PHOENIX

The Smartest Mainstream CI Press

KYMC

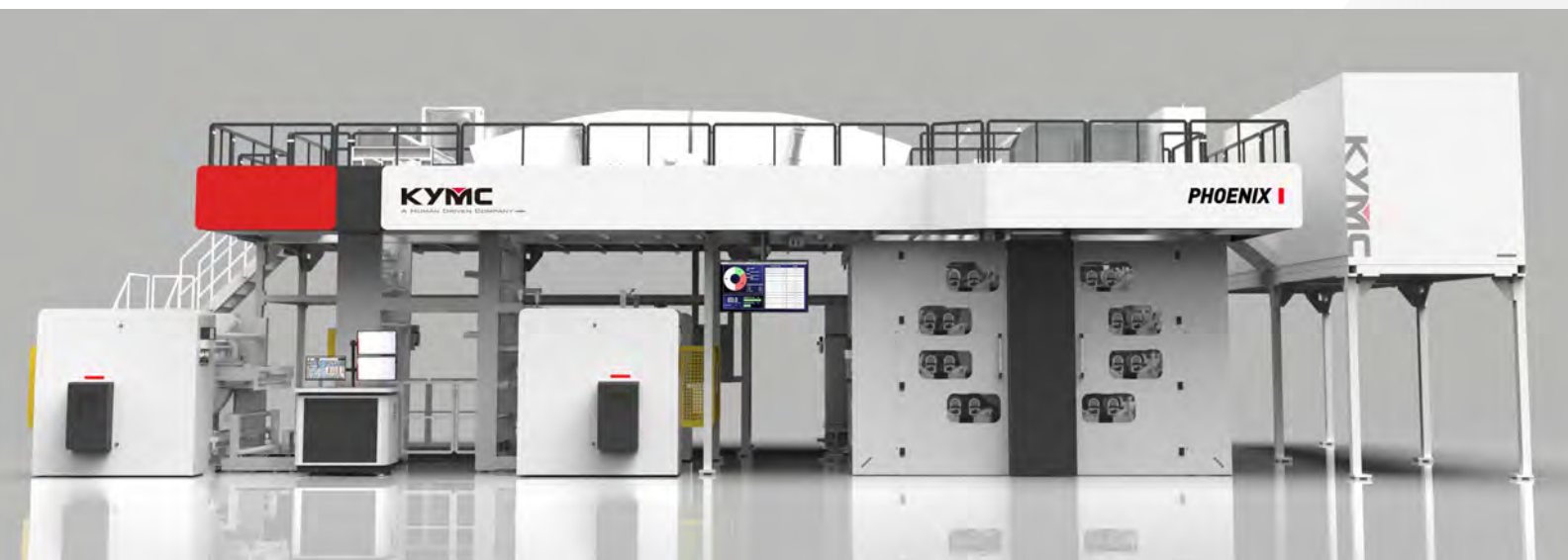# A main production CI press with Smart System

The compact class in flexo printing. The compact press is built for easy operation, affordability and is highly automated. Phoenix flexo compact press aims to help you remain competitive, given the market trends towards shorter runs and smaller packaging sizes. If you're looking for a main production CI press with smart system, this would be your best investment choice in the competitive market.

Specifications		PHOENIX
Number of Colors		6 / 8
Max Machine Speed	m/min	400
	ft/min	1312
Material Width	mm	870 / 1070 / 1270 / 1370
	inch	34.3 / 42.1 / 50 / 53.9
Printing Sleeve Width	mm	800 / 1000 / 1200 / 1300
	inch	31.5 / 39.4 / 47.2 / 51.2
Roll Diameter	mm	800 / 1000 (Option)
	inch	31.5 / 39.4 (Option)
Repeat Length	mm	360 – 800
	inch	14.2 – 31.5

Standard Specification

- Non-stop turret type unwind and rewind
- 4m drying tunnel
- Print and Anilox sleeve
- Auto wash system
- Auto registration system
- Infeed web guide
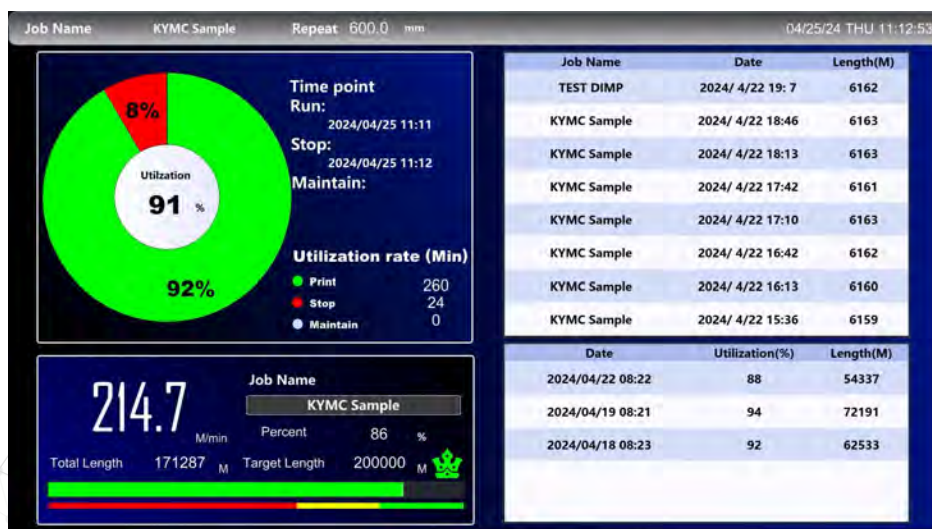
Operation Comfort

