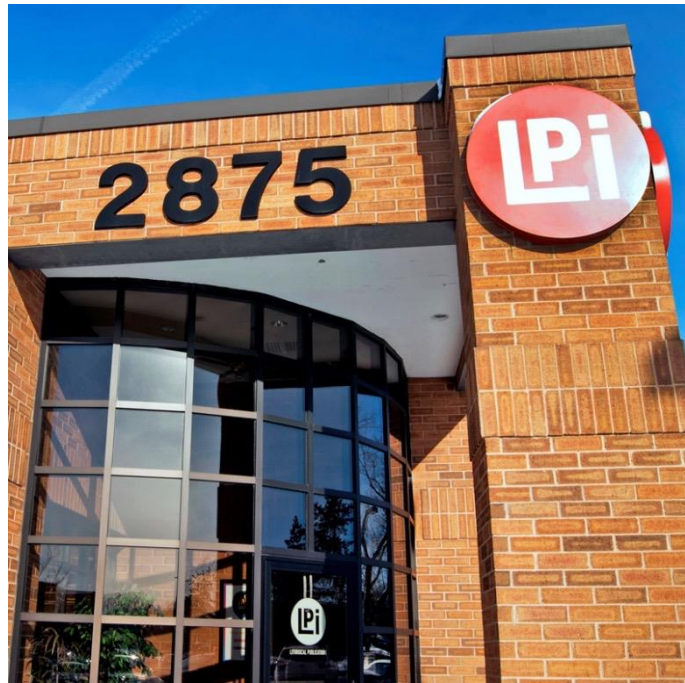




BECAUSE VIBRANT
CHURCHES MATTER

Liturgical Publications, Inc.

Moving to Digital Finishing



- The largest printer of church bulletins and other church media in the U.S.
- Serving 7,000 parishes every week
- Multiple production facilities across the U.S.



There is **ONE** absolute about weekly
parish bulletins.....

You have to get them to the Church **ON TIME!**

LPI's production facilities





Before Digital



Seven Narrow web offset presses

Multiple buckle folders



THREE saddle stitchers



Digital Hybrid Workflow



THREE Konica
Minolta
Cut Sheet printers



FIVE Duplo
5000
Booklet Makers

Offset Process



Narrow Web
Offset



Fold to
Signature



Saddle
Stitch



Offset Process

- Average run of **800** bulletins
- Four to Five jobs per hour on average

Digital Process



HP T-230
Continuous Inkjet
20"-wide press
runs at 400 f.p.m
roll-to-roll



Digital Process



Tecnau
Unwinder-
Dynamic Perf.
unit – stacker &
IBIS Interface

Digital Process



IBIS Smart-binder

Digital Process

HP "T"-series
press



Tecna Unwinder
Cutter & IBIS
Smart-binder



Finished
Bulletins



Digital Process

DOZENS of jobs per hour in a seamless production process



Digital Process

A single press operator can run **TWO** HP presses and supply **THREE** IBIS finishing lines with **ONE** operator each



According to **Ken Hause**, Pressroom Supervisor, issues that existed prior to installing the new digital finishing equipment have been resolved.





*“We’ve seen an increase in uptime, speed, and productivity. A decrease in errors, reprints and overages. We’re better able to meet customer deadlines. And.....the equipment needs **minimal** maintenance” .*

“The digital finishing equipment has smoothed out the production process tremendously”.
Hause concludes.

“Integration of the data needed for a given job is via barcode”. And because we are running our digital press roll-to-roll, and our average job is 800 booklets, job transitions are seamless.”

The end of the process



The digital platform has been implemented at **all** of LPI's plants, enabling LPI to continue its leadership position within the bulletin industry, and to **EXPAND** into new geographic areas.

