

# Digital printer's investment proves To be a winner: Punching & Collating Automation Reliable, Predictable & Employee-Friendly

*"Honesty is the first  
chapter in the book  
of wisdom."*

*-Thomas Jefferson*



Editorial RENEUEVO LLC is an on-demand digital printer providing Success Oriented materials. These printed materials provide life changing knowledge to thousands of people around the world. They include Books, Success Planners, Leadership Agendas, Personalized Notebooks, Motivational Posters and more.

## Reduced Finishing Job Labor by 50%

### Executive Summary

Since installing the [Tornado Autopunch EX®](#) three months ago, [Editorial RENEUEVO](#) in California has replaced their existing Chinese-branded punches and eliminated costly manual finishing steps for their finishing jobs. The savings metrics include:

- ♥ Reduced finishing job labor from 2 people to 1 person, saving 50%.
- ♥ Additional labor savings associated with the 1 operator being able to "load up the EX" and let it run while they are completing other tasks. Elimination of manual processes: auto-collation of covers with document pages, auto-punching and offset book separation.
- ♥ Reliable and predictable job set-up/runs – staff have been trained and can fully operate the system without Management oversight.

*"You've given us a profitable tool for  
our company and we are grateful!"*



**BORDEN  
NEWMAN**

*CEO and Production Manager  
Fresno, California*



## Challenges

Editorial RENUEOVO LLC is a multi-million dollar digital printer with 23 full-time employees producing between 50-90K books per month. They provide bound applications such as Day-Timer's, notebooks, manuals and calendars for companies such as Amway and Signature Equipovision and their network of independent business owners. The training and education applications are wire-bound and include:

- ♥ Lined Notebooks: 100lb. Card Stock Front & Back  
Covers with UV-Coatings and 50 sheets of 65lb. text
- ♥ Day-Timer's: 100lb. Card Stock Front & Back  
Covers with 350 inside pages (50lb.)
- ♥ 7/8" Wire-bound Color-printed Manuals
- ♥ 4" x 6" Wire-bound Pocket Day-Timer's

Prior to the Tornado Autopunch EX®, the finishing process required a series of manual steps by trained operators. All of the front and back covers were manually punched on electric Chinese-branded punch machines and then hand-collated into each book. Inside pages were also hand-punched on a desktop punch, separated into books and bound. These jobs required at least 2 operators and took multiple days to turnaround.

## The Solution

When Editorial RENUEOVO installed the EX it was not without skepticism from the operators. They were concerned with learning a new system. During installation, Rhin-O-Tuff provided the staff with training on the machine, how it runs jobs and the graphic user interface. *"The best teacher is experience itself. We have found the Tornado to be reliable, predictable and easy to run – so much so that the staff runs it all by themselves!"* The operators were so impressed with the reliability of the sheet counter in the event of jams. Clearing the machine and resuming the job was simple. The operators have put the Chinese equipment to the side and now run everything on the EX.

## The Results

*"It just works – we are very happy & satisfied!"* says Borden Newman. *"I have appreciated the personal interest and contact with my company. It's impressive! It speaks volumes about Rhin-O-Tuff!"*

## For More Information

Please visit [www.rhin-o-tuff.com](http://www.rhin-o-tuff.com) or call us at 800-390-5782.



**As Seen In**

SEPTEMBER 2018

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## Tornado Terminates Hand-Collating in Baton Rouge

**P**roducing the general fund budget book for the **East Baton Rouge Parish School System** is no simple task for its in-plant. With 10 tabs and a UV-coated front sheet, that book used to be cumbersome for Production Manager Chad Simpson and his seven employees in the Graphic Arts Department.

Since the shop's HP Indigo 3550, HP Indigo 5r and two Xerox D95s could not run the tabbed sheets, each book's contents had to be collated manually. Simpson would have to pull staff off of other jobs for a few hours to hand-collate text pages, index tabs and UV-coated sheets for punching and spiral binding. Occasional errors were the price they paid. ►

Jeffrey Battaglia holds up a spiral-bound handbook that was collated and punched on the in-plant's Tornado Autopunch EX from Rhin-O-Tuff.





Many other projects required the same hand-collating process — theater programs with UV-coated covers and black vinyl sheets, or tax plan booklets with multiple dividers and inserts. Pulling staff to hand-collate these jobs inevitably slowed down productivity in other parts of the operation.

In April, Simpson finally put an end to all this by installing a Tornado Autopunch EX from Rhin-O-Tuff to automatically feed, collate, punch and deliver offset book stacks, ready for binding, using BDT Print Media's advanced media handling technology.

"It's a pretty cool machine," says Simpson. "This machine has two collating bins, plus a main feed bin."

His operators can place the index tabs, inserts and coated covers in the interposer bins, and the Tornado Autopunch EX pulls them in the proper order to produce collated stacks, ready to be run through the Gateway Bookbinding Systems PBS 3000QS4 automatic coil inserter. This not only allows a single operator to handle the entire process, it ensures pages are always in the right order.

"If the first book is right, they're all like the first book," Simpson says. "It makes it a lot easier to get these kind of projects out."

