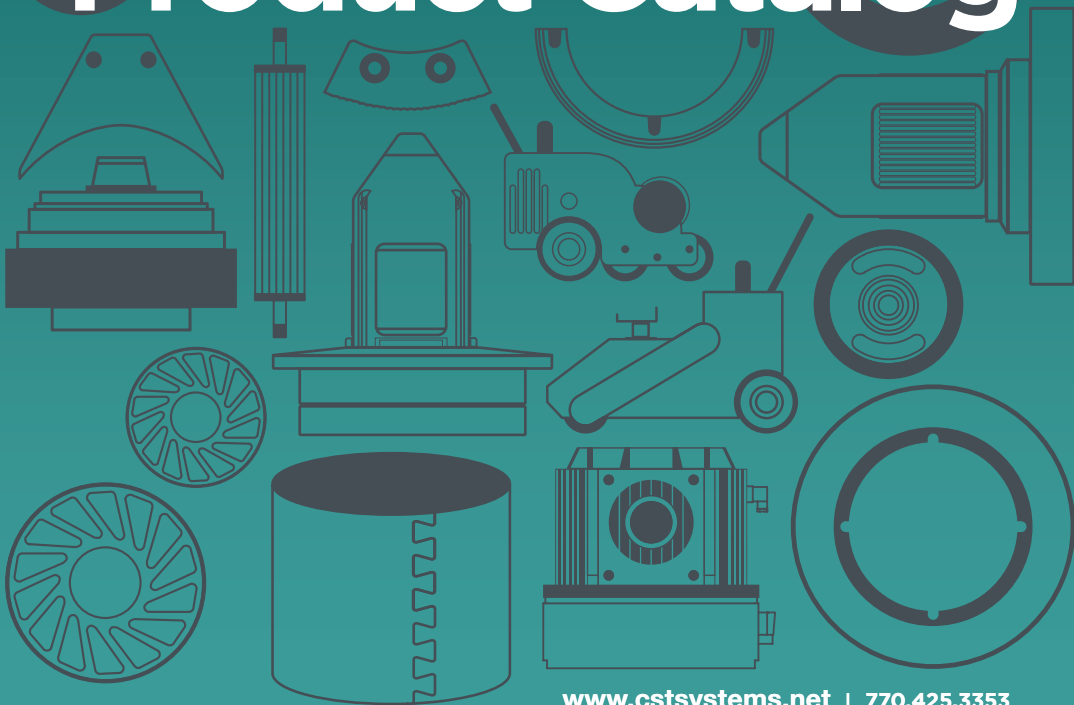


Corrugated and Converting Product Catalog



Do you know what's possible?



CST Systems

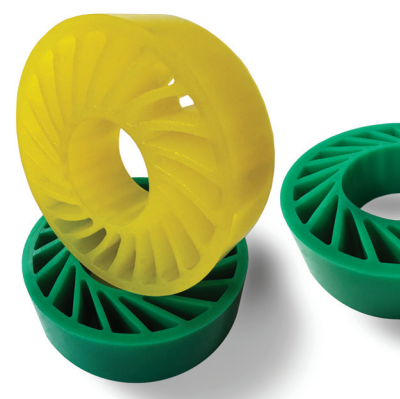
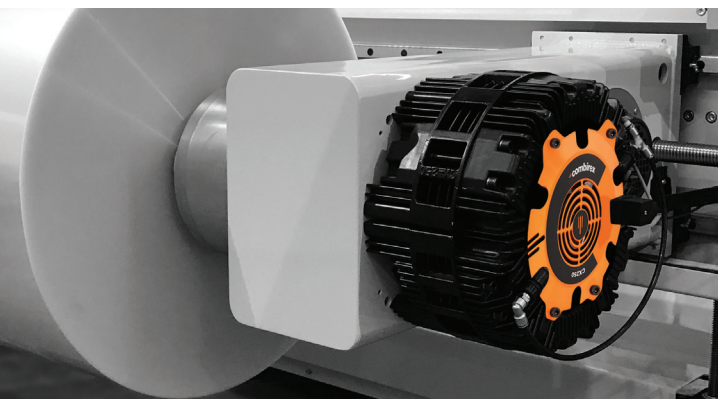
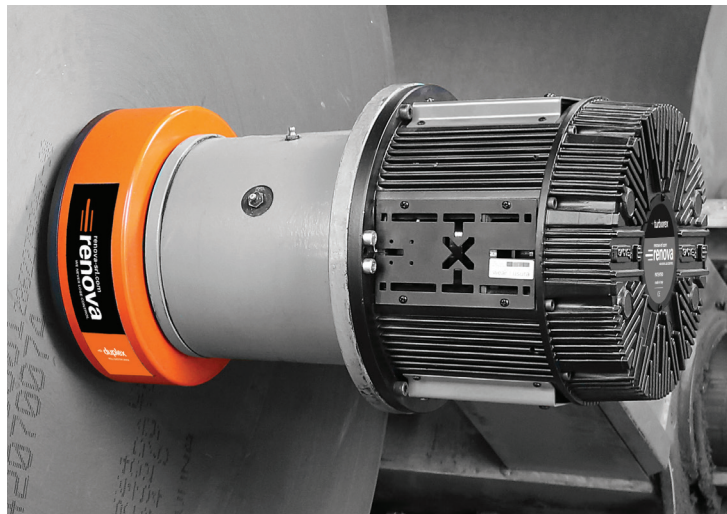
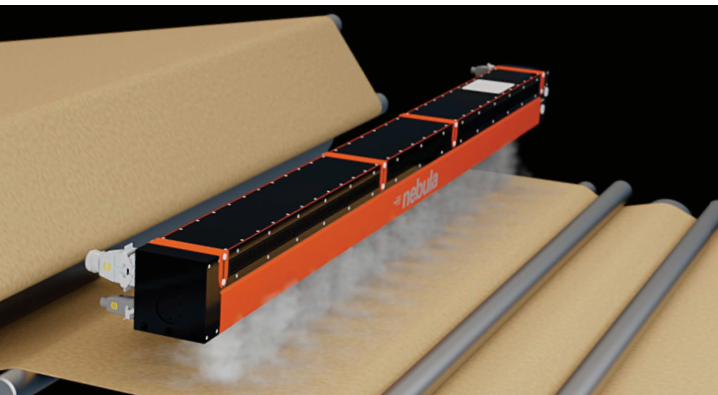
For over 20 years, we've served the corrugated industry with innovation and technology from leading global manufacturers.

Founded in 2002, we became the US distributor of IBD Wickeltechnik's **C**hucks, **S**hafts and **T**ension controllers, hence CST Systems. We chose to differentiate ourselves by partnering with respected global manufacturers, giving our customers the competitive edge and bringing exclusive product lines to the US market.

It's been over 20 years and CST Systems continues to grow and evolve to serve the corrugated industry. We've formed long-term relationships with our suppliers, and our customers rely on our experience, technical expertise and commitment to excellence. Our world-class support team includes top-notch engineers and field service technicians. Our representatives work throughout the USA, Canada, Central America and the Caribbean.

Whatever your corrugating or converting needs, we've got you covered! Discover the advantages of CST Systems. Let us show you what's possible.

CST Systems FEATURED PRODUCTS



CST Systems offers a complete range of products — from Roll and Cart Movers to Chucks, Brakes and OEM-Quality Converting Knives and Slitter Blades.

FEATURED PRODUCTS

- 04 Turborex**
PATENTED PNEUMATIC BRAKE
- 10 Combirex CX250**
PNEUMATIC TENSION BRAKE
- 12 Revolution**
PATENTED HYBRID BRAKE
- 16 Moviroll • Movicart**
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PATENTED PNEUMATIC BRAKE

Turborex, a pioneer of Renova's eco-friendly brakes, suits any tension or speed application, keeping consistent web tension.

Renova has secured an international patent for its Turborex technology, featuring a multi-disc system and double fan ventilation.

Since 2005, Turborex has evolved with continuous research and improvement by collaborating with the most important machine builders and end users.





MULTI-DISC SYSTEM

The double fan ventilation system reduces operating temperatures and pad wear. Torque is distributed evenly over multiple surfaces, allowing for homogeneous pad wear and consistent performance.

HIGH PERFORMANCE

The combined effect of the patented multi-disc self-ventilating system, forced air cooling, and external wear sensor work together to allow for an average operating life of 3-5 years for brake pads.

ADVANCED TECHNOLOGY

Improved unwinding efficiency
Improved web tension control at any line speed





HIGH POWER DISSIPATION

Up to 18.8 hp

MAXIMUM SENSITIVITY

Customizable piston configuration according to torque requirements

100% PLUG AND PLAY

Multiple air connections; turborex matches all existing control systems

LINEAR TENSION CONTROL

No stress brake components providing high performances through the whole working process

SOUNDLESS OPERATING

No noise emission during the working process

REDUCED MAINTENANCE

Disc and pad kits are designed to last

EASY AND FAST INSTALLATION

Customizable flanges to fit all roll stands. No modifications to the machine are required

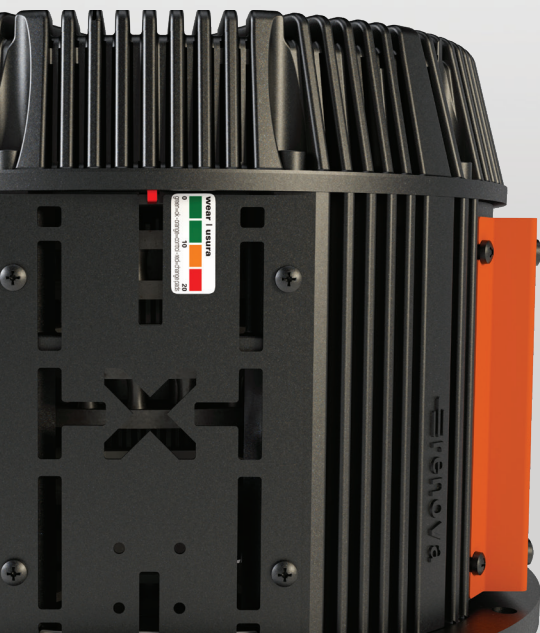


LONG BRAKE PAD LIFE SPAN

**Up to 42,000 working hours
with no maintenance***

Pads are a high-quality compound and RoHS compliant: free of asbestos, hexavalent chromium, mercury, cadmium, antimony and lead.

*Based on real field experience.
Please check terms and conditions
on the instruction manual.



EXTERNAL PAD WEAR INDICATOR

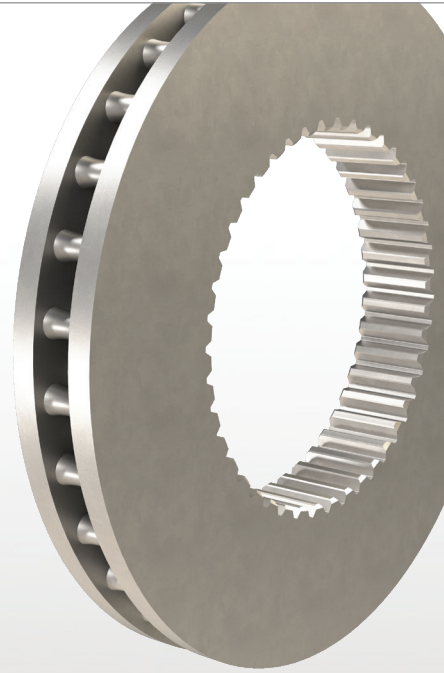
It's easy to see pad wear without
opening the brake. Parts replacement
in less than 5 minutes.

No more caliper disassembly.
No more disc extractor.

HD HEAT DISSIPATION DISC

HD discs (rotors) are self-ventilating, creating even higher heat dissipation by quickly conveying the hot air to the outside.

The combined effect of the patented multi-disc self-ventilating system, forced air cooling, and an external wear sensor extends the average brake pad life to 3–5 years.



SIMPLE PISTON DESIGN

Only three components—piston, cylinder and seal. The minimal number of components allows for easier and reduced maintenance procedures.



Owner's Manual



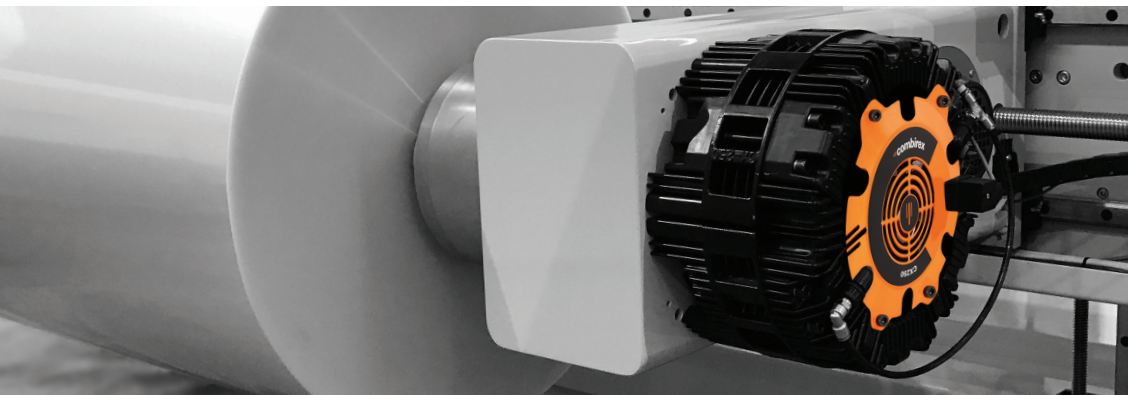


PNEUMATIC TENSION BRAKE

Renova's Combirex CX250 pneumatic brake has been a standard in the converting industry for decades and is still widely used on unwinders and various other applications.

It was designed by Giampiero Re in the '80s, the same person who founded Renova in 2005. He applied an innovative axial fan ventilation system to the CX mono disc brake, increasing cooling speed, reducing pad wear, and improving web tension quality compared to previous brakes without a cooling fan.

Today's Combirex CX250 is the result of continuous research and improvements. Great care is taken in selecting the best materials to provide the highest performance and minimize component wear.





MULTI-DISC SYSTEM

The Combirex CX250 is a monodisc, multicaliper air cooled brake. It reaches a maximum torque of 708 ft.lbf and a power dissipation of 6 hp.

OPTIONS AVAILABLE

Combirex CX250 is available with up to 6 calipers according to the torque needed. Moreover, a selection of diverse HP fan models is available in order to reach different heat dissipation values.

revolution

PATENTED HYBRID BRAKE

Introducing the Revolution Hybrid Brake—a groundbreaking innovation featuring a patented braking system that not only replaces pneumatic energy but also recovers and redirects the typically wasted energy back into the plant's power line. This revolutionary technology eliminates heat and dust, ensuring a more sustainable and efficient operation.

Beyond its energy-saving capabilities, Revolution offers numerous advantages, including seamless splicing without paper tearing, 25% faster line speed, enhanced product quality, consistent web tension control, zero maintenance requirements, and an elevated safety standard.





SPLICE FASTER

Revolution uses its motor to axially accelerate the roll, in the direction of the splice, in order to overcome initial inertia and splice at higher line speeds without the risk of paper tearing. Splice up to 25% faster!

HIGHER SAFETY LEVEL

Revolution pre-tensions roll at the push of a button, eliminating the need for manual pre-tensioning by the operator. After the splice, the motor reverses and rolls any remaining paper back onto the core, so operators no longer have to manually roll up slack or risk injuries from unsafe movements.

HYBRID REGULATION

The patented system automatically adjusts to the application's needs. The brake and motor always work together, combining efforts in variable ways over time. The pneumatical brake understands the braking torque needed by the application and the motor intervenes in accordance.



MULTI-DISC PNEUMATIC BRAKE

HIGH DISSIPATION

As standard, Revolution is equipped with a multi-disc pneumatic brake. It has an innovative self-ventilating disc design and dual in-line fans for continuous airflow across pads and discs.

SUPPORT BRAKE

The brake supports the torque performance of the engine in daily operations or in the event of an emergency stop.

ENERGY RECOVERY MOTOR

REGENERATIVE BRAKING

During the braking process, the motor transforms the brake's kinetic energy, otherwise lost as heat, into electrical energy that can be reused in the plant's electrical line.

MAXIMUM PERFORMANCE

Revolution engine takes the lead in daily operations, always guaranteeing the required performances.

Scan for
ROI Calculator



The logo features two orange horizontal bars on the left, one above the other. To their right, the word "moviroll" is written in a bold, black, sans-serif font. Below "moviroll", the word "movicart" is written in the same bold, black, sans-serif font.

moviroll **movicart**

ROLL PUSHERS & CART MOVERS

Moviroll roll pushers and Movicart cart movers improve productivity, as they allow the operator to effortlessly and safely maneuver both large and small cylindrical loads, as well as carts.

They're ideal for moving paper and tissue rolls, wire and cable reels and drums as well as vehicles and carts, but they are also used to move loads in several other industrial applications.

A wide range of pneumatically and battery operated models plus a variety of options and accessories are available, all of them designed, manufactured and assembled on-site at Renova.



PLUG & PLAY

Quick battery changes in less than 10 seconds. Equipped with the highest quality lithium battery, it can handle 60-120 loads with only one battery charge (3-5 working shifts).

INDUSTRY BEST

MRE models feature an industry-best, two-year battery and motor warranty.

MATERIAL HANDLING MADE EASY

Battery roll pushers offer the advantage of free movement without the constraints of the pneumatic connections or electrical cables. A variety of models and styles are available to fit your operational needs.

Compact and handy, yet powerful enough to move up to 44,000 lbs, the MRE allows the operator to effortlessly move rolls on a flat surface or place them onto a shuttle cart.





VARIABLE SPEED

Speed to suit any operator needs



FORWARD AND REVERSE GEAR

Two separate and intuitive buttons shielded from dirt, dust and water



CHARGER STATUS INDICATOR

It's easy to see when the battery needs to be recharged



ON/OFF SWITCH

The switch preserves the battery charge without the need of removing the battery from the system



CUT FRAMES

The cut frames allow easy removal of the roller and roller bearings

OVERSIZED WHEELS

Larger wheels allow the operator to easily overcome any obstacles along the way

Owner's Manual





SAFE AND CONVENIENT

Movicart is a compact and handy system designed to safely push or pull your existing carts, on both wheels or rails, without additional effort from the operator, quickly engaging up to 11000 lb thrust force.





ON/OFF SWITCH

Switch preserves the battery charge

UP/DOWN BUTTONS

Cart gripper raising and lowering controls

MAX SPEED ADJUSTMENT

Speed adjusts to suit any operator's needs

FORWARD AND REVERSE GEAR

EMERGENCY STOP BELLY BUTTON

As a safety precaution, Movicart will automatically switch from reverse to forward if the button hits the operator

BATTERY STATUS LEDS

Easily see when the battery needs to be recharged

LIFTER

Place the Movicart under the cart to smoothly and securely hook it at the right height

OMNIDIRECTIONAL WHEELS

Effortlessly change cart direction

Owner's Manual





EXPANDING CORE CHUCKS

Designed for shaftless applications, for unwinding and rewinding of rolls of any size and material, Renova's core chucks deliver the most reliable web tension with minimum maintenance requirements. With robust parts, simple movements and best-in-industry jaw expansion, Renova chucks will outlast and outperform in every production environment.

Through customer feedback and collaboration with world-renowned machine builders, Renova designed Gripmatic core chucks, which deliver the best-in-industry grip of any core material and prevent core damage.

All models are 100% customizable and easily fit any application or need.

DIFFERENT CAM DESIGNS

Three distinct cam designs can be coupled with different adapters to compose the mechanical chuck that best fits your application needs. Each cam design uses a proven technology suitable for varied applications.

IMPRESSIVE GRIP

Gripmatic core chucks deliver the best-in-industry grip of any core material, prevent core damage and outperform in every production environment.





ROLL EJECTOR CHUCK

The Duplex roll ejector chuck, guarantees a perfect grip on any material core, eliminates paper waste and ensures safety during roll changes.

Duplex combines a torque-activated chuck with a pneumatic telescopic piston concentric to the mechanical chuck. It is designed to address the common difficulties that arise when loading and unloading rolls from roll stands. Optimizing paper production processes and reducing waste is fundamental for safeguarding the plant's economy as well as for pursuing ecological purposes.

No more slip-grip, jammed rolls or pinching at the pistons.



Watch Duplex
IN ACTION



NO-SLIP GRIP

Ensures grip to every core material from the first phase of the job. Duplex does not damage cores, allowing cores to be reused.

NO END-OF-ROLL WASTE

Duplex eliminates paper waste by minimizing core slippage and preventing lateral damage of the roll.

Duplex guarantees a perfect grip on any material core, eliminates paper waste and ensures safety during the roll change. Ensuring a no-slip grip and safe ejection of any size roll, Duplex eliminates the need for operators to manually remove stuck cores and reduces safety risks.



NO MORE JAMMED ROLL

Automated ejection of rolls of any size is always ensured, even in the case of damaged cores.

HIGHER SAFETY LEVEL

