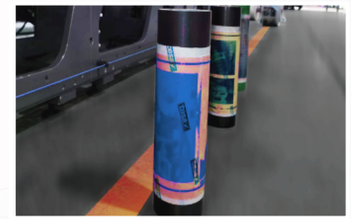
VINFLEX ULTIMA-370/450/530/660

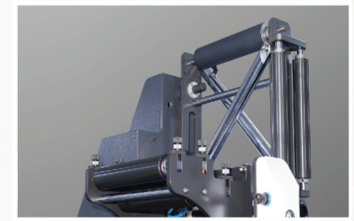
VINSAK Group

Introduction

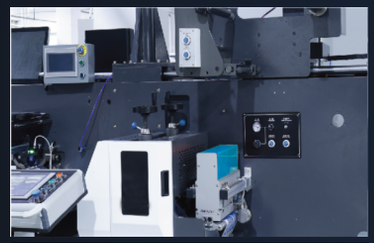
- The machine adopts the latest servo control and operation system; each unit is driven by a double servo motor. The machine is entirely controlled by a servo. For each machine, there are 37 servo drivers, 12-color, 3 die cutting stations, and a conveying platform, ensuring high precision and stability during the machine runs at high speed.
- Printing roller adopts air support shaft sleeves, stick sleeves, or carving sleeve control by servo (without gear), easy, convenient, and fast to change the sleeves. The printing cylinder without a gear which improved the printing quality and reduced the maintenance.
- Printing and ink transfer pressure adjustment: the printing roller adopts a rolling pillow, and only needs to fine-tune the corresponding cylinder the need for big adjustments. Some special printing requirements also only need a little fine-tuning, and the printing efficiency has greatly improved.
- Anvil roller equipped with a water chiller ensures not affected by UV curing temperature when printing film material.
- Unwinding unit equips with corona, dust, and static electricity system, ensures the stability before printing.
- The printing process is equipped with a high-precision web guide and video monitoring equipment, providing higher assurance for label printing.



Printing Sleeve

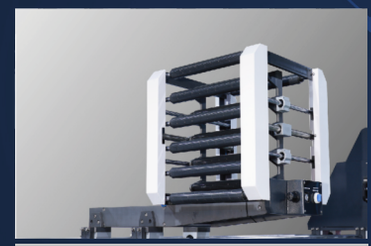


Turn bar



Die Cutting/Matrix Removal

Unwinding / Web Guiding



Delam-Relam

HMI

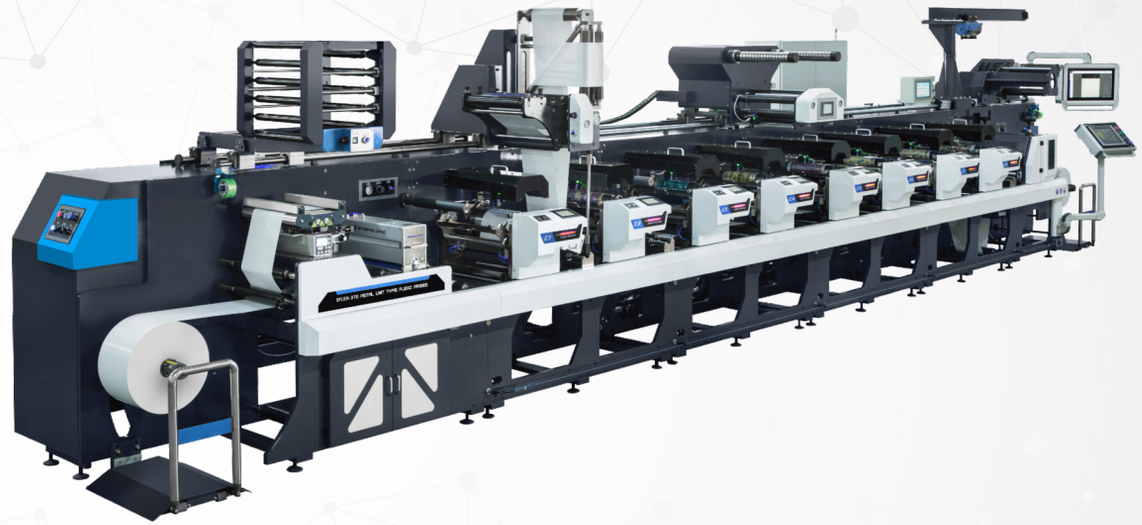
Printing Unit

Positioning cold foil

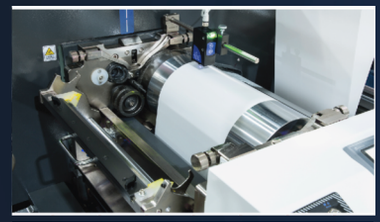
Model	VINFLEX ULTIMA 370	VINFLEX ULTIMA 450
Max. mechanical speed	200m/min	200m/min
Max. Printing width	350mm	450mm
Max. web width	370mm	460mm
Max. unwind diameter	1050mm	1050mm
Max. waste diameter	900mm	900mm
Max. repeat length	241-610mm (76T-192T)	241-610mm (76T-192T)
Loading method	Sleeve	Sleeve
Horizontal overprint adjustment	Motor-driven	Motor-driven
Vertical overprint control	Servo-driven	Servo-driven
Color Pre-register	Semi Automatic	Semi Automatic
Power supply	380V/AC ±l0%	380V/AC ±l0%
Fast-changing ink system	Ink swift Change	Ink swift Change
Hot air drying	Optional	Optional
Cold foil (movable)	Optional	Optional
Turn bar (movable]	Standard	Optional
Over all dimensions (LxWxH)	11mX1.5mX2.5m	11mX1.5mX2.5m

