

PowerSmart

UV POWER SUPPLY SYSTEM



- Completely stepless power supply
- Energy efficient
- Extremely small footprint
- Expandable

UVT PowerSmart is a completely stepless power supply, designed to minimize energy usage and floorspace requirements while maximizing printing speeds and curing capabilities. With a convenient, modular design, and a variety of maintenance-friendly features, UVT PowerSmart ensures the highest uptime of any UV curing system available.

Capable of being fully integrated into the press, UVT PowerSmart offers a self-diagnostic feature not available with other UV power supplies. System issues are identified and reported via an on-system OIT, allowing for quick diagnosis and resolution.

As the only UV system manufacturer with an aftermarket program, UVT products are supported throughout the life of the system, with replacement parts, inventory management, and technical support just a phone call away, 24/7.



Same small footprint requirement for 2-lamp cabinet (left) as for 6-lamp cabinet (right)

COMPACT DESIGN

Whether the requirement is a 2-lamp or an 8-lamp system, PowerSmart maintains the same reduced footprint size.

SELF-DIAGNOSTICS

Should issues arise, operators are notified via PowerSmart's intuitive control system, providing information and guidance on resolution.

REDUCED DOWNTIME

Ballasts are easily accessible within the power cabinet, resulting in convenient and expedient replacement of parts as required.

CASSETTE SYSTEMS

Compatible with Maxim and Maxim Cool Cure

EFFORTLESS UPKEEP

Self diagnostics and quick accessibility to components require less technician visits and allow personnel to proactively address potential issues.

INCREASED CURE SPEEDS

More absolute power delivered to web resulting in faster run speeds.

EFFICIENT POWER CONSUMPTION

Less power required to achieve necessary lamp output, resulting in energy savings for the converter.

STEPLESS POWER SUPPLY

Intuitive design allocates appropriate power level specific to the web speed, eliminating wasted energy to the web.

FULL INTEGRATION

Capable of being fully integrated into most Comco and Mark Andy presses, PowerSmart is a seamless system with added benefits including remote diagnostics and job save and recall functions.

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Stepless power supply

15 kW capacity

High frequency lamp output

Available Systems

- 50 Hz, 200/230/380/400/415
- 60 Hz, 208/240/380/480/575

Control Features

- Full color, high resolution OIT
- Self-diagnostics
- Monitors and maintains lamp power
- Voltage and Amperage readout for each lamp
- Exhaust damper control with system blower to maintain lamp temperature
- Automatic safety interlocks
- Lamp hour meters
- Remote diagnostics capability
- CE compliant
- Open access cabinet
- Easily expandable
- Compatible with all UVT Maxim lamp housings
- Multiple press speed interface options: Analog signal, Speed wheel, or Ethernet connection
- Full integration into many Mark Andy and Comco press lines

Cabinet Dimensions

One and two lamp cabinet

- Height
37 in (940 mm)
- Width
36 in (915 mm)
- Depth
20 in (510 mm)

Up to six lamp cabinet

- Height
65 in (1650 mm)
- Width
36 in (915 mm)
- Depth
20 in (510 mm)

Eight lamp cabinet

- Height
84 in (2130 mm)
- Width
36 in (915 mm)
- Depth
20 in (510 mm)



Main Control Screen



Latest technology ballast design

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