

# FinishReady controller

CARIBBEAN  
series



- Integrate finishing devices
- Communicate job info
- Setup finishing devices
- Track progress of each job
- Automatic jam recovery

## Integrate and control in-line and near-line finishing

Turn your HP Indigo 7500 / 7000 Digital Press into a complete, integrated document production line. FinishReady™ Controller is a communication hub permitting the integration of in-line or near-line binding and finishing modules with these HP Indigo presses. Labor requirements and turn-around time are reduced, finishing module make-ready waste is virtually eliminated, and productivity is significantly improved.

FinishReady Controller was developed in cooperation with HP, to ensure seamless operation with the HP Universal Finishing Interface (UFI). To enable automation of the entire process, the UFI generates a job ticket, which is then sent and further processed through FinishReady to set up the in-line or near-line finishing devices.

FinishReady conventionally operates with the Lasermax Roll Systems PageReady™ system. PageReady cuts, trims, collates and stacks multiple

page sheets from the HP Indigo 7500 / 7000 Digital Presses. FinishReady conveys job information to PageReady, enabling PageReady to automatically changeover between jobs in under a minute. In an in-line finishing configuration, PageReady feeds single page or book block output on to these in-line devices. FinishReady may also be used without PageReady, to support in-line or near-line finishing configurations where PageReady is not required for appropriate page presentation.

A part of Lasermax Roll Systems' Caribbean series designed to improve efficiency of cut sheet printers, FinishReady was developed in close cooperation with HP Indigo to ensure seamless integration. Innovative products combined with award winning support and service make Lasermax Roll Systems the essential partner for your print operation.

# FinishReady controller

FinishReady™ Controller consists of software and a computer with enough capacity to receive, read, parse, process, update and transmit JDF and JMF messages within the time constraints imposed by a real-time production line.

In addition to the computer, the FinishReady is equipped with one or more of the following components:

- An Ethernet switch to communicate with all possible peripheral devices.
- For configuration and maintenance directly on the FinishReady Controller, a touch screen display can be installed with FinishReady, or this may be outsourced to some suitable finishing line device.
- When individual emergency stop circuits among the finishing line devices have to be interconnected, FinishReady allows for such a connection.

## Operates both in-line and near-line

FinishReady communicates job information to both in-line and near-line versions of PageReady. In the near-line environment, PageReady NL identifies the job loaded into the feeder module and communicates that job ID to FinishReady. FinishReady retrieves job information including pages, trim sizes, output stacking mode, etc. from its database, and communicates to PageReady NL for automated set-up.

## Finishing devices are automatically set-up

FinishReady conveys industry standard JDF/JMF job information to configure the finishing line as well as schedule jobs to be finished in the line, using the knowledge it has of the capabilities of the different finishing modules. Jobs incapable of being handled by the finishing line are rejected. Waste of paper and operator time due to make-ready is virtually eliminated. Users do not need to have a "JDF operation"; the HP digital front end automatically converts job information from any source to JDF. The workflow software used is not a factor however, job imposition must be done by the HP DFE.

## Job integrity is ensured

Finishing line devices report back to FinishReady about job progress in real time. Every page is tracked, supporting automatic jam and error recovery. Waste is minimized as errors can be quickly identified. Job integrity is verified and proven.

## Job info is communicated

FinishReady makes job information available to users, at the press or remotely. Users and service personnel are supported with diagnostic and configuration services.

## Throughput is maximized

FinishReady controller automatically matches the speeds of the different devices to each other, to obtain highest possible throughput. A particular finishing module may, for example, be slower than the HP Digital Press only when this module does some specific part of the process. The press is slowed down only when this process takes place, but is allowed to run at full speed at all other times.

## Finishing line device integration

In order to integrate with FinishReady Controller, the finishing device in principle has to be JDF/JMF compatible. Finishing devices at two different levels of communication capability may be integrated into a finishing line monitored by FinishReady. Advanced devices handle the communication with the FinishReady using Ethernet. Devices not compatible with JDF/JMF may also be incorporated into a finishing line, through the use of the basic Level 1 (L1X) based on L1 interface as defined by HP. Finishing devices communicate with FinishReady, not directly to the HP Indigo Digital Press.

## Operator alerts to supplies depletion

When connected to in-line finishing devices, FinishReady provides early warning of consumable supplies depletion for items such as glue, stitching wire, and varnish.