

EB Web Offset Press for Flexible Packaging

Rotary

Semi-rotary

MHL-EB / MLP-EB

Linear EB offset printing press that delivers major advantages :

- High economic efficiency for short-to-middle runs
- Superior environmental performance through the use of solvent-free inks
- Ease of operation and maintenance



Solvent-free
Inks



Reduction of
CO2 Emissions



Wide Range of
Applications



Pre-laminated
Surface Print



Ease of
Operation

Supporting the sustainable development of Flexible Packaging Printing

Clean and smooth production environment is a win-win answer
for brandowners and converters alike and leads the industry to a long-term business growth.

MHL-EB/MLP-EB main specs

	MHL-EBseries				MLP-EBseries
	MHL18-EB	MHL20-EB	MHL30-EB	MHL40-EB	MLP18-EB
film transport	rotary				semi-rotary
max print width	450mm	508mm	750mm	1000mm	450mm
repeat range	380mm□610mm(sleeve change)				215mm□406mm
max speed	100m/min	85m/min*	200m/min	200m/min	200rpm
stand. config.	Unwinder + 5 offset printing units + Flexo unit +EB curing unit +Rewinder				
EB curing	Iwasaki EC110/45/40mA	Iwasaki EC110/51/40mA	ESI EZ Cure-LP LS EZ 95/105/300		Iwasaki EC110/45/40mA
length incl. EB	approx 11.7m	approx 11.7m	approx 16.4m	approx 16.4m	approx 11.4m

*Max printing speed : 100m/min for film width 450mm or less

• The machine may be customized to meet your requirements.

main features

1

Clean and odorless work environment

EB offset inks are solvent-free and helps improve the working environment in the press room.

2

Reduction of CO₂ emissions

The adoption of the EB curing system reduces CO₂ emissions compared to conventional solvent-based ink drying systems.

3

Wide range of applications

Thanks to high resistance of EB inks and varnishes in heat, scratch and alcohol, it is suitable for surface print applications.

4

High production efficiency

Offset Printing leverages flexible packaging printing by low-cost plate making, production cycle, energy-efficiency, and print quality.

5

Linear press for operation and maintenance

With all the press components located in eye-level, the linear structure suits daily operation and maintenance on the ground level.

yaless AI is an intelligent, reliable partner empowering your offset press operation

The "yaless" (optional) helps achieve consistency of quality in the offset printing which is known to be susceptible to intricate changes in the press room. The yaless system assists inexperienced operators to achieve stable, high-quality operation.



Main Features of yaless system

yaless AI

- Optimizes print conditions
- Stabilizes print quality
- Reduces material waste

yaless-Eye

- Voice-based operation assistance
- Initial setup and alignment assistance
- Training and troubleshooting assistance



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Please refer to the QR code for more information about MHL-EB & MLP-EB
<https://miyakoshi.co.jp/english/>



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•machine may change without notice.