



Incredible
quality
High Speed
UV flatbed
grows
with your
business



Inca Onset R40-LT

Fujifilm proudly announces the Inca Onset R40-LT, a new addition to its market-leading Inca Onset range of full-bed array wide-format UV flatbed inkjet printers. The Onset R40-LT grows with your business. It has the amazing print quality of the Onset series but offers an entry-level investment. As the need for an increase in throughput grows, there's an easy upgrade path with minimal downtime that allows the R40-LT to increase productivity and become a full build Onset with automation.

Onset R40-LT is capable of producing sellable output at speeds in excess of 3,000 ft²/hr equating to 40 5' x 10' beds per hour by utilizing a small droplet size (14 nano-grams) jetted through 42,000 nozzles to produce crisp images, fine lines, sharp text and smooth tonal graduations. It offers many of the features associated with the Onset range, including a wide color gamut, optional white, variable satin to gloss finish, advanced job management and automation. There's no gloss-matte banding commonly associated with conventional reciprocating head technology, especially in high saturation areas. In Addition, the Onset R40-LT produces superb POP-quality display graphics economically up to 1.96" (50mm) thick.

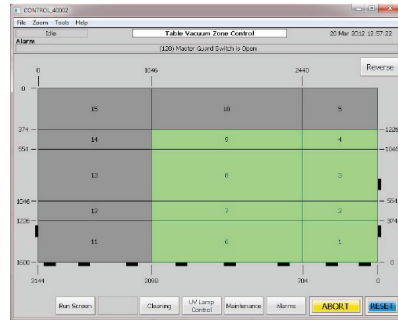
After the Level 1 Upgrade, the R40-LT is capable of producing 58 5' x 10' beds per hour with manual handling. That's over 4,300 square feet per hour. The Level 1 Upgrade includes the addition of a second UV lamp, the associated electronics and additional print modes. Adding a second UV lamp allows for bidirectional printing, which significantly increases printing speed.

Inca Onset R40-LT Features:

- High Quality, high speed output of 40 beds an hour
- Output increases to 58 beds an hour after the Level 1 Upgrade
- iNozzle auto nozzle mapping technology
- 15 zoned vacuum print bed
- Variable gloss levels from satin to gloss
- Automated print head sensor protection
- Inca Vision remote diagnostics software
- Easy upgrade path to increase speed and automation

ZONED VACUUM BED WITH 15 ZONES

The Onset R40-LT has 15 user selectable zones on the print bed. The need to mask the bed is significantly reduced in order to maximize productivity and allow for faster changeovers between jobs.



User controllable vacuum zones are controlled via the Print PC as shown above

ONSET R40-LT – FOUR OR SIX COLOR

The Onset R40-LT four-color offers an affordable solution for fast and accurate printing for a wide range of point of sale and graphic display applications. Onset R40-LT six-color gives the operator the ability to enhance print quality by adding light cyan and light magenta colors. This provides even smoother color transitions of light colors and skin tones. A six-color R40-LT is an excellent solution for customers selling print for closer viewing distances or as an alternative to offset prints. White or light colors can be added at any stage of the printer's development, from the initial installation through the Level Two Upgrade.

ONSET R40-LT - WHITE OPTION

Onset R40-LT with white offers customers the opportunity to print a white layer under or over the CMYK content, using automatic print modes selected at the RIP. White can also be used as a spot color as part of the image. This can be configured with a 4 color R40-LT or a 6 color R40-LT. With the Onset R40-LT, one or two channels of white can be added to the configuration. The excellent reliability of the recirculating print heads as developed by Fujifilm Dimatix makes it possible to overprint or underprint white with confidence in the finished product. In addition, with two channels of white, the opacity is impressive with just one print cycle.

EASY UPGRADE PATH

The R40-LT was designed to allow increased productivity with the ability to add throughput by upgrading the press through the Level One and Level Two. After the Level One Upgrade, throughput increases to 58 5' x 10' beds per hour with manual handling. Upgrade Level One adds a second UV lamp, additional electronics and additional print modes. With the Level Two upgrade and any of the three automation systems available for the Onset series, the press is capable of producing 80 5' x 10' beds per hour. The Level Two upgrade adds automation controls and electronics to support automation.

OPTIONAL HANDLING SYSTEM AFTER LEVEL 2 UPGRADE

The optional handling systems for the Onset increases the throughput of the press by 25-50% by reducing handling time from 20-45 seconds manually, down to 8 seconds with automation. As a result, this Onset can produce up to 80 beds per hour with automation as opposed to up to 58 beds per hour manually (with 30 seconds handling).

SPECIFICATIONS: Inca Onset R40-LT

SPECIFICATIONS:

Print Area

- ▶ 123.6" x 63" (edge to edge printing)

Print Finish

- ▶ Variable, Satin to Gloss
- ▶ Max. Substrate Thickness
- ▶ 1.96", 50mm

RIP

- ▶ ColorGATE Production Server (Fujifilm edition), Version 8.0 or later
- ▶ Caldera Grand RIP+ 9.0 (Fujifilm edition) or later

Fujifilm Uvijet UV Inks

- ▶ OB or OZ series UV curable inks (CMYK + Lc, Lm, and W)
- ▶ OW series UV curable inks (CMYK + Lc, Lm)

Space Required

- ▶ Manual – 19' 4" (W) x 45' 3" (L)

Power

- ▶ 380-480V 3-Phase 50/60 Hz, rated to 100A

Factory Air requirement

- ▶ 90 PSI (6 bar for press only)

Network

- ▶ 1000 Base-T
- ▶ Product specifications are subject to change without notice.

Onset R40-LT Productivity

		Entry Level Machine		Upgrade Level 1		Upgrade Level 2	
Handling		Manual		Manual		Automation	
Beds/hour	Throughput	40	40	58	58	80	80
ft ² /hour	Speed	3,014	3,014	4,306	4,306	4,306	4,306
m ² /hour	Speed	280	280	400	400	400	400



THE FUJIFILM GREEN POLICY

We at Fujifilm believe that "sustainable development" of the Earth, mankind, and companies in the 21st century is an issue that must be addressed with the highest priority. As a socially responsible corporation, we actively undertake corporate activities with our environmental values in mind. We strive to be a dedicated steward of the environment and assist our customers and corporate partners in doing the same.