The IBIS Smart-binder: **what can it do?**

Finished booklet output (or delivery of sigs to optional perfect binder)



Sheet input from Tecna web cutter (or sheet feeder)

- Produces high quality **saddle-stitched (or glued) booklets** with page-counts variable on-the-fly from **4 to 200 pages**
- Individual **sheet folding** and optional for **individual sheet gluing**
- **100% booklet integrity** for personalized booklets
- Web speeds up to **650 f.p.m.**

The IBIS Smart-binder: **what can it do?**

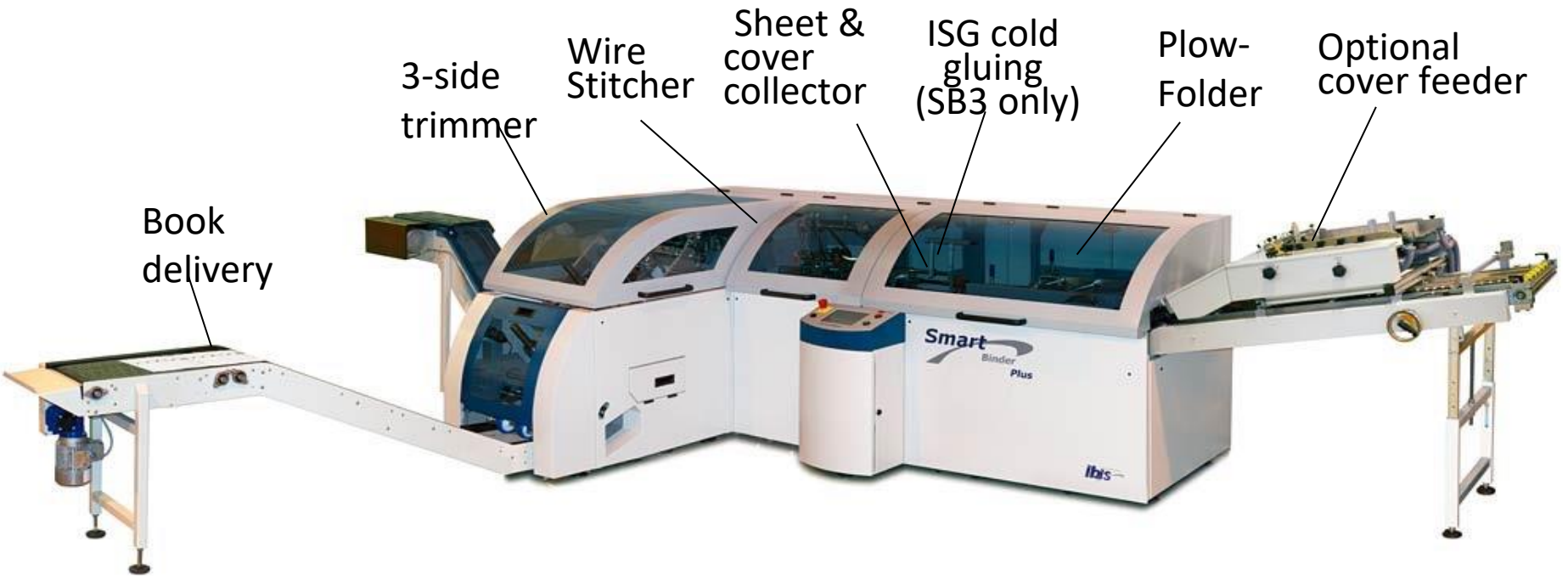
Finished booklet output (or delivery of sigs to optional perfect binder)



Sheet input from Tecnaue web cutter (or sheet feeder)

- Output speeds up to **7,000 booklets/hr** (1-up)
- **In-line, near-line or off-line operation**
- **Multiple different binding options** (stitching, gluing etc.)

