

Ultraflex

The UV-LED Press
CI Gearless Flexo



UV

KYMC

Ultraflex

Ultra Quality, Ultra Flexibility, Ultra Eco Friendliness

Ultraflex is a full UV-LED press. This press is for printers looking for a full UV-LED application with high print quality and low waste

Ultraflex-H is a UV-LED and “solvent / water based” hybrid. The Ultraflex-H is for printers looking for maximum flexibility. The Ultraflex-H enables you to take advantage of the UV-LED application but at the same time fall back to the solvent based or water-based print stations when needed

Specifications

Ultraflex / Ultraflex-H (Full UV-LED / Hybrid)

Number of Colors	6 / 8	
Max Machine Speed	m/min	350
	ft/min	1148
Material Width	mm	870 / 1370
	inch	34.3 / 53.9
Printing Sleeve Width	mm	800 / 1300
	inch	31.5 / 51.2
Roll Diameter	mm	800 / 1000 (Option)
	inch	31.5 / 39.4 (Option)
Repeat Length	mm	360 - 800
	inch	14.2 - 31.5





Operation Comfort

- Touch screen interface
- User friendly layout screen control
- Fully digitalized controls for precise print settings
- Easy access to printing stations

Print Quality

- Heavy duty designed machine frames
- Servo motor control guarantee excellent print registration holding
- Web viewing system
- Automated registration control
- Micrometric kiss impression control to one micron

Ultraflex

Quick job Change

- Touch screen interface
- User friendly layout screen control
- Fully digitalized controls for precise print settings
- Easy access to printing stations

Remote Service Assistance

- 24/7 machine online diagnostic system
- Exclusive PLC Network Connection Technology to achieve deep online diagnose and prompt remote-maintenance.



KYMC

Industrial 4.0

- OPC UA Data Exchange Protocol for communication between devices, machines and enterprise systems
- (ERP, SCADA, CRM...etc)
- Remote HMI monitoring via mobile devices

Safety

- Compliant with Conformité Européene or Australian Standard
- Certification service available with CSA, NEC and IEC

Energy Efficient

- UV-LED curing technology for high energy efficiency



Application

UV-LED application has its advantage when it comes to temperature sensitive substrates such as PET-shrink films. The characteristic of a UV-LED print is high opacity with protruding effect and has good resistance properties.

- **Paper**

Food packaging, Medical packaging, Pre-print for paper box, Bags, Paper cup, Liquid & beverage, Household cleaning, Cosmetics, Gift wraps, Wallpaper

- **Film**

Food packaging, Medical packaging, Industrial packaging, Sanitary Packaging, Bags, Liquid & beverage, Household cleaning, Cosmetics, Confectionary wrappers

- **Aluminum**

Food packaging, Medical packaging, Industrial packaging



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