speed	200m/min	Thickness	From 15 microns film to 300 gsm cardboard



AKO Network



AKO WeChat

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