TORNADO AUTOPUNCH EX

RHIN-TUFF®

ATLANTIC GRAPHIC SYSTEMS

TORNADO AUTOPUNCH EX

AUTOMATIC PUNCHING

AUTOMATIC COLLATION

AUTOMATIC BOOK SEPERATION

INCREASED PUNCH QUALITY

REDUCED LABOR

IMPROVED WORKFLOW

01	Digital Set up	The intuitive digital user interface simplifies job programming, allowing for effortless setup. Jobs can be saved for quick recall and easily customized to accommodate minor variations in book configurations.
02	No Tools	Both interposers and the main bin are equipped with side adjusters that allow operators to easily tap and square media during loading. The loading mechanism eliminates the need for tools.
03	Mixed Media	The flexibility of custom sheet sizing allows users to seamlessly create books with oversized tabs and covers by combining different media sizes for a variety of unique jobs.
04	Collate Only	Collate Only Mode excels at assembling materials like brochures or pamphlets that don't need hole punching. Ensures precise and efficient collation, making it ideal for creating professional, hole-free documents.
05	Autonomous	The Tornado performs punching, collation, and offset stacking autonomously. The operator can then focus on binding books simultaneously without the need for constant monitoring, increasing overall workflow efficiency.
06	Error Correction	The user interface guides the operator in resolving issues such as paper jams and multipicks with precision. This intelligent error correction capability enhances operational efficiency by minimizing downtime and ensuring smooth, uninterrupted production.

1 ERROR-FREE FINISHING PROCESS

By automating the collating and punching steps, the Tornado Autopunch EX® eliminates the risk of manual errors during the assembly of book components. Businesses can ensure that every book is accurate and consistent throughout, improving overall quality and customer satisfaction.

2 STREAMLINED WORKFLOW MANAGAMENT

The Tornado Autopunch EX® improves workflow management, particularly for time-sensitive projects. It enables businesses to handle high-demand periods more efficiently, meeting deadlines and delivering high-quality finished products promptly.

3 VERSATILE & EFFICEIENT PROCESSING

With the Tornado Autopunch EX®, businesses can process a wide range of media and book components more efficiently. It eliminates the challenges associated with manual insertion, enabling concurrent printing, punching, collating and binding for faster production processes.

FINISH OVER 100+ BOOKS AN HOUR

Whether you're working with varying book sizes, media types, or binding styles, our solution stands unrivaled. Achieve remarkable output, effortlessly producing over 100 books per hour on most document configurations.

ELIMINATE MANUAL COLLATION

Are you tired of the tedious, labor-intensive, and time-consuming process of manual document collation? We understand the challenges you face and are excited to introduce the Tornado Autopunch EX – a revolutionary solution that can free you from the burdens of manual collation during the book building process.

REDUCE LABOR COSTS BY UP TO 40%

The Tornado Autopunch EX effortlessly collates and punches a diverse range of documents, spanning from essential business reports and day planners to sleek pocket calendars, agendas, and detailed instruction manuals.

The Tornado Autopunch EX streamlines print production processes, boasting the ability to produce over 100 books per hour across most document configurations. By leveraging automated punching and binding equipment, businesses can enhance productivity, reduce labor costs, and ultimately improve profitability in the new year and beyond.

IMPROVE PRODUCTIVITY & COST-EFFECTIVENESS

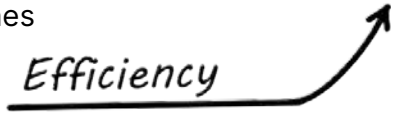
The Tornado Autopunch EX® significantly reduces labor requirements by automating the collating and punching steps. This translates to substantial cost savings for businesses, with the potential to reduce the workforce by 50%.

INCREASE EFFICIENCY & COST SAVINGS

The Tornado Autopunch EX® sets itself apart from other autopunches by offering a built-in collation feature. Unlike competing solutions, the Tornado Autopunch EX® streamlines more of the finishing process by automating both collating and punching steps.

ENHANCE PRODUCTION EFFICIENCY THROUGH AUTOMATION

The Tornado Autopunch EX is a game-changer in the bookbinding industry, and it's the perfect solution for your customers looking to boost their production efficiency. With the Tornado, operators can seamlessly bind books while the machine handles punching, collating, and offsetting tasks autonomously. This impressive automation streamlines their workflow, significantly reducing labor requirements.



