



NEWLONG SCREEN PRINTER



LS-500NC

LARGE SCALE HIGH-SPEED SCREEN PRINTER

ITOCHU **TEXMAC Inc.**

LARGE SCALE HIGH-SPEED SCREEN PRINTER

LS-500NC

MAIN FEATURES

- A Roll-to-Roll system suitable for larger substrate.
- Suitable for manufacturing of FPC, Touch Panels, IC-Tags, IC-Cards, organic thin-film PV etc.
- Selectable Squeegee Stroke Direction: Web flow direction or web width direction
- Equipped with high-precision features to achieve accuracy of $\pm 10\mu$ or better. (CCD, EPC and Position Feedback)
- High repeatability achieved by inter-frame vertical movement only.
- Splice station on Unwinder.
- Interleaf roll on payout and rewind

HIGH-SPEED Roll to Roll Screen Printing

Specification

Machine Size (mm)	1780(W) x 1710(D) x 1445(H)
Printing Area (mm)	610 x 610
Screen Frame Size (mm)	950~1100 x 1200mm
Squeegee Stroke	900mm
Substrate Web Width (mm)	250~500mm
Repeatability	Within $\pm 10\mu\text{m}$
Clearance	Z-Axis 20mm
Flow direction	Left to right facing the machine
Transfer	Suction roller
Oven	Convection
Utility	AC 200V 3-Phase 1kVa

HIGH-PRECISION & HIGH-SPEED

LS-500NC is equipped with CCD Camera and image-processing system as well as Position Feedback System for accurate alignment.



HIGH PRODUCTIVITY

With fast TAKT (10 sec) and features to prevent substrate damage such as off-contact mechanism, air-shaft support, and specially designed transfer system, LS-500NC increases plant productivity.

Manufactured by NEWLONG



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