



NEW
4 strong
printing solutions

ORALITE[®] UV Digital Traffic Sign Printers

Reflective Solutions

ORALITE[®]

Engineered to Save Lives[™]



M 2050:
ORALITE® UV Traffic Sign Printer

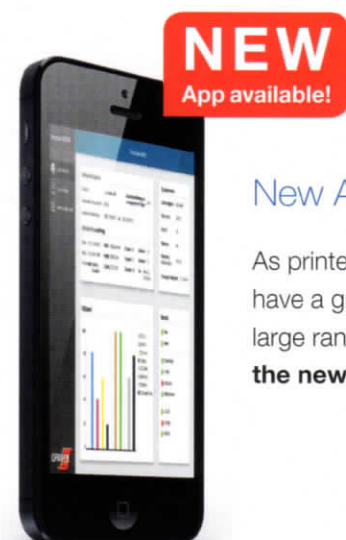
M 2050i / H 2050i LED:
ORALITE® UV Traffic Sign Printer
Premium

RTR 3200i LED:
ORALITE® UV Traffic Sign Printer
Premium Plus

Optimised system for digital production of traffic control and guidance signs. All retroreflective films within the ORALITE® range are printable on the ORALITE® UV Traffic Sign Printer, making it ideal for production of certified as well as non-certified printed signs. The system consists of the ORALITE® UV Traffic sign printer based on the four AGFA UV printers: Anapurna M 2050, Anapurna M 2050i, Anapurna H 2050i LED and Anapurna RTR 3200i LED. All four printers are approved for printing CE certified permanent signs, using the ORALITE® 5019 UV digital printing inks.



All test certificates currently issued for reflective films from ORAFOL Europe GmbH are valid for digital prints on AGFA Anapurna M 2050, Anapurna M 2050i, Anapurna H 2050i LED and Anapurna RTR 3200i LED.



New App for ORAFOL printers

As printer operator or production manager, you now have a great new and easy way to securely access a large range of the performance data from the printer: **the new ORAFOL App for mobile devices (iOS)!**



NEW

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M 2050

M 2050i

H 2050i LED

RTR 3200i LED

Material working capabilities				
Media width	207 cm	207 cm	207 cm	320 cm
Print width	205 cm	205 cm	205 cm	320 cm
Borderless printing up to a media width of	199 cm	199 cm	199 cm	316 cm
Multiple Board printing	min. A2, landscape	min. A2, landscape	min. A2, landscape	RTR only
Media thickness up to 45 mm	0,2 - 45 mm	0,2 - 45 mm	0,2 - 45 mm	0,2 - 3,0 mm
Dual roll option	(-)	(-)	(-)	2x 160 cm - coupling
4 rigid tables (2 rear and 2 front), Extends to max. length 3,2 m	✓	✓	✓	RTR only
Media weight: Rigids - up to 10 Kg/m ²	✓	✓	✓	✗
Media weight: Roll-to-roll (RTR)	up to 30 Kg	up to 50 Kg	up to 50 Kg	100 Kg
Media diameter (RTR)	up to 30 cm	up to 36 cm	up to 36 cm	up to 36 cm
Productivity				
Traffic sign print mode	12 m ² /h	18,5 m ² /h	18,5 m ² /h	23 m ² /h
Draft mode	53 m ² /h	90 m ² /h	90 m ² /h	129 m ² /h
Express mode	32 m ² /h	63 m ² /h	63 m ² /h	87 m ² /h
Print Head and Inks				
	8 print heads	8 print heads	8 print heads	6 print heads
6 Konica-Minolta KM 1024i heads: 1.024 nozzles/head, 12 pl (colours)	✓	✓	✓	✓
2 Konica-Minolta KM 1024i heads: 1.024 nozzles/head, white in line (on request)	30 pl	42 pl	42 pl	✗
Text Quality				
Text quality positive: 4 point (ORAFOL ink 6 pt)	✓	✓	✓	✓
Text quality negative: 6 point (ORAFOL ink 8 pt)	✓	✓	✓	✓
Engine Weight and Dimensions				
Weight in kg	1800	1800	1800	3500
Dimensions (w x h x d) in metres	4.350 x 1.600 x 1.470	4.580 x 1.690 x 1.540	4.580 x 1.690 x 1.540	5.960 x 1.650 x 1.980
Electricity				
Europe: 380V 3-phase star connection with neutral wire (3 x 32A*) 50/60Hz	✓	✓	✓	✓
USA: 230V 3-phase star-connection with neutral wire (3x 32A*) 50/60Hz	✓	✓	✓	✓
System Integration RIP / Workflow software				
Integrated production solution with Asanti RIP Software. Other RIPs upon request. Ready to use traffic sign media/ink profiles available (Asanti)	✓	✓	✓	✓
Ease of Operation				
Advanced on-board-command-center with touch-screen		✓	✓	✓
Multi-language Agfa-GUI (11 Language-Options)		✓	✓	✓
Network-connectivity	✓	✓	✓	✓
2 USB-3 sockets for quick and easy data-transfer	2 x USB 2.0	✓	✓	✓
Pneumatic roll-holding-system		✓	✓	✓
Maximum roll length (in metres)	50	50	50	2 x à 75 (150)
Ink-stock capacity (in litre)	1,7	4	4	4
Media length monitoring		✓	✓	✓
Step & repeat functionality at printer interface		✓	✓	✓
Job queue functionality		✓	✓	✓
App for mobile devices for live-reporting		✓	✓	✓
Cost-Saving-Benefits in daily operation				
Ink with shelf-life of up to 12 months	✓	✓	✓	✓
LED-UV-drying-lamp-technology with longer life and less energy consumption		✓	✓	✓
Extended lifetime components for maximum service life with minimum maintenance-demand		✓	✓	✓
Spray-cleaning for up to 75%-ink-saving on cleaning-task		✓	✓	✓
Reduced cleaning frequencies	Requires software update	✓	✓	✓
Up to 10-days standstill-option without printing (e.g. in vacation-times)		✓	✓	✓
Service				
One-stop-shop - All components are supplied by ORAFOL: printer & inks & reflective-sheetings = One face to the customer	✓	✓	✓	✓
Warranty-contract & optional service contract	✓	✓	✓	✓

Digital printing technology with UV curing inks

- for printing on various material surfaces
- environmental friendly operation
- no solvent evaporation
- digital printing for optimised print-on-demand manufacturing as well as for high volume printing

Key benefits of the M 3200i LED RTR:

NEW

- Increased production speed
- Ergonomic design
- Dual roll printing possible
- Energy efficient
- Cost saving UV LED technology

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ORAFOL Europe GmbH

Orafolstraße 2, D-16515 Oranienburg, Germany
Tel: +49 (0)3301 864-0 · Fax: +49 (0)3301 864-100
reflective.solutions@orafol.de · www.orafol.com