VINFLEX AVANZA-370/450/530

Each unit of the flexographic label printing machine is equipped with an independent servo motor. The electronic control allows for horizontal and vertical registration adjustment, which can be operated independently at each printing unit as well as from the main control panel, providing great convenience and efficiency. The ink distribution system has been optimized and the operating system simplified. This machine is suitable for printing large, medium, and small batches of label products, making it the optimal choice for high-end label production companies.

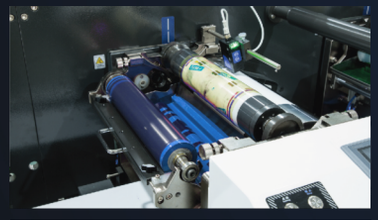


Duo Servo Control



Chilling Roller

Quick change blade



Printing unit

HMI

Printing Cylinder

Model	VINFLEX AVANZA 370	VINFLEX AVANZA 450
Max. mechanical speed	200m/min	200m/min
Max. printing width	350mm	450mm
Max. web width	370mm	460mm
Max. unwind diameter	1050mm	1050mm
Max. waste diameter	900mm	900mm
Max. repeat length	178-610mm (56T-192T)	178-610mm (56T-192T)
Loading method	Flower	Flower
Horizontal overprint adjustment	Motor-driven	Motor-driven
Vertical overprint control	Servo-driven	Servo-driven
Color Pre-register	Semi Automatic	Semi Automatic
Power supply	380V/AC ±l0%	380V/AC ±l0%
Fast-changing ink system	Ink swift Change	Ink swift Change
Hot air drying	Optional	Optional
Cold foil (movable)	Optional	Optional
Turn bar (movable]	Standard	Optional
Over all dimensions (LxWxH)	11mX1.5mX2.5m	11mX1.5mX2.5m

VINFLEX PRIMA-370/450/530

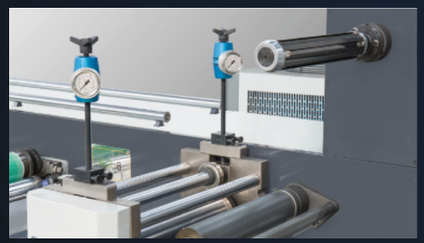
VINSAK Group

Introduction

- The machine adopts the latest servo control and operation system; each unit is driven by a double servo motor. The machine adopts totally 14 servo motors for an 8-color machine with 2 die-cutting stations, which ensures accurate registration during high-speed running.
- The printing cylinder adopts pillow installation, material of aluminum alloy, high-precision helical gear transmission, and simple and easy operation.
- Printing and ink transfer pressure adjustment: the printing roller adopts a rolling pillow, and only needs to fine-tune the corresponding support frame on both sides. When changing new printing cylinder no need big adjustment; some special printing requirements also only need a little fine-tuning, and the printing efficiency is greatly improved.
- Anvil roller equips with a water chiller, ensures not affected by UV curing temperature when printing film material.
- Unwinding unit equips with corona, dust, and static electricity system, ensures the stability before printing.
- The printing process is equipped with a high-precision web-guiding system and a video inspecting system to provide higher protection when label printing.
- Machine Option with LED-UV, energy conservation, and environmental protection.
- Double material road design.
- The printing unit is an intercalation design, can be interchanged with an offset unit.

Flexo Unit

Un-winder Unit



Die Cutting Unit

Re-winder Unit

Model	VINFLEX PRIMA` 370	VINFLEX PRIMA 450	VINFLEX PRIMA 530
Max. mechanical speed	150m/min	150m/min	150m/min
Max. printing width	340mm	420mm	420mm
Max. web width	350mm	430mm	430mm
Max. unwind diameter	1050mm	1050mm	1050mm
Max. waste diameter	900mm	900mm	900mm
Max. repeat length	254-609.6mm (80T-192T)	254-609.6mm (80T-192T)	254-609.6mm (80T-192T)
Loading method	Flower	Flower	Flower
Horizontal overprint adjustment	Motor-driven	Motor-driven	Motor-driven
Vertical overprint control	Servo-driven	Servo-driven	Servo-driven
Color Pre-register	emi Automatic	Semi Automatic	Semi Automatic
Power supply	380V/AC ±l0%	380V/AC ±l0%	380V/AC ±l0%
Fast-changing ink system	Ink swift Change	Ink swift Change	Ink swift Change
Hot air drying	Optional	Optional	Optional
Cold foil (movable)	Optional	Optional	Optional
Turn bar (movable]	Standard	Standard	Standard
Over all dimensions (LxWxH)	11mX1.6mX2.5m	11mX1.68mX2.5m	11mX1.82mX2.5m