

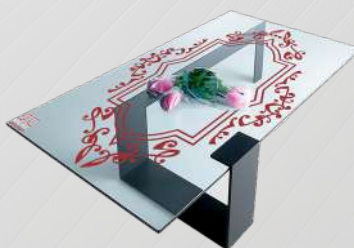
# ATOM

# 2513-2030

Medium- to Large-Format Digital UV or HY  
Flatbed Printer



VIDEO



# ATOM

Atom is a medium-to-large-format UV LED printer designed for high performance, available in 2500×1300 mm and 2000×3000 mm formats:

- Material versatility: Prints on virtually any type of material, including rigid, flexible, light, and dark substrates
- High productivity: Ricoh G5 industrial printheads ensure high-quality prints even at the highest speeds
- Zone vacuum system: Powerful, modular vacuum table divided into independent zones to keep the substrate perfectly stable during printing
- Anti-Crash System: Integrated anti-collision system that prevents accidental damage to the printheads if the material lifts

## KEY FEATURES



- **Cooling system**
- **Wide color gamut**
- **Printing on thick materials up to 10 cm**
- **Drying with UV LED lamps for the UV version and IR lamps for the HY version**

## INKS

UV LED inks: offer high quality on many materials, with vibrant colors, weather resistance, and excellent white coverage for dark or transparent surfaces. The semi-flexible formulation allows printing on both rigid and flexible substrates. The recirculation system prevents sedimentation and reduces maintenance

Thanks to UV LED technology (heat-free), it is possible to print on heat-sensitive materials:

- Plastic, ceramics, paper, metals
- Colored or transparent materials (with white)
- Color-white-color printing on glass
- Cylindrical or conical objects
- 3D, Braille, or foil effects
- Rigid and flexible substrates

Hybrid Inks: ideal for complex materials such as metal, glass, and leather. They offer high quality on both rigid and flexible surfaces. Ink recirculation reduces sedimentation and maintenance



# TECHNICAL SPECIFICATIONS

Maximum resolution	1200 dpi
Print Area	2500x1300 mm or 2000x3000 mm
Heads	Up to 8 Ricoh Gen 5 print heads
Print speed	Until 36 m <sup>2</sup> /h   Until 28 m <sup>2</sup> /h
Available colors	CMYK, White + Glossy, LC and LM (Optional)
Max. thickness	100 mm
Inks	UV Led o Hybrid
Interface	Ethernet
Consumption	5000 W
Power supply	AC 220V 50/60Hz
Operating environment	20–25°C Relative humidity 30–70%
Optional	<ul style="list-style-type: none"> <li>• Gloss, LC, and LM Ink</li> <li>• Suction Table</li> <li>• Integration with Automation Systems</li> </ul>

# SOFTWARE



The printers in the **Atom series** are equipped with **WhiteRIP** software, designed to maximize quality and productivity in industrial UV printing

- **Template function:** Virtually divides the print bed into panels for precise positioning, reducing errors and waste
- **Advanced color management:** Support for custom color profiles, spot channels, and variable data management
- **Operational versatility:** Integration with hot folders, label creation, and support for special effects such as Braille and 3D

Thanks to its intuitive interface and the ability to send jobs directly from the print queue, the software simplifies process management, optimizing time and resources.



**Resolution**  
Max. 720x1200  
DPI



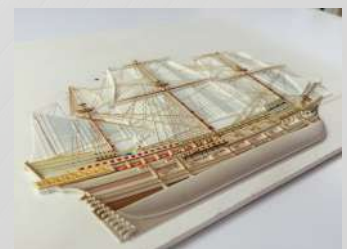
**Adjustable pres-  
sure system**




**System  
Ink  
UV LED**




**Can be  
integrated with  
automated  
systems**





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