The system handles media from 60gsm to 312gsm, including light porous/heavy coated print media and specialty binding media like plastics, vinyl and textures. The high-capacity main bin holds up to 2,500 sheets, including mixed media. The Autopunch EX punches up to 10,800 sheets per hour. All this has been a huge time saver for the in-plant.

"It doesn't take any more time than it would to punch a regular book than it does to punch a book loaded with all kinds of tabs and inserts," remarks Simpson. "It's all the same now."

The in-plant also recently added a Duplo 646 slitter/cutter/creaser, which has enabled it to keep more jobs in-house, such as tickets or greeting cards. The Duplo 646 has improved the quality of the booklets the shop produces.

"The creaser makes the cover look a lot more professional," Simpson says. It has also made it easier to cut business cards, he adds.

The in-plant has a booming wide-format printing business, utilizing a 64" CET Color Q5-250h hybrid UV flatbed printer, an HP Latex 365 printer and an Esko Kongsberg automated cutter. It has screen printing equipment as well — a 10-color M&R Sportsman screen press — which it uses to meet the high demand for garment printing.

"T-shirts are big," affirms Simpson.

—By Bob Neubauer

# Got Covers? Got Tabs? Got Docs? We Got the Answer!

The world's first collating autopunch by Rhin-O-Tuff® reduces finishing steps from 5 to 1, delivering an average of 40% in production efficiency savings.

This single platform automatically:

☞ Feeds ☞ Collates ☞ Punches ☞ Offset stacks  
while you walk away!



**"It just made sense. Why would you buy two machines when one machine does the part of 2!"**  
Quick Printer, South Carolina



Visit our Booth #609 at PRINT '18  
September 30 - October 2, 2018  
[www.rhin-o-tuff.com](http://www.rhin-o-tuff.com)

# FRANCHISE PRINTER roi: Punching & Collating Automation Reduces Labor



**ALLEGRA.**

MARKETING • PRINT • MAIL

Allegra Centers provide graphic design, printing, mailing, promotional products and marketing services needed by virtually every local business and institution.

*“This is our giant crock-pot – you just set it and forget it, and let it go! I am cutting down the labor ten-fold which will pay for itself in a matter of months, if that.”*



**AARON  
STORY**

General Manager  
Spartanburg, South Carolina

## Improved Customer Service with 75% Faster Job Turnaround

### Executive Summary

In one short month since installing the [Tornado Autopunch EX®](#), [Allegra Spartanburg](#) in South Carolina has improved customer service and eliminated costly manual finishing steps for their most complex documents requiring punching and binding. The savings metrics include:

- ♥ Reduced job turnaround time from 4 days to same-day, saving 75%
- ♥ 10X's labor savings by eliminating manual collation of index tabs, covers and book separation and automating punching.
- ♥ Easy set-up with zero downtime allows trained operators to focus on other tasks while the Tornado Autopunch EX® runs in the background.





## Challenges

Allegra Spartanburg services a large corporate customer whose 400+ locations order Series Training Manuals from their on-line platform. 200 manuals is the average order quantity. The training manuals are coil-bound and include several varying components:

- ♥ Clear Acetate Front Covers
- ♥ Black Vinyl Back Covers
- ♥ 100lb. Card Stock Title Sheet – printed full-color with bleed
- ♥ Inside Content Pages – from 110 to 306 pages printed on 20lb. bond black & white
- ♥ Copier Tabs – 2/6/8/or 12 full-color printed index tabs

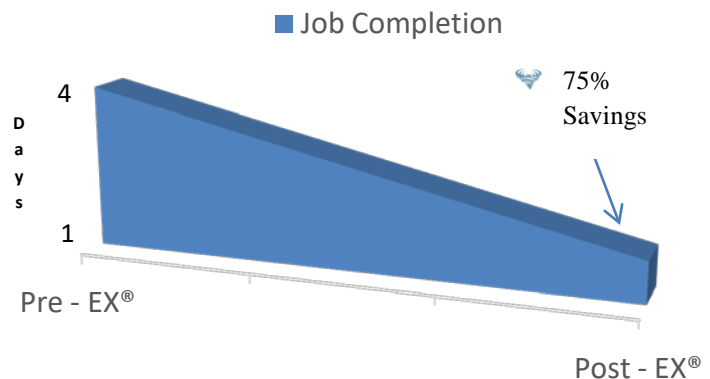
Prior to the Tornado Autopunch EX®, the finishing process required a series of manual steps by trained operators. All of the index tabs were hand-collated into each booklet, as well as front and back covers. The documents were then hand-punched on a desktop punch, separated into books and bound. Each book took nearly 6 minutes to finish and the total job turnaround was up to 4 days.

## The Solution

Now, with the auto-collation and punching features on the [Tornado Autopunch EX®](#), Allegra Spartanburg can complete these jobs same-day. Title pages and index tabs are automatically collated into the inside pages and are offset stacked, eliminating the hand-collating and book separation steps. Front and back covers are collated on the EX using the [“Collate- Only” mode feature](#) which allows printers to collate media without punching. These covers are then added during the final binding stage. The entire finishing process has been streamlined with less labor.

## The Results

*“I love it!” says Aaron Story. “I am cutting down the labor in ten-fold. The Tornado Autopunch EX has already saved us so much time. I appreciate this machine and am glad to have it. Thank you for doing the research to find out what we in the industry needed.”*



## For More Information

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