

THOMPSON DIRECT

DIRECT MAIL & PACKAGING EQUIPMENT

OWL INK JET



- The Owl is a fast, field serviceable, native 600 dpi printer that integrates easily with the most commonly used industrial controllers in the world – . Owl is capable of running a wide variety of different types of inks on a many different substrates, making it not only easy-to-operate and maintain but also one of the most versatile inkjets available anywhere.

Ultra High Speeds 750 fpm at 300 dpi

LED UV curable inks

Scratch resistant stainless steel print heads

2.13” print head upgradable to 4.25”

7, 16, 26 pl drop sizes for the quality that you need

Affordable inks

The Owl Ink Jet is the next generation of industrial ultra high speed ink jets at speeds up to 750 feet per minute or 1200 dpi, it can not be beat.

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Technical Data

- Horizontal resolution flexible: 300 to 1200 DPI
- Vertical resolution: 600 DPI
- Selectable Monochrome Drop Sizes, -7, 16, 26 pl
- Print width 54 mm(2.13”) standard, 108 mm (4.25”) upgradable option
- Hard Stainless Steel Inkjet Head
- Ink supply: 1 Liter
- Ink types: UV-Curable, Oil, Solvent, or Water-based
- Data source: GT Controller
- Linear speed: 600 dpi 375 fpm (114 m/min) with 7 PL
- Linear speed: 300 dpi 750 fpm (229 m/min) with 16 PL
- Umbilical length: 3 m

High Quality @ High Speed

- 600x600 DPI native resolution — Print as small as 2 point fonts and small bar codes
- Supports Water, Oil, Solvent, and UV-based inks to suit your application
- Environmentally friendly water-based and UV inks
- Speeds up to 375 fpm at 600 dpi (7 PL), 750 fpm at 300 dpi Easy-to-Handle / Lower Cost of Ownership

Easy and quick start up procedure

- Print-heads easily replaced in the field. Means more uptime.
- Connects seamlessly to GT controller
- No click charges or other hidden fees

Owl vs. GT-JET 64 and others

- 1 jetting vs 6 jettings: lower cost heads and field replaceable
- Field tests show that 50% less ink is used as compared to a GT-JET 64 Printer
- 600 dpi vs. 316 dpi native resolution
- 2.13” (54 MM) vs 2.3’ (64 mm) upgradable to 4.25” (108 mm)
- 45 KHz vs. 20 KHz piezo
- UV, Solvent, Water, and Oil-based inks vs. only UV and Solvent-based inks
- Thinner layer of ink requires less curing and is more durable than printing on GT-JET printers

Applications

- Integrates into existing platforms to print text, bar codes and logos in the mailing, packaging, and card industries as well as on webs at higher speeds with more reliability. Any Serialization, Personalization,