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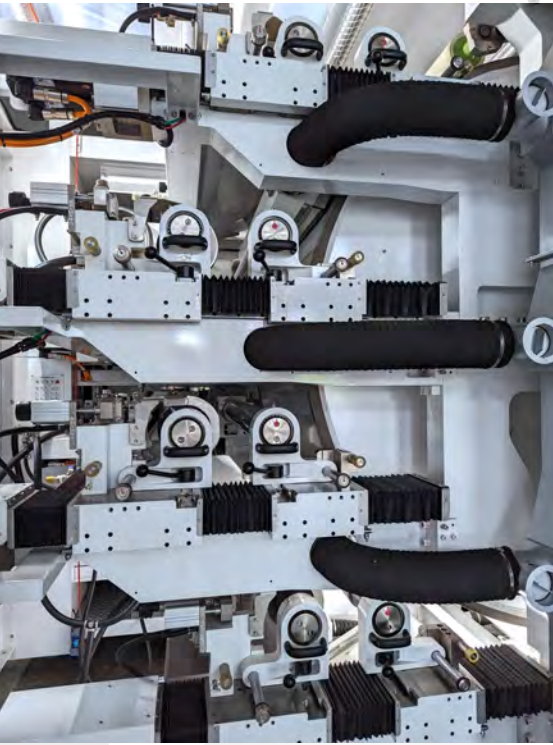- Easy access to printing stations

Remote Service Assistance

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

KYMC

🔴 Smart Production Monitoring System

- **Digital kanban system for quick monitoring on production status including job information, printing setup, ink management, and auto splicing**

- **Easier for operators and executives to supervise multiple priting line**

- **Production analysis records on machine OEE utilization rate, daily output etc, able to export production data in a form of report**

- **Live view during auto splicing and auto wash, with ink supply control, such as viscosity and temperature.**

- **Industrial standard tablet computer for wireless control. A more flexible, and efficient way of operating.**

Quick job Change

- Anilox and plate sleeve design
- Auto pre-register control
- Auto quick wash and auto viscosity control for ink management
- Job memory for repeat tasks

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

KYMC

PHOENIX

Industrial I4.0

- 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

❚ Application

- **Paper**
  Food packaging, Medical packaging, Pre-print for paper box, Bags, Paper cup, Liquid & beverage, Household cleaning, Cosmetics, Gift wraps, Wallpaper
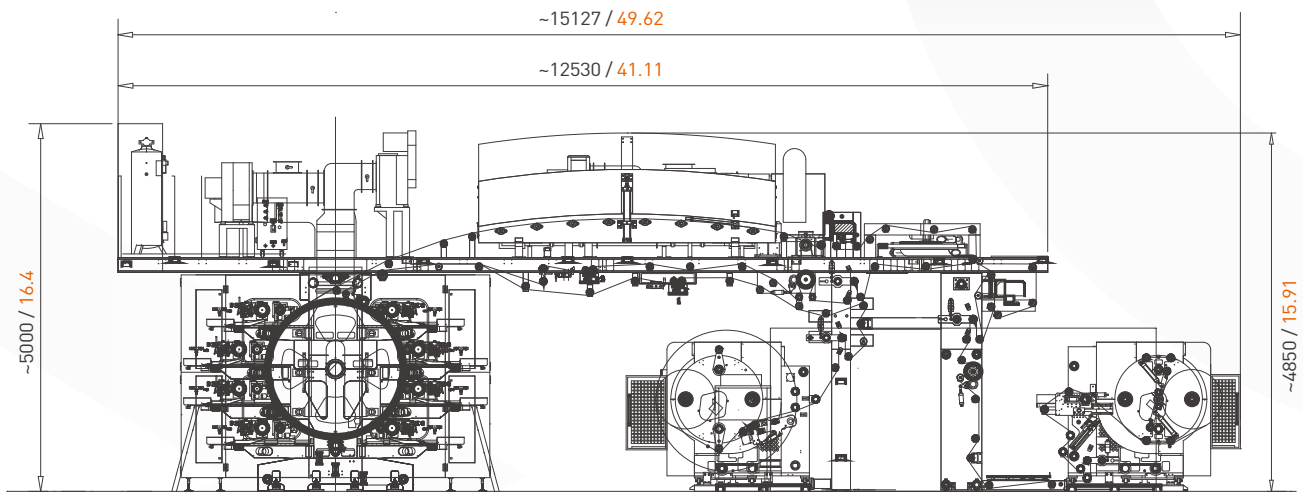
- **Film**
  Food packaging, Medical packaging, Industrial packaging, Sanitary Pack-aging, Bags, Liquid & beverage, Household cleaning, Cosmetics, Confec-tionary wrappers

- **Aluminum**
  Food packaging, Medical packaging, Industrial packaging

KYMC

▎TECHNICAL DRAWING

EIGHT - COLOR PRINTING PRESS

~15127 / 49.62

~12530 / 41.11

~5000 / 16.4

~4850 / 15.91

UNIT: mm / ft

KYMC

KUEN YUH MACHINERY
ENGINEERING, CO., LTD.

No.8, Jingke Rd., Nantun Dist., Taichung 408, Taiwan
Tel: +886-4-2359-3830 . 2359-3836 . 2359-38663
Fax: +886-4-2359-3970 . 2350-1242
https://kymc.com
Email: info@kymc.com

CE

DNV·GL
QUALITY SYSTEM CERTIFICATION
ISO 9001