

IQDEMY MAGLEV

UV-LED PRINTER



IQDEMY Maglev is a powerful industrial solution for your business. The latest print heads by Ricoh or Konica Minolta and unique innovative system of «magnetic levitation», introduced in the carriage motion system extend the borders of digital printing. High speed printing at maximum capacity.

FEATURES

- ✓ **Magnetic levitation**
'Quantum leap' in ink-jet multi-pass printing. The printer is equipped with a powerful linear motor unbeatable by traditional mechanic solutions. The absence of rubbing and stepping components eliminates the negative vibrations and «noise» affecting the print quality and raising overall stability and durability of the system.
- ✓ **Advanced grey-scale**
Improved waveform system allows IQ Maglev to print dots of different sizes in a single cycle. This option increases the smoothness of the image significantly without speed loss.
- ✓ **White ink recirculation**
Constant circulation sytem allows forgetting about 'white head' clogging issue.
- ✓ **Control electronics by DPS Innovations**
Extended warranty of 5 years for control electronics and UV-LED.
- ✓ **Solid metal frame**
All-metal welded frame can withstand heavy media up to 400kg.
- ✓ **4 vacuum zones**
Honeycomb desktop is divided into 4 vacuum zones able to operate independently to reduce power consumption of the printer.
- ✓ **8 channels in every machine**
Every MAGLEV is ready for 8 colors printing, get CMYK+W and then just add print heads to have +LM +LC +V when needed.
- ✓ **Choice of print heads**

SPECIFICATIONS

	MAGLEV 1228	MAGLEV 2030
Type	Flatbed	
Curing method	Watercooled UV-LED	
Maximum print dimensions	1200 mm X 2800 mm	2000 mm X 3000 mm
Portal (X-axis) length	2800mm	2000mm
Productivity	Real measurement, CMYK mode, Ricoh Gen5, 'multi-pass' and 'missing nozzles' optimizations enabled	
Normal quality (508 X 1200 dpi)	24 m ² /h	22 m ² /h
High quality (508 X 1800 dpi)	18 m ² /h	16 m ² /h
Super quality (508 X 2400 dpi)	14 m ² /h	12 m ² /h
Print heads (standard configuration)	3 Ricoh Gen5 or 5 Konica Minolta 1024/1024i	
Print heads (maximum)	10 Ricoh Gen5 or 8 Konica Minolta 1024/1024i	
Grayscale	Supported	
Print head cleaning system	Jetting, Purging	
Colour scheme	CMYK+W. Lc, Lm and Varnish as options	
Ink supply system	Continuous, with subtanks	
Material thickness	0.1 mm - 100 mm	
Material weight	Up to 400 kg	
Height sensor	Yes	
Vacuum	Yes, 4 zones, with reverse (blower)	
Safety system	Anti-impact side sensors on carriage. Emergency stop buttons	
Antistatic	Yes	
Recommended RIP Software (not included)	Caldera Grand RIP	
Warranty	10 years. 5 years for control electronics and UV-LED	
Power supply	380V three phase, 7 kWt	
Dimesions (L*W*H)	4800 mm X 2280 mm X 1600 mm	3900 mm X 4000 mm X 1600 mm
Weight	1200 kg	1500 kg

