ORAFOL partners with AGFA

to offer a state of the art UV digital print system designed for the Traffic Sign Market.

The ORALITE® UV Traffic Sign Printer, based on the AGFA Anapurna H1650i LED Express, utilizes specially formulated ORALITE® 5019i UV ink system, comes with preinstalled software, and features proven and reliable print head technology made by market leader Konika Minolta. It is engineered to handle heavy work-loads while offering low ink consumption.

The digital UV printer features 6 print heads, which provide guaranteed printing of good solids, tonal rendering, and fine text reproduction on the entire family of ORALITE® retro-reflective films as well as a variety of substrates.

Achieve and protect 720 x 1440 dpi high quality prints utilizing the **ORALITE® Engineered Matched System™**; UV Traffic Sign Printer, 5019i UV ink, retro-reflective, and overlay films.

Save Time and Money

- Print direct to substrate or roll-to-roll
- Consistent quality from one print to the next
- No weeding required
- Increased shop efficiency

Work Faster, Cleaner, Greener

- No screens to setup, wash, or store
- No lengthy outgassing or dry time
- No solvent disposal

The service you expect

- One year service contract
- ASTM D4956 and AASHTO M268 compliant
- ORAFOL warranted sign system (every color)

For more information please visit **www.orafol.com** or email **reflective-americas@orafol.com**.

UV-LED Curing Technology

Have replaced UV-mercury bulbs in many industries. The UV LED technology used on the H1650i Xpress machine has the following features –

- Instant drying
- Operates on low voltages making them electrically simpler and safer compared to the earlier UV bulb technology on the M2050/M2050i machines.
- No warm up/cool down of the lamps, instant on/off
- 10,000 hours operation lifetime compared to several hundred for the UV mercury bulb technology.
- Overall reduced service and consumable costs

Reinforced Beams

Sees to it that the shuttle moves about flawlessly ensuring accurate dot placement.

Operator Handling

Loading-unloading of rolls is easy and as a result there is minimal material waste during set-up.

Ionization Bars

Mounted on the carriage remove electro-static charges on the substrate, ensuring optimum ink droplet placement.

Compact Footprint

62 feet^2

Ink Fill

While the machine is running.

Inflatable Airshaft

For good roll tension.

Hybrid

Design enables individual sheets or rigid material up to 40 mm in thickness to be printed on the machine.

Shuttle Safety Sensors

A set of shuttle safety sensors prevents print heads from touching the substrate and getting damaged.

Print Head Technology

Print heads with the latest technology allow for –

- Optimized ink consumption
- Higher image quality
- Readily available replacement parts

Convenient Operator Interface

All settings are conveniently arranged in a powerful straightforward user interface on a swivel-arm mounted touch screen. 1 TB of memory enables a faster transfer of ripped files. Multiple jobs can be queued at one time.

Ink Monitoring

During the production, the ink levels are monitored by the automatic ink refill system.

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