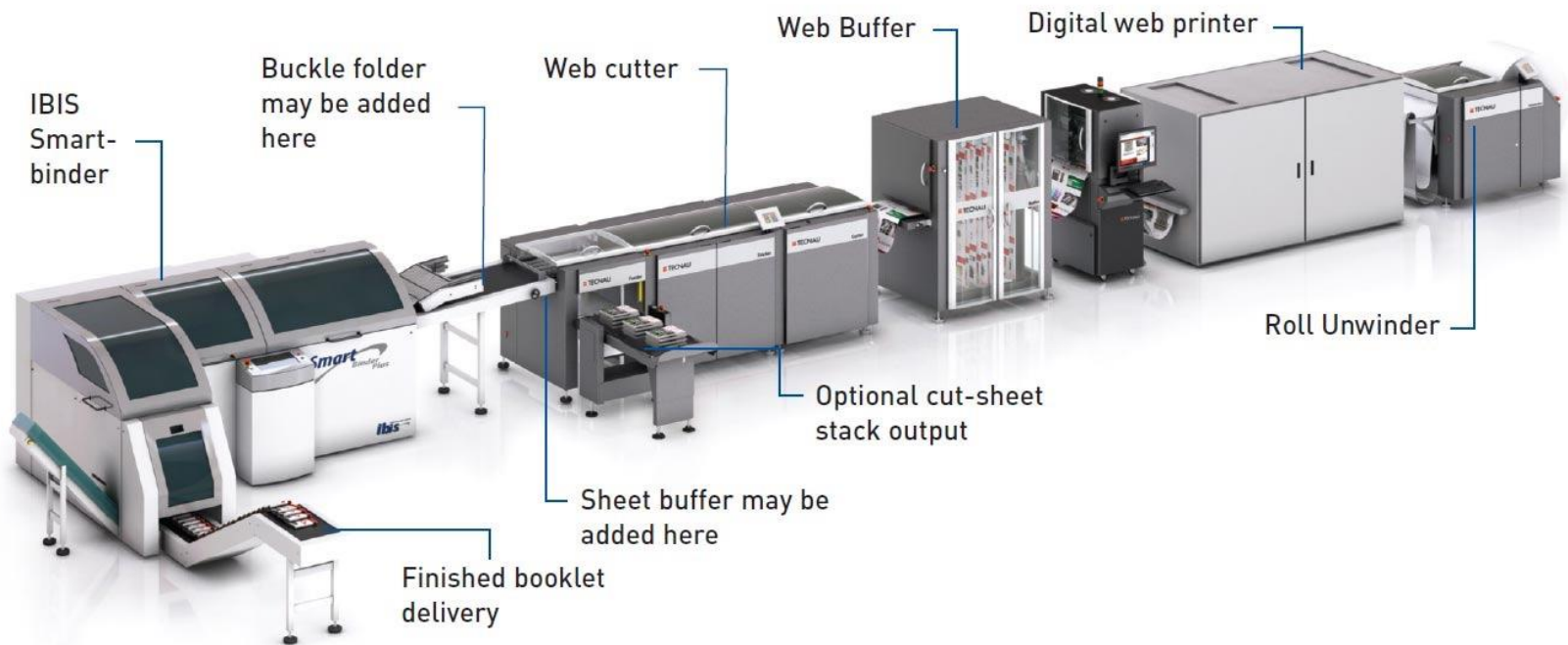
Smart-binder **modules**



For wire -stitched or ISG cold-glued books up to 10mm thick

In-line Smart-binder

In-line Smart-binder fed directly from digital printer and web cutter



Near-line Smart-binder

Near-line Smart-binder fed directly from roll unwinder and web cutter

IBIS Smart-binder

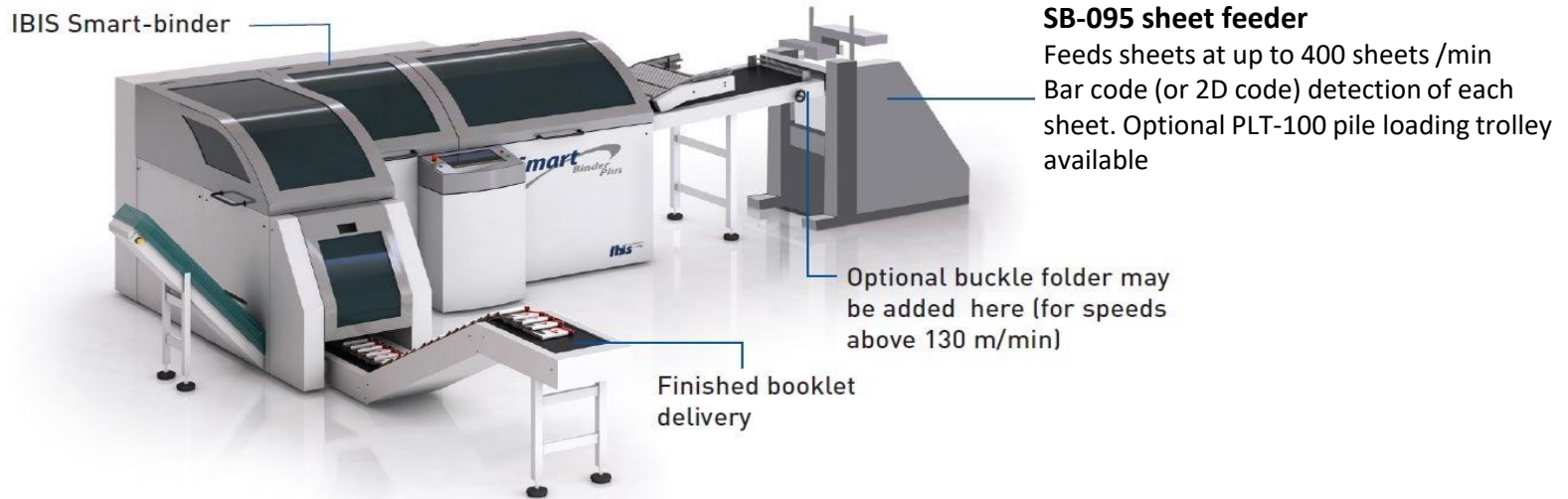
Tecnau web cutter

Tecnau unwinder



Off-line Smart-binder

Off-line Smart-binder fed directly from sheet pile feeder

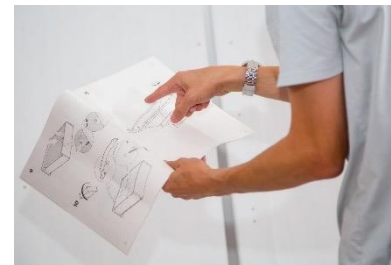


Smart-binder **market segments**

The Smart-binder is ideal for all **short-run** or **time-critical** printing

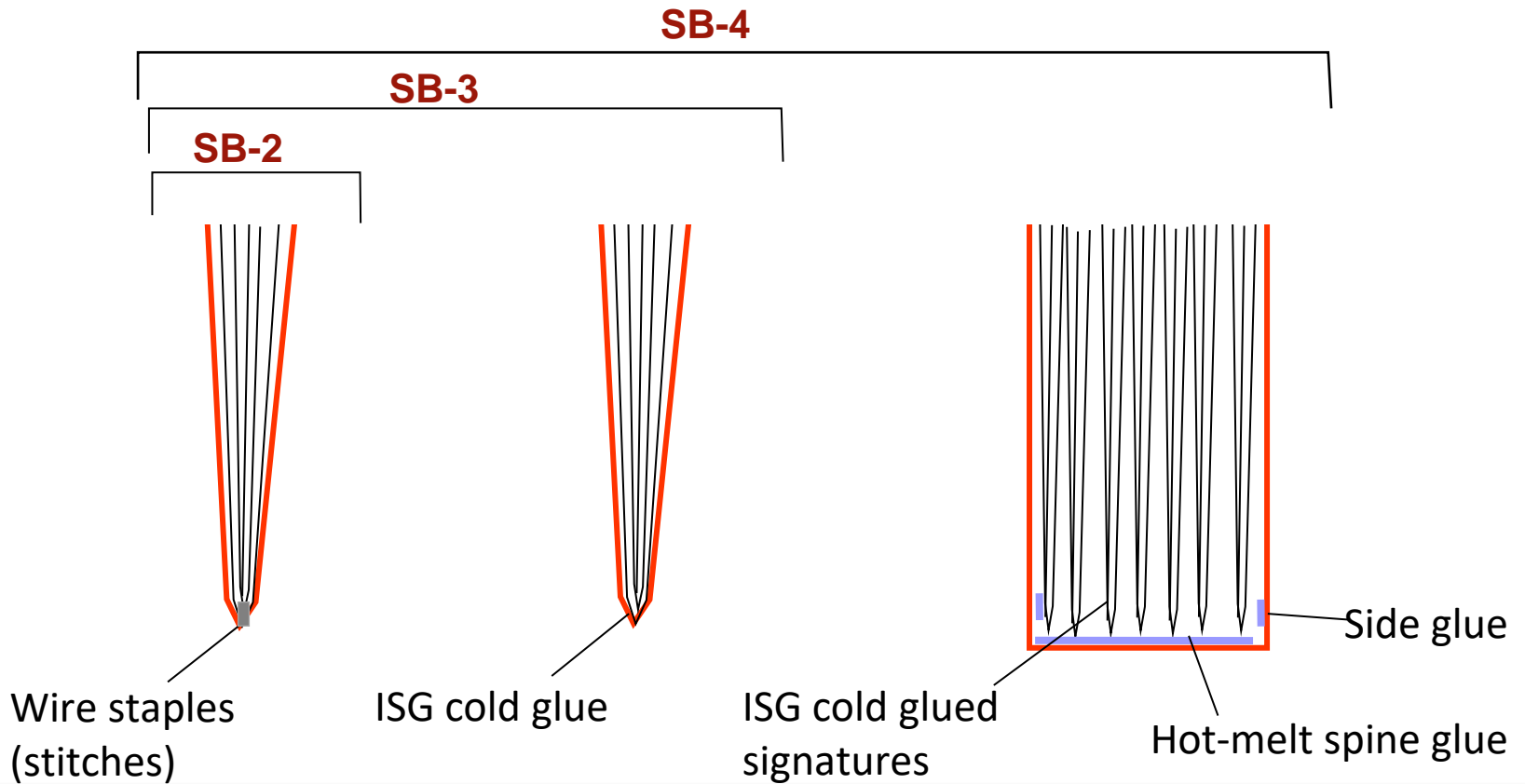
