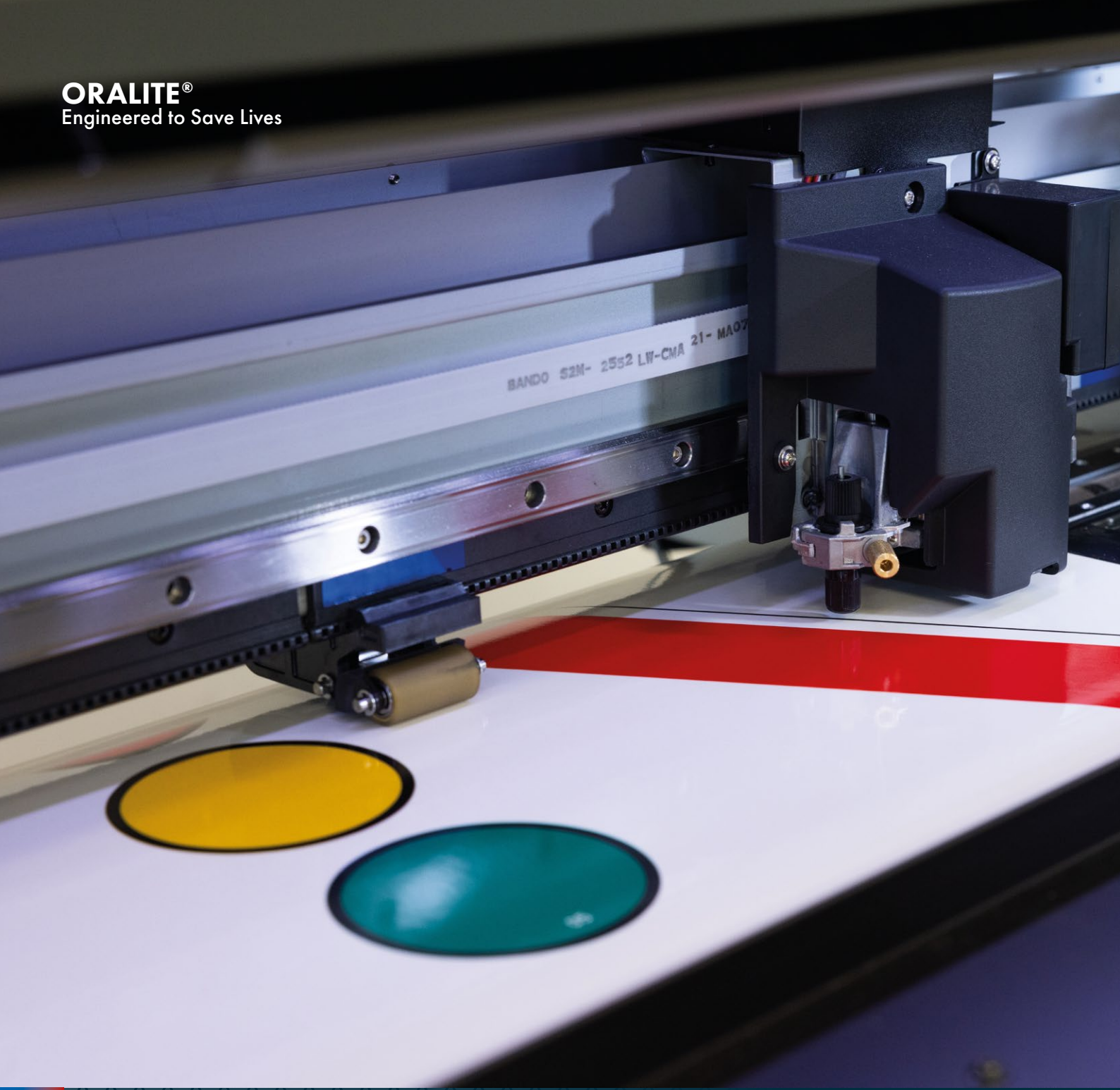


ORALITE®
Engineered to Save Lives



ORALITE® ECO Traffic Printer

Eco-solvent printing system for the production of temporary
and permanent traffic signs



