

FlexoPol

FLEXOGRAPHIC CLICHÉ MAKING MACHINE

The Flexopol is a compact and reliable system designed for the in-house production of flexographic printing clichés from water-washable photopolymer plates. It enables companies to produce their own printing plates quickly and efficiently, ensuring full control over quality, production timing and operational flexibility.

By integrating exposure, washout and drying into a single compact unit, Flexopol simplifies the entire cliché production process, reducing dependency on external suppliers and significantly improving responsiveness to production needs.



KEY BENEFITS

FAST PRODUCTION

Complete cliché production cycle in approximately 30 minutes

EASY TO USE

Digital control panel for precise and repeatable process management

PRECISE DEFINITION

Vacuum UV exposure with diffusion foil for accurate plate definition. Forced air cooling lamps for process stability

UNIFORM PLATE CLEANING FOR CONSISTENT CLICHÉ QUALITY

Washout tank with water and adjustable flat brushes

CONTROLLED DRYING FOR STABLE AND REPEATABLE RESULTS

Twin drawer drying system with temperature control (0–90°C)

FEATURE	DESCRIPTION
Plate type	Photopolymer water-washable
Max sheet size	350 x 500 mm
Plate thickness	1.5 – 1.7 mm
Process time	~30 minutes
Exposure	UV with vacuum and diffusion foil
Washout system	Water tank with adjustable
Drying system	Twin drawers (0–90°C)
Power supply	220 V – 1 Phase



WHY CHOOSE FLEXOPOL

Flexopol allows you to bring cliché production fully in-house, reducing lead times and outsourcing costs while ensuring consistent and repeatable print quality. It also improves flexibility for short runs and urgent jobs, giving you full control over the entire printing process and better coordination between plate production and printing.

