

PREDATOR[®] LPC



Belt Printing System



FEATURES

- 4-10 colors
- Maximum image area
97 x 228 cm (38" x 90")
- Maximum belt width 254 cm (100")

Predator LPC is a uniquely versatile high-volume printing system that delivers exceptional results on cut-piece goods. It also excels on finished goods like flags, banners, and towels. Predator's specialty is the edge-to-edge and all-over printing typically done using water-based inks. Predator LPC is available in 4, 6, 8, and 10-color models, with maximum image areas up to 97 x 228 cm (38" x 90"). All models feature servo-driven indexers, electric printheads, and multiple print-stroke capability.

Pneumatic clamps hold frames tight and allow rapid screen loading. Standard features like independent squeegee & floodbar speed adjustments, adjustable rear screen holders, independently-set angle and calibrated pressure adjustments, and independent print, reset,

and print/flood speed controls on each printhead further simplify setup. Other standard features include a user-friendly control panel with digital keypad, onboard self-diagnostics, real-time production data, and an independent print start/print finish setting automatically activates and stops printheads at the beginning and end of production runs. The system employs synchronized take-off belts to peel the goods off the printing belt and deposit them onto a removal conveyor.

All equipment from The M&R Companies is built with M&R's unsurpassed attention to detail and commitment to quality, durability, innovation, and design excellence, and is backed by M&R's unparalleled 24-hour access to service, support, and premium parts. It's no wonder M&R is the first name in screen printing equipment.

www.mrprint.com

USA: 800-736-6431 • Outside USA: +847-967-4461

PREDATOR® LPC

STANDARD FEATURES

All-Over Printing

- Allows complete coverage of substrates

Belt Transport System

- Allows printing of roll-to-roll, cut-piece, and finished goods
- Kevlar-reinforced belt
- Stainless steel wash and filtration system
- Vacuum system holds the belt securely in place during printing to ensure precise registration
- Wide belt allows multiple pieces to be printed simultaneously

Certification

- CE & UL compliant: Built to specifications established by the European Committee for Standardization® (CE) and Underwriters Laboratories® (UL)

Control Center

- Independent print-start/print-finish setting automatically activates and stops printheads at the beginning and end of production runs
- Multiple (1-9) print stroke capability
- Onboard self-diagnostics
- Press can index in either direction so that during proofing the operator can alter the order of screen/color application on test prints without having to tear down and set up for each variation
- Real-time production data
- User-friendly control panel with digital keypad

Fabric Handling

- Towel Mode allows installation of two squeegees on each head

Index System

- Home function on servo drives automatically repositions belt
- Servo drive is standard
- Servo drives combine higher press speeds with exceptional smoothness, consistency, and longevity

Ink dip system

- Retrieval system keeps ink in the print area (U.S. Patent No. 5,649,479)

Printheads

- Four-point off-contact adjustment
- Independent print button on each printhead
- Independent print/flood speed controls on each printhead simplify press setup
- Independent reset button on each printhead
- Screen peel system with rigid master frame is fully adjustable for consistently sharp prints and minimal ink buildup

Printheads (Electric Drive)

- Variable-speed motors deliver smooth print strokes and exceptional control

Registration

- Enhanced front micro-registration adjustments with visual guides

Screen Clamps & Holders

- Adjustable rear screen holders accommodate a wide variety of screen sizes
- High-Lift mode on front screen holder makes setup fast and mid-run screen changes easy
- Pneumatic clamps hold frames tight and allow rapid screen loading

Squeegee/Floodbar

- Angle and calibrated pressure adjustments are independently set
- Digital squeegee/floodbar speed display
- Front or rear print carriage stop position allows operator to leave screens clear or flooded (great for water-based inks)
- Independent squeegee & floodbar speed adjustments
- Pneumatic squeegee/floodbar locks with tool-free angle adjustment
- Squeegee air regulator with a pressure gauge on each printhead
- Park position allows easier squeegee/floodbar installation and removal

Stroke Length Adjustment

- Calibrated front & rear stroke length with tool-free adjustment maximizes print speed

Warranty, Service and Support

- 24-hour hotline is staffed 365 days a year
- Access to M&R's Training Center
- Two-year limited warranty

OPTIONS

Fabric Handling

- Stripper garment removal system

Laser Alignment System

- Laser light 4-point garment placement system

SPECIFICATIONS

	Predator LPC 60	Predator LPC 72	Predator LPC 84
Air @ 6.9 bar (100 psi) ³	198-510 l/min (7-18 cfm)	198-510 l/min (7-18 cfm)	198-510 l/min (7-18 cfm)
Belt Width	193 cm (76")	224 cm (88")	254 cm (100")
Electrical Requirements ^{1, 2}	208/230 V, 3 ph, 54-72 A, 60 Hz, 9.6-13 kW	208/230 V, 3 ph, 54-72 A, 60 Hz, 9.6-13 kW	208/230 V, 3 ph, 54-72 A, 60 Hz, 9.6-13 kW
Maximum Fabric Width	163 cm (64")	193 cm (76")	224 cm (88")
Maximum Frame Size	124 X 213 X 5.7 cm (49" X 84" X 2.25")	124 X 244 X 5.7 cm (49" X 96" X 2.25")	124 X 274 X 5.7 cm (49" X 108" X 2.25")
Maximum Image Area	97 x 168 cm (38" x 66")	97 x 198 cm (38" x 78")	97 x 228 cm (38" x 90")
Repeat Index (cut piece)	128 cm (50.5")	128 cm (50.5")	128 cm (50.5")
Water Supply & Drain	Required	Required	Required

¹ If incoming voltage differs from the voltage(s) listed in this brochure, calculate amperage accordingly. Other electrical configurations are available: Contact The M&R Companies for details.

² 4-color = 54 A / 9.6 kW 6-color = 60 A / 10.8 kW, 8-color = 66 A / 11.9 kW, 10-color = 72 A / 13 kW

³ 4-color = 198 l/min (7 cfm), 6-color = 311 l/min (11 cfm), 8-color = 396 l/min (14 cfm), 10-color = 510 l/min (18 cfm)

THIS PRODUCT IS BROUGHT TO YOU BY

NAZDAR
SOURCEONE

VISIT US ONLINE
SourceOne.Nazdar.com

CALL US
888-578-5713

© 2022 Nazdar. All Rights Reserved.
Specifications subject to change without notice.