ENGINEERED FOR EXCELLENCE

ORAFOL is a leading manufacturer of retroreflective materials that also specializes as a printing technology expert and service provider in the field of traffic control. In cooperation with Roland, ORAFOL presents a comprehensive solution for eco-solvent printing and positions itself as a strong technology partner for its customers. ORAFOL offers a comprehensive service for eco-solvent printing, covering everything from materials to printers and maintenance services from a single source to provide its customers with a reliable and consistent service.



ORALITE® ECO Traffic Printer

The ORALITE® ECO Traffic Printer is a specialised solution developed to produce both reusable temporary and permanent signs, specifically for applications in traffic safety, construction site signage, images within traffic signs, and multiple graphic uses. The ORALITE® ECO Traffic Printer is adept at producing traffic signs with extended longevity according to most common national and international standards, making it a dependable option for creating certified signage.

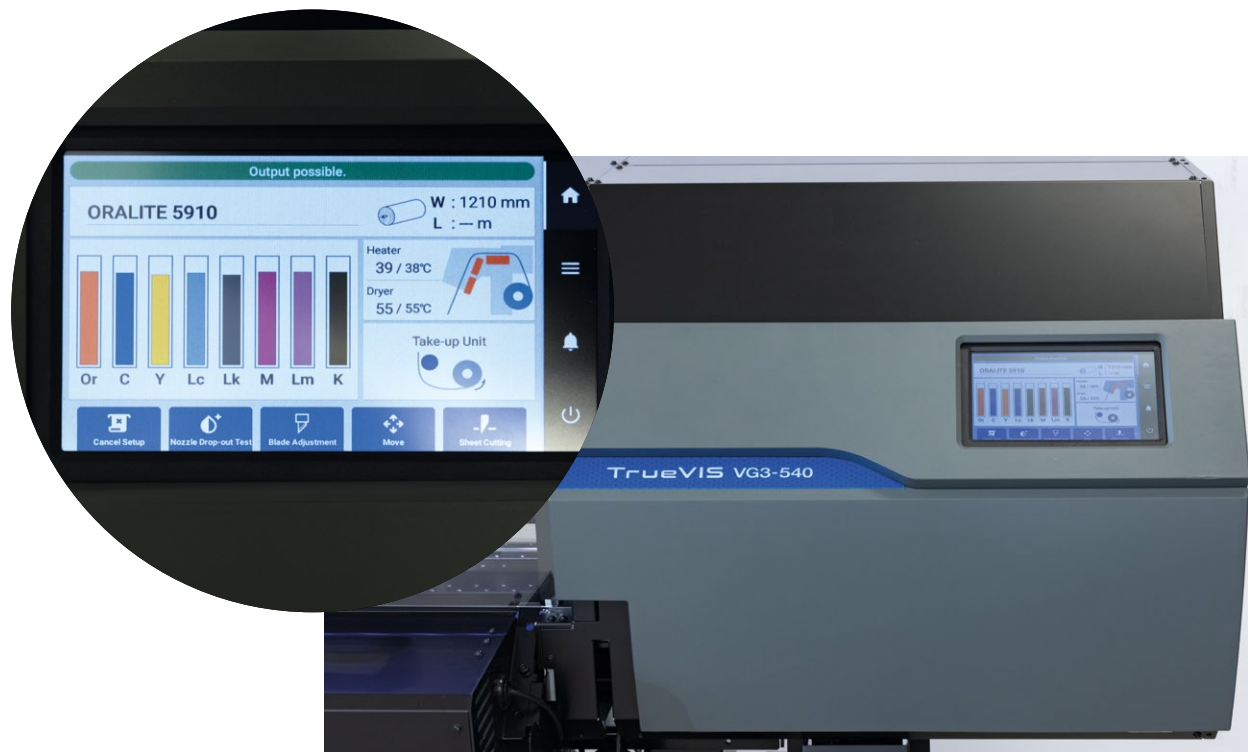
Simultaneously, it demonstrates resource efficiency by requiring fewer maintenance and service resources compared to alternative systems prevalent in the market. When coupled with the specialised support of the ORAFOL expert service, this printing system seamlessly integrates affordability, superior quality, and consistent reliability. The LCD display incorporated in the system ensures a user-friendly interface, enhancing the operational convenience of the printer.



