

IQDEMY EVOLUTION

for rigid and flexible materials



Updated version of the reliable and time-tested Evolution UV-LED printer. New design and other technological solutions allowed to increase the productivity of the printer simultaneously with the printing quality. But the versatility of the printer remained, as well as unpretentiousness and ease of maintenance at a low cost of ownership.

FEATURES

- ✓ **Versatility - both rigid and flexible (roll) materials**
- ✓ **Choice of print heads**
- ✓ **Control electronics by DPS Innovations**
Extended warranty of 5 years for electronics and UV-LED.
- ✓ **Extra-high carriage lift**
With specially designed system of carriage lifting you can print on 20 cm high objects.
- ✓ **Semi-automatic cleaning system**
- ✓ **Vacuum belt**
Composite belt is perforated and has 3/5 independent zones to ensure continuous vacuum supply.
- ✓ **8 channels in every machine**
Every Evolution is ready for 8 colors printing, get CMYK+W and then just add print heads to have +LM +LC +V when needed.
- ✓ **White ink recirculation**

SPECIFICATIONS

	Evolution 1600	Evolution 2500
Type	Hybrid (roll-to-roll and flat), Belt with side tables	
Curing method	Watercooled UV-LED	
Maximum print dimensions	1600 mm	2500 mm
Maximum media width	1650 mm	2560 mm
Productivity	Real measurement, Ricoh Gens, single row, CMYK mode	
Draft (720 X 600 dpi)	from 24 m ² /h	from 29 m ² /h
Optimal (720 X 1200 dpi)	from 18 m ² /h	from 20 m ² /h
High Quality (720 X 1800 dpi)	from 14 m ² /h	from 15 m ² /h
Print heads (standard configuration)	3 Ricoh Gen5 or 5 Konica Minolta 1024/1024i	
Print heads (maximum)	6 Ricoh Gen5 or 7 Konica Minolta 1024/1024i	
Grayscale	Yes, for Ricoh Gens and Konica Minolta 1024i	
Print head cleaning system	Jetting, Purging, Wiping	
Colour scheme	CMYK+W. Lc, Lm and varnish as options	
Ink supply system	Continuous, with subtanks	
Recommended inks	IQDEMY Premium	
Material thickness	0.1 mm - 200 mm	
Material weight	Up to 90-130 kg	
Feeding and Take-up system	Automatic with Rewind	
Vacuum	Yes, 3 zones	Yes, 3 zones
Safety system	Anti-impact side sensors on carriage. Emergency stop buttons	
Antistatic	Yes	
Recommended RIP Software (not included)	Caldera Grand RIP	
Warranty	1 year. 5 years for control electronics and UV-LED. 6 months for print heads, except white color	
Power supply	220V single phase, 50/60Hz, max 4.5kWt	
Dimensions (L*W*H)	3500 mm X 710 mm (2500 mm with side tables) X 1250 mm	4600 mm X 840 mm (4000 mm with side tables) X 2570 mm
Weight	900 kg	1200 kg

