



Reflective Solutions

ORALITE® UV Digital Traffic Sign Printers

NEW

4 strong
LED solutions

Engineered to Save Lives™

ORAFOL®



H1650i LED:

ORALITE® UV
Traffic Sign Printer

H1650i LED Express:

ORALITE® UV
Traffic Sign Printer
Express

H 2050i LED:

ORALITE® UV
Traffic Sign Printer
Premium

RTR 3200i LED:

ORALITE® UV
Traffic Sign Printer
Premium Plus

Optimised solution 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 solution consists of the ORALITE® UV Traffic Sign Printer based on one of four AGFA UV printers: Anapurna H1650i LED, Anapurna H1650i LED Express, Anapurna H 2050i LED and Anapurna RTR 3200i LED. All four printers are approved for printing CE certified permanent signs, using the ORALITE® 5019i UV digital printing inks.

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 LED solutions:

- lower energy consumption
- constant UV output over the operating life
- lower service and consumable costs
- fast drying of ink



	H1650i LED	H1650i LED Express	H 2050i LED*	RTR 3200i LED
Material working capabilities				
Media width	165 cm	165 cm	207 cm	320 cm
Print width	165 cm	165 cm	205 cm	320 cm
Borderless printing up to a media width of	160 cm	160 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
Rigid table option (rear and front)	1/1 (optional till 3.2 m)	1/1 (optional till 3.2 m)	2/2 (till 3.2 m)	Roll to roll only
Media weight: Rrigids - up to 10 Kg/m ²	+	+	+	(-)
Media weight: (RTR)	up to 50 kg	up to 50 kg	up to 50 Kg	100 Kg
Media diameter (RTR)	up to 36 cm	up to 36 cm	up to 36 cm	up to 36 cm
Productivity				
ORALITE® Traffic sign print mode	14.5 m ² /h	22 m ² /h	18.5 m ² /h	23 m ² /h
ORAJET® graphic mode	28 m ² /h	28 m ² /h	34 m ² /h	39 m ² /h
Print Head and Inks				
6 Konica-Minolta KM 1024i heads: 1024i nozzles/head, 12 pl (colours)	+	(-)	+	+
6 Konica-Minolta KM 1024i heads: 1024i nozzles/head, 30 pl (colours)	(-)	+	(-)	(-)
2 Konica-Minolta KM 1024i heads: 1024i nozzles/head, white or black (on request) 30 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	1020	1020	1800	3500
Dimensions (w x h x d) in metres	3,910 x 1,660 x 1,470	3,910 x 1,660 x 1,470	4,500 x 1,600 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 delta-connection with neutral wire (3x 32A*) 50/60Hz	+	+	+	+
System Integration RIP / Workflow software				
Integrated production solution with Asanti RIP 4.0. 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 1 Gbit	+	+	+	+
USB 3.0 sockets for quick and easy data-transfer	+	+	+	+
Pneumatic roll-holding-system	(optional)	(optional)	+	+
Maximum roll length (in metres)	50	50	50	2 x @75 (150)
Surveilled ink-stock capacity (in litre)	4	4	4	4
Media length monitoring	+	+	+	+
Step & repeat functionality at printer interface (vertical and horizontal)	+	+	+	+
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, without heat-up phase and 80% less energy consumption	10,000 h	10,000 h	10,000 h	10,000 h
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	+	+	+	+
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	+	+	+	+
ORAFOL Service Hotline	+	+	+	+

* Also available with old curing technology UV. Product code here is M2050i.

II

All test certificates currently issued for reflective films from ORAFOL Europe GmbH are valid for digital prints on AGFA Anapurna H1650i, Anapurna M 2050, Anapurna M 2050i, Anapurna H 2050i LED and Anapurna RTR 3200i LED.

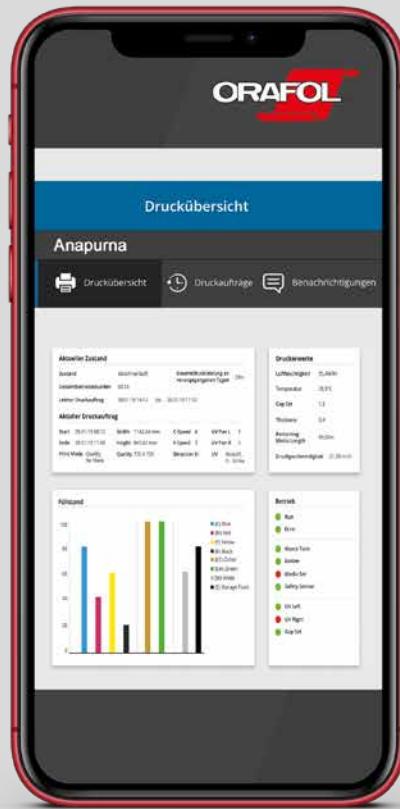


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App for ORAFOL printers

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 ORAFOL App for mobile devices (iOS)!**



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Find out more about our products at: www.orafol.com