Emphasize to your customers that this increased efficiency translates to faster turnaround times, lower production costs, and the ability to take on more projects, ultimately driving higher profits.

STREAMLINED

REDUCE EMPLOYEE FATIGUE FOR IMPROVED RETENTION

Employee turnover due to operator fatigue is a common concern for businesses in the bookbinding industry. As a dealer, you can position the Tornado Autopunch EX as the solution to this problem. Share with your customers that many employers struggle with high turnover rates because of the physically demanding nature of collating and slip sheet insertion tasks.

By introducing the Tornado to their workflow, they can significantly reduce operator fatigue. This not only creates a more comfortable and safer work environment but also leads to better workforce retention, reducing recruitment and training costs and ensuring a more stable and experienced team.

MAXIMIZE FLEXIBILITY TO MEET VARIABLE WORKLOADS

The Tornado Autopunch EX offers unmatched flexibility, making it an ideal choice for businesses looking to handle variable workloads effectively. Highlight to your customers that this machine allows for quick job setup and loading, enabling them to adapt seamlessly to peak demand periods. Additionally, the Tornado's ability to handle a wide range of media types and sizes gives your customers the versatility they need to meet diverse project requirements.

By reducing operator fatigue, their workforce can maintain productivity and quality even during busy times. With the Tornado, your customers can confidently take on more projects and capitalize on revenue opportunities while keeping their customers satisfied.

CASE STUDIES

Editorial RENUEVO in California saw remarkable results with the Tornado Autopunch EX®. They reduced finishing job labor by 50%, with one operator now handling tasks previously done by two.

Allegra Spartanburg achieved remarkable results with the Tornado Autopunch EX®, including a 75% reduction in job turnaround time. Production Manager Aaron Story noted its contribution to cutting labor costs tenfold and improving overall efficiency in the finishing process.

AlphaGraphics, TN a Top 10 franchise printer, saw immediate ROI with the Tornado Autopunch EX®. Since installation, they have experienced:

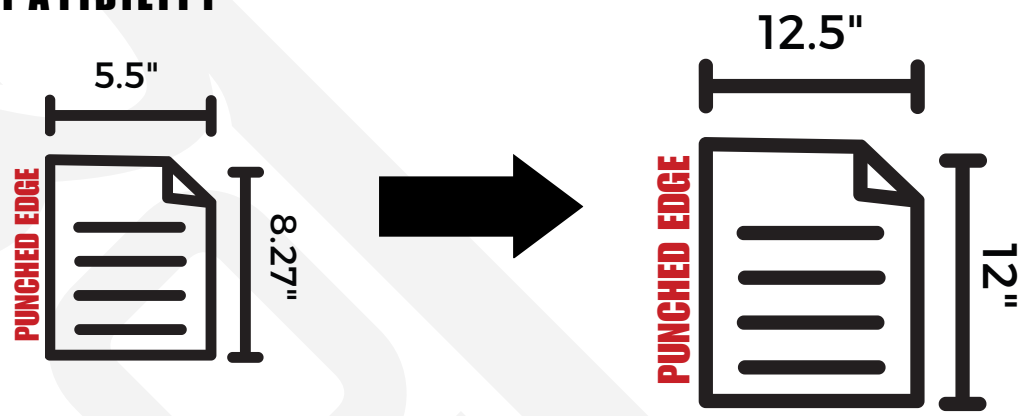
- Elimination of overtime and the need for a 2nd shift for large punch and bind jobs.
- 50% faster job turnarounds & labor savings on 95% of jobs, with hand-collation of index tabs now automated.

THE STORY BEHIND THE TORNADO AUTOPUNCH EX

For over three decades, Rhin-O-Tuff has maintained its distinguished status as a premier manufacturer of punching and binding equipment, recognized for its unwavering dedication to quality and reliability. Drawing upon this rich legacy, the development of the Tornado Autopunch EX was driven by a singular mission: to empower businesses by streamlining labor-intensive processes and automating critical aspects of the document finishing workflow, including punching, collating, and offset stacking. The Tornado Autopunch EX now proudly displays the label "Made in the USA"!

