

SUPPLY  
SERVICE &  
MAINTENANCE  
OF UV CURING  
EQUIPMENT

UV MAINTENANCE LTD

WWW.UVMMAINTENANCE.CO.UK

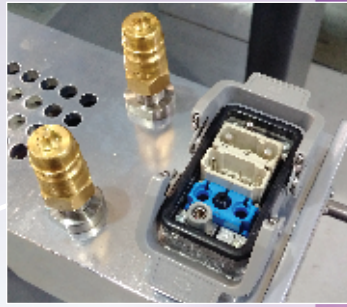


SHEETFED UV EQUIPMENT

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## LAMPHEAD

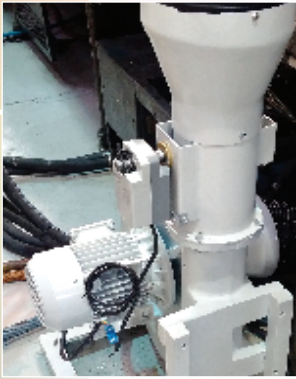
The exceptionally compact removable chassis utilises quick release water, air and electric connections and offers total flexibility within the system in allowing it to be moved between multiple positions throughout the press. Its design also allows maintenance and lamp change to be carried out without too much production disruption. The pneumatically controlled water-cooled shutters, manufactured from extruded aluminium are designed to give maximum performance for a wide range of applications and to operate in the most extreme of conditions, come with the option of either high grade aluminium or dichroic-coated reflector inserts. The use of dichroic-coated reflector inserts ensures infrared heat generated by the lamp is not reflected onto the substrate.



**UV MAINTENANCE LTD**  
**UV SYSTEMS**

## EXTRACTION & COOLING SYSTEM

Balanced air movement is achieved with a heat management cooling system that is linked through a dedicated exhaust cooling fan. All fans are fully automatic with a built-in timing system to allow the lamp to reach its peak voltage, for optimal UV output. The system uses airflow heat sensors, thermocouples, and an auto damper all looped through a digital thermostat for optimum heat management. The closed-loop auto damper heat management system enables optimum cure at both low and high print speeds and further reduces heat when printing on temperature sensitive substrates.



## POWER SUPPLY

The UV Maintenance sheetfed control cabinets are supplied with electronic power supplies produced according to the IS9001:2000 standard. To ensure premature failure does not occur, all power supply and components are put through a rigorous test and operation procedure. All electronic power supply solutions are factory provided with a full 24 month warranty, to allow us to offer this only high quality selected components are fitted. Reduction in the cost of operation through the usage of



our electronic power supplies are seen as unquestioned. The EBU has been developed & designed to offer not only a reliable product but also an affordable solution.

- LOW-FREQUENCY AC SQUARE-WAVE OPERATION ■ HIGH FREQUENCY IGNITION
- TRUE POWER CONTROL ■ CYCLIC OPERATION ■ FLEXIBLE LAMP VOLTAGE
- ELECTRICAL EFFICIENCY & ELECTROMAGNETIC COMPATIBILITY.

## INSTALLATION

All UV Maintenance installations are carried out by fully qualified and experienced technicians. On both new and retrofit installations our equipment is attached to the printing press utilising existing fixing holes ensuring a clean, quick and efficient installation is achieved. All services between the lampheads & the control cabinets are run in either flexible or rigid conduit and can be placed either conveniently behind the press or at height. Installations and service work can be carried out to ensure disruption to production is kept to a minimum and can also be carried out at weekends.



Over 30 years experience in the supply, service & maintenance of UV drying equipment within the printing industry, with particular emphasis on the Narrow Web, Continuous Stationery and Sheetfed markets.

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