

## UV VarnishRunner™ for web and single sheet applications



### Description

This new format variable all over UV Varnishing unit can be connected inline to any host digital printer or other continuous device, varnishing various types of substrates up to 150 m/min and for web width up to 20.5" (520mm) or for single sheet applications. Simply put, this is a UV seal applied all over the printed surface. A gloss UV varnish seal is the most common type of all-over UV varnish, (perhaps because these finish really does give a very high gloss effect, more so than with a laminate in many cases) although silk and matt are also available.

### Added values with UV Varnishing for your Print Products

- Create a great first impression about you
- Instantly raise the interest level of the recipient
- Add to the drama and punch of your message
- Increases the perceived value of your product
- Make your printing more likely to be read and kept!

### What is UV varnishing?

A varnish is a liquid coating applied to a printed surface (for example the outside of a presentation folder) to add a clear glossy, matte, satin, or neutral finish.

Varnishing, also referred to as Coating or Sealing, can be carried out 'online' (the varnish is applied directly (within seconds) after the ink is put on the paper), or 'offline' by a separate machine, some time after printing.

There are various kinds of varnish that can be applied to printing, but all share some common characteristics:

- A varnish increases colour absorption and speeds up the drying process
- By 'locking in' the ink under a protective coat, the varnish helps to prevent the ink rubbing off when the paper is subjected to handling
- Varnishes are used most frequently, and successfully on coated papers

Specifications for endless (web) Version



Web width	200 mm (8") - 520 mm (20.5")
Weight of material	55–160 gr/m <sup>2</sup>
Operating speed	8 - 150 m/min (25 - 500 ft/m)
Electrical specifications	3 x 400/230VAC, LNPE; 50/60Hz, 25A, +/- 5%
Air supply	10 bar; External air supply
Noise level	68 dB (A)
Ambient temperature	15 – 29° C (80 – 85 deg F)
Relative Humidity, operating	15 – 29° C (80 – 85 deg F) @ 30-60% RH
Agency compliance	CE
Interface	Type 1 compatible

Specifications for single sheet Version



Web width	360mm (14")
Weight of material	min. 100 gr/m <sup>2</sup> - 350 gr/m <sup>2</sup>
Operating speed	10 - 45 m/min (33 - 148 ft/m)
Electrical specifications	3 x 400/230VAC, LNPE; 50/60Hz, 25A, +/- 5%
Air supply	10 bar; External air supply
Noise level	68 dB (A)
Ambient temperature	15 – 29° C (80 – 85 deg F)
Relative Humidity, operating	15 – 29° C (80 – 85 deg F) @ 30-60% RH
Agency compliance	CE
Interface	Type 1 compatible

Options

 The image shows two views of a UV dryer. The top view is a side profile of a long, cylindrical stainless steel unit with a black base and a power cord on the left. The bottom view shows the unit from a front-three-quarter perspective, revealing a hinged lid on the left side and a control panel on the right.	<p><u>UV Dryer UV540</u></p> <ul style="list-style-type: none"><li>- 3 x 400 VAC; 50Hz; 8 KVA; 10A</li><li>- Automatic shutter to avoid heating of substrate in stop mode</li><li>- Ozon content less then 0.05 ppm</li><li>- Operating status monitoring</li><li>- EN60204 certified</li><li>- 3 different power levels</li><li>- Exhaust system with air flow switch</li></ul>
 The image shows a varnishing or primer pump. It consists of a blue metal cabinet on wheels. On top of the cabinet is a green electric motor connected to a silver cylindrical tank. To the right of the tank is a grey control panel with a digital display and a large black knob.	<p><u>Varnishing / Primer Pump</u></p> <ul style="list-style-type: none"><li>- Heating and delivery of varnish or Primer</li><li>- 230 VAC; 50 Hz, 2 A</li><li>- 0.55 l/min</li><li>- Temperature controlled heating system</li><li>- Adjustable delivery quantity</li></ul>