Acknowledging the inherent challenges faced by businesses grappling with manual document finishing tasks, Rhin-O-Tuff embarked on a mission to redefine industry standards with the Tornado Autopunch EX. Recognizing the pressing need to enhance operational efficiency and reduce dependence on labor-intensive methods, this groundbreaking machine represents a paradigm shift in print production technology.

MEDIA COMPATIBILITY



SHEET SIZES	PUNCHED EDGE: 8.27" (210MM) TO 12" (305MM) UNPUNCHED EDGE: 5.5" (139.7MM) TO 12.5" (317.5MM) INDEX TABS: UP TO 1/2" (12.7MM) TAB EXTENSION
MEDIA TYPE	60 - 312 GSM INCLUDING: UNCOATED BOND PAPER, TEXT/OFFSET COATED PAPER PLASTIC (ACETATE/PVC) & VINYL COVERS/TABS *PLASTIC MEDIA MUST BE RUN FROM AN INTERPOSER BIND ONLY
MAIN BIN CAPACITY	UP TO 2500 SHEETS OF 75GSM (20LB.) BOND
INTERPOSER CAPACITY	UP TO 1" (25MM) OF COVERS/INDEX TABS/INSERT SHEETS
OFFSET STACKER	UP TO 2700 SHEETS OF 75GSM (20LB.) BOND

ELIMINATE 4 MANUAL STEPS

1. NO MANUAL COLLATION OF COVERS, INDEX TABS AND INSERTS
2. NO MANUAL PUNCHING OF COVERS, INDEX TABS OR INSERTS
3. NO MANUAL SEPARATION OF BOOK STACKS AFTER PUNCHING
4. NO MANUAL PAPER LIFT PUNCHING

TORNADO AUTOPUNCH EX SPECIFICATIONS

7" TOUCHSCREEN DISPLAY	7" (178MM) TOUCH FUNCTION COLOR DISPLAY. JOB SET-UP & MONITORING: QUICK START MODE, PRESET MEDIA TYPES, JOB STATUS. DISPLAYS PUNCH/DIE CYCLE COUNT AND CHIP BIN STATUS.
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INTERPOSER CAPACITY	UP TO 1" (25MM) OF COVERS/INDEX TABS/INSERT SHEETS
MAIN BIN CAPACITY	UP TO 2500 SHEETS OF 75GSM (20LB.) BOND
PUNCHING SPEED	UP TO 10,800 SHEETS PER HOUR!
INTERCHANGEABLE DIE SETS	LETTER (US) AND A4 (INTL) FORMATS IN 9 BINDING STYLES
OFFSET STACKER	UP TO 2700 SHEETS OF 75GSM (20LB.) BOND
WEIGHT **DIMENSIONS** **VOLTAGE**	APPROX. 700LBS (317.5 KGS) 29.5" (750MM) WIDTH | 50.3" (1279MM) DEPTH | 57.7 (1466MM) HEIGHT 115 VOLT 60HZ | 230 VOLT 50 HZ
WARRANTY	1-YEAR LIMITED WARRANTY

DIE SET SPECIFICATIONS

DIE SET STYLES	19/21 HOLE PLASTIC COMB 4:1 COLOR COIL - ROUND AND OVERSIZED OVAL HOLE (.2475" OR 6MM) 3:1 TWIN LOOP WIRE - SQUARE AND ROUND HOLE 2:1 TWIN LOOP WIRE - SQUARE AND ROUND HOLE 11/12 HOLE VELOBIND LOOSE-LEAF - 3-5-7 HOLE AND 2-HOLE MEDICAL (8.5" SIDE) LOOSE-LEAF - A4 2-4 HOLE
RFID CHIP	DISPLAYS DIE SET TYPE IN LCD SCREEN TRACKS/DISPLAYS # OF PUNCH CYCLES/DIE SET
DISENGAGEABLE PUNCH PINS	PINS PULL OUT FOR VARYING PAPER SIZES
STORAGE	INTEGRATED STORAGE FOR UP TO 4 EXTRA DIE SETS

***Mixed media includes bond paper, text, covers, and index tabs that are plain or coated from 60gsm – 312gsm. Plastic media of any type (PVC, Linear Polyethylene, Polypropylene, etc.) must be run using one of the 2 Interposer Bins on the Tornado Autopunch EX. Plastic media cannot be run mixed with other media from the high-capacity main bin.**

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