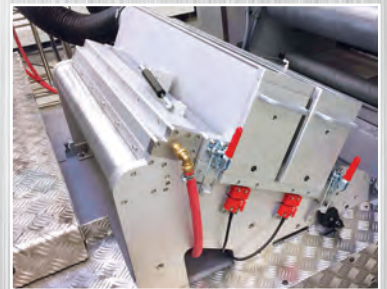


NUVA2

UV CURING SYSTEM

For demanding curing applications up to 2.50m wide



Why use **NUVA2** UV Curing System with **RHINO** Power Electronics:

- Fully air-cooled
- Up to 2.50m wide
- 5-year warranty



System **benefits**

Lowest total cost of ownership

- 30% energy saving
- Reduced plant air consumption

Easily implemented sustainability measure

- Immediate reduction in CO₂ footprint
- Cool, quiet operation with no need for expensive water-cooling

LED ready

- Upgrade easily to UV LED curing in future using the same RHINO ArcLED hybrid power supply

Available with UV monitoring

- Multi-point UV measurement along the full length of the lamp
- Control of UV dose and intensity

Maximum machine productivity

- Fast start lamp technology
- Proactive downtime avoidance
- Consistent, high-speed curing
- Quick to install

Available with inert atmosphere curing

- Enables production of silicone release liners and food packaging
- Process consistency assured with embedded precision oxygen level control
- Fully engineered solutions designed to suit your specific application

5-year warranty

- Safeguards against unplanned maintenance costs

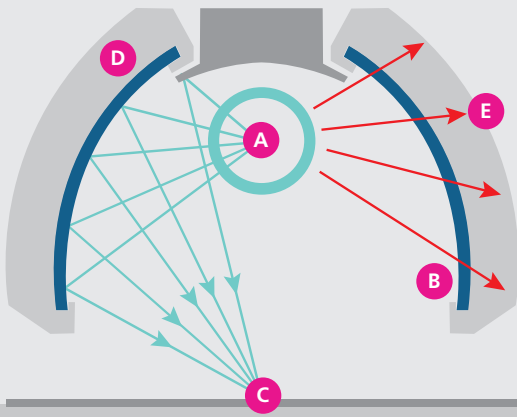


Watch the NUVA2
video demonstration

gewuv.de/nuva2video

GEW
...engineering UV

NUVA2 UV Lamphead



- A High output lamp
- B Minimal loss reflector
- C Optically tuned UV radiation profile
- D Actively cooled reflector
- E Absorbed heat

UV Lamphead benefits

NUVA2 UV System is safe for the widest range of heat-sensitive materials.

Versatile and controllable, with no heat transfer to the machine or substrate at stand-by through the use of actively air-cooled shutter technology.

- Optically tuned reflectors maximise the lamps' curing effect
- Substrate overheating is reduced
- Air-cooling is now more effective than water-cooling
- Supports the fastest printing speeds
- Highest dose + highest intensity = maximum curing
- LED ready: with a hybrid lamp housing, an LED cassette and an arc lamp cassette can be used interchangeably on the same print unit

Lowest maintenance

- Engineered for fastest, easiest lamp changes
- Lamp's patented ceramic end design prevents breakages during lamp change
- All replaceable components are plug-and-play for easiest maintenance
- Patented active airflow path minimises air consumption and contamination of lamp and reflectors: less cleaning is required to maintain curing performance



The only tool needed to change a UV cassette



Minimal harmonic current demand

Lowest operating costs

With intelligent power management the current draw from each mains phase is balanced and harmonic distortion is minimised, reducing the energy demand registered by your electricity meter.

Reducing harmonics in operation maximises existing mains capacity because energy is not lost as heat in cabling and transformers.

Power Supply benefits

Hybrid power

LED arrays and conventional UV arc lamps are both compatible with the same RHINO power supply module.

Fail-safe operation

Military-grade electronic design protects the UV system from damage caused by incorrect voltage, short-to-ground, dropped phases, mains spikes and lightning strikes. In the event of a serious mains disruption, the system powers down in a safe mode.

Survives the harshest environments

RHINO is designed to run in harsh conditions at ambient temperatures of up to 40°C. The system is also unaffected by dust, ink mist and other atmospheric contaminants.

Minimal footprint RHINO Rack

A compact cabinet that houses up to 6 RHINO power supplies and provides perfect cooling, atmospheric protection and mains power distribution. Cabinets are stackable 2-high, enabling 12 power supplies to fit into a 115 x 65cm floor area. Power supplies slide into the rack and connect quickly, enabling more lamps to be easily added to the system in future.



RHINO Rack cabinet is ideal for operation in confined areas



Intuitive control interface



Energy usage monitor



RHINO touchscreen control panel showing a video tutorial

Control benefits

Energy performance measurement

The RHINO control automatically logs energy use and displays it on screen at the touch of a button, showing kWh consumption in operation, at idle and % production uptime.

Proactive downtime avoidance

Our Embedded Service Package regularly sends system performance data to GEW for analysis. A system health report is generated, highlighting any out-of-tolerance parameters requiring maintenance attention before a fault can develop.

Working at peak performance

The Event Log continually records system use and operating parameters. The log can be checked to ensure the system is working at peak efficiency, avoiding energy waste and unplanned downtime.

Instant help

Multilingual instructions are easily accessible on every screen together with a library of tutorials and videos, troubleshooting and maintaining the system.

Arc & LED common interface

Automatic detection of cassette type (arc lamp or LED) ensures the RHINO power supply instantly adapts and delivers the correct output power.



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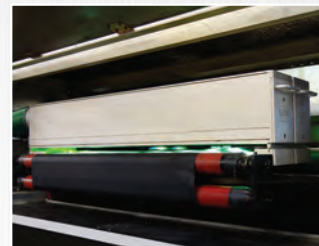
Why work with **GEW**?

GEW is the world market leader in manufacturing UV curing systems for the labelling and web printing industries.

GEW have invested in a world class production facility at their head office, where experienced teams of quality staff develop and produce UV solutions that are renowned for their high standards of engineering, durability and performance.

Purchasing a GEW product provides:

- An effective and highly reliable UV solution, delivered on time
- 25 years of experience in the field
- The lowest energy consumption and CO₂ footprint
- A friendly and responsive after-sales service online and on-site
- 24 hour global telephone support
- The peace of mind you are working with an experienced, dependable supplier



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USA +1 440 237 4439 **India +91 22 2528 5442**

ArcLED®, E2C, NA2 and RHINO are protected by the following patents and patent applications:
GB2495161, EP2709849, GB2495355, US9050831, GB2495901, EP2697066, GB2444328, 1408136.8,
15166954.6, 14/707,757, 1411699.0, 14183389.7, 14/482,743, 1415422.3, 1500494.8, EP2962848

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