Most common Smart-binder Applications

- Healthcare and medical insurance
- Exam papers
- Other insurance documents
- Church bulletins
- Product Manuals
- Legal and Financial documents
- Government papers
- Music books, Pharmaceutical booklets, short run magazines, etc.





Multiple binding options available

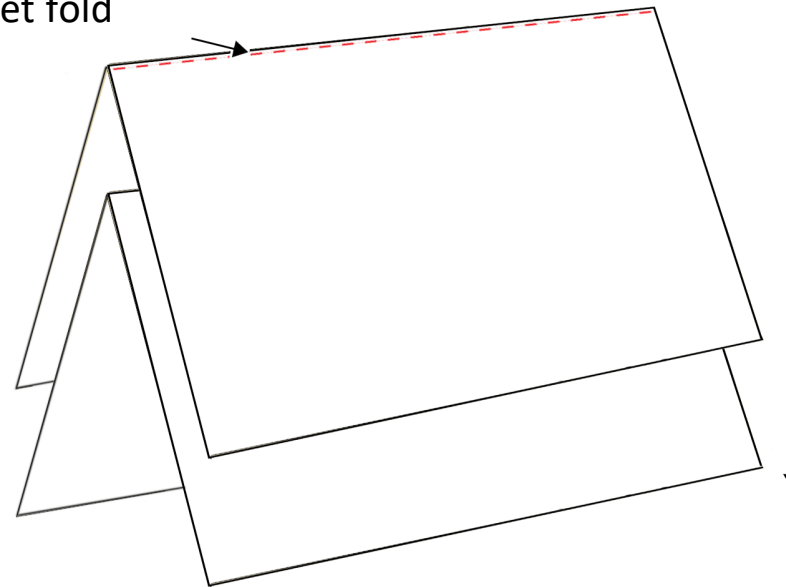




Unique, patented **ISG (Individual Sheet Gluing)**

Produces a booklet with better “lay flat” characteristics –
an advantage for mailing operations

Micro-dot pattern of ISG cold glue is applied
on the **inside** of the sheet fold



Sheets are then collected
and pressed together to
create a signature, OR
“stitchless” booklet

Smart-binder book quality

72-page booklet made on the IBIS Smart-binder at IPEX 14 (using individual sheet folding and ISG glue binding)



44-page booklet made on the Horizon Stitchliner at IPEX 14 (wire stitched)

IBIS Product **Customization**

- The Smart-binder may be customized for **individual applications**. Special design features will be added as needed.
- The Smart-binder can be integrated with 3rd-party systems: envelope inserters, knife folders, stackers, wrappers, tabbers ... and other modules



Best Graphics proudly represents IBIS Variable Page Bookletmakers, backs them with an 18-month warranty, and offers post-sale *Parts & Service* support.

Contact –

(262) 522-3330 ext. 1005

MarkS@BestGraphics.net