ORALITE® 5017 ECO Solvent Digital Printing Ink

Perfectly adapted with the ORALITE® ECO Traffic Printer, these high-performance inks are engineered for optimal use on ORALITE® reflective films, meeting the demands of both permanent and temporary traffic sign applications. The specially formulated eco-solvent ink ensures low odour and trouble-free operation. It is also customisable to suit specific printing needs, offering

exceptional de-cap time, nozzle open times, and rapid dry times. The inks feature highly resilient pigments, providing durability and resistance to fading, thereby ensuring vibrant and long-lasting colours. Their versatility extends to compatibility with various types of printed signs, including those requiring CE approval.



Digital printing with ORALITE® 5017 ECO Solvent Digital Printing Ink:

- Printing on various media
- Eco-friendly operation
- Low-odour
- Optimised Print-On-Demand
- Quick-drying

SPECIFICATIONS

Model	Roland DG TrueVIS VG3-540
Print Head	Industrial High Frequency drop-on-demand piezo print head
Maximum Resolution	Traffic Mode 900 x 900 dpi, graphics 1200 dpi
Maximum Media Width	295 to 1.371 mm (11,7 bis 54") mm
Maximum Print Width	Max. 1.346 mm (52,9")
Printing Speed	7,5 m ² /h 80 ft ² /h Traffic Mode (and up to 8,2 m ² 88 ft ² /h in other print modes)
Media Weight	Up to 35 kg – 76,2 mm (3 ") or 50,8 mm (2 ") core diameter
Maximum Media Diameter	Up to 250 mm
Margin Size	5 mm on each edge (with rolled media, without edge guards)
Ink Type	ORALITE® 5017 ECO Solvent Digital Printing Ink
Colour	5 (CCMMYYKR) RFID controlled
Maximum ink capacity	0,5 l per colour
Media	ORALITE® 5021, ORALITE® 5710, 5810, 6710, 5910, 6910 and many more ORAFOL medias
Heater	built-in heaters & Roland DG DU-3 heater extension inklusive
Take-up Modes	Tension or loose / inside or outside printing
Interface	RJ 45 - Ethernet (100BASE-TX/1000BASE-T, auto-neogation)
User Interface	7 Zoll LCD Touchscreen control for media control, maintenace, cutting, drying
Power Source	100-120/220-240 Va.c. 50/60 Hz 8.0/4.1 A
Power Consumption	Up to 1090W – Standby: 50 W - auto sleep mode (energie saving)
Operating Environment	20–32 °C (68 – 89.6 °F), 5 bis 80 % rh (no condensation)
Loudness	Operating: 63 db(A) or less, Standby: 53 db (A) or less, Office: 55 – 70 db (A)
Storage Environment	5–40 °C (41–104 °F), 20–80 % rh (no condensation)
External Dimensions	2.632 mm × 748 mm × 1.320 mm (103,7 in. x 29,5 in. x 52,0 in.)
Weight	189 kg (417 lb) (without media and ink)
Software	ErgoSoft (Version +17.2) included, computer NOT included (review recommendations)

SERVICE & WARRANTY

Print heads	1 year full coverage
Hardware	3 years Roland DG support inclusive travel and labour costs and many parts
Software	3 years ErgoSoft remote support



www.roland.de



www.ergosoft.net

ORAFOL Europe GmbH
Orafolstraße 1
D-16515 Oranienburg
+49 (0)3301 864-0
reflective.solutions@orafol.de
www.orafol.com

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