Printer Applicator Machine (PAM) 3600 Series

PAM 3600

Order Reference	Description
PAM 3630 PTR	300 dots per inch Thermal Transfer Printer
PAM 3660 PTR	600 dots per inch Thermal Transfer Printer
PAM 3602-220 APP	PAM 3602-220 Applicator - 220 mm stroke
PAM 3602-300 APP	PAM 3602-300 Applicator - 300 mm stroke
PAM 3603-220 APP	PAM 3603-220 Applicator - 220 mm stroke

Specifications
PAM 3600

Print resolution	300 dots per inch / 600 dots per inch
Standard memory	16 MB
Maximum memory card	4 MB FLASH
Maximum print width	105.60 mm
Minimum label width	5.00 mm
Maximum label width	115.00 mm
Minimum label height	3.18 mm
Maximum label height	60.00 mm
Labels/day	In excess of 7 000
Hours/operation	24 hours/7days a week
Print speeds	66.00 mm to 200.00 mm per second, 30 -15 mm/sec
Applicator rotation	0° or 90° or 180°
Application cycle time	2.5 - 5.0 seconds, 2.0 - 2.5 seconds
Placement accuracy	+/- 0.30 mm

Printhead	Thin film technology
Maximum label roll diameter	outside up to 200.00 mm
Fonts, barcodes	
Max character size	128.00 mm scalable
Label Core diameter	76.00 mm
Applicator.tamp stroke below print mech.	84.00/164.00 mm

Communication Interfaces

- Parallel Centronics Bi-directional acc. to IEEE
- Serial RS 232C, 1.200 up to 230.400 baud/8 bit
- Peripheral Connection
- USB Master for Keyboard and Scanner
- Sensor end of labels and ribbon
- Pre-warning label end
- Indicator Light
- Digital I/O interface

Physical

- Height: 390.00 mm
- Width: 420.00 mm
- Depth: 277.00 mm
- Weight: 18 Kg

Electronic/Pneumatic

- Operational Voltage: 115V - 60Hz or 203V - 50Hz
- Air Pressure: 58-87 psi (4-6 bar)

The use of real-time, high performance equipment to label your products in your production environment enables quick traceability, resulting in a significant cost reduction for recalled products. The new compact Brady Print and Apply Machine PAM 3600 offers a variety of possibilities to improve traceability processes.

The PAM 3600 has been designed with Brady's unique patented dispenser system for precision print, picking and applying at the same time. The high performance shuttle dispense system does not require airflow to support the label prior to application. Thus this innovative standard Print and Apply system for automatic labelling enables the use of even the smallest labels in Brady's material range and provides extremely high position accuracy. Tier 1 automotive suppliers have reported up to 70% labour cost savings and an increase in production effiency combined with an increase of quality. PAM 3600 offers precision, versatility and high print quality for a minimal investment. A truly unique system in a class
of its own.

New improved features will provide the following benefits in your applications:

- 300 and 600 dpi printing capability adds more flexibility to changing labelling needs
- 50% reduction in Print and Apply cycle time – supports reduction of production time and costs
- Metal guides will considerably lower label waste and costs by reducing print drift
- Applicator with tamp and additional blow function for ultra-thin or ceramic substrates
- Improved PLC* pinout to control single Print and Apply steps enables ultra-quick failure diagnostics

* Programmable Logic Controller

Features include:

- Zero queue Print and Apply to follow real time processing and tracking
- Multi-tasking capability allows printing and labelling at the same time
- Best print quality and dispensability with Brady tailored label materials for Auto Apply
- Prints and applies a range of labels sized from 3.18 mm to 60 mm height, and 5 mm to 115 mm width
- A scanner interface for a bar code reader to verify each label real time and induce reprint
- Misprinted labels can immediately be reprinted (up to 3 times) and applied – saving both money and time
- Manual or automatic feeding by adding a foot-switch or interfacing to a PLC* to control the Print and Apply cycle
- 1 axis placement and rotation 90° or 180° with standard applicator
- Multi-position when conveyor adapted
- Very high placement accuracy +/– 0.3 mm
- Manufacturing efficient, readable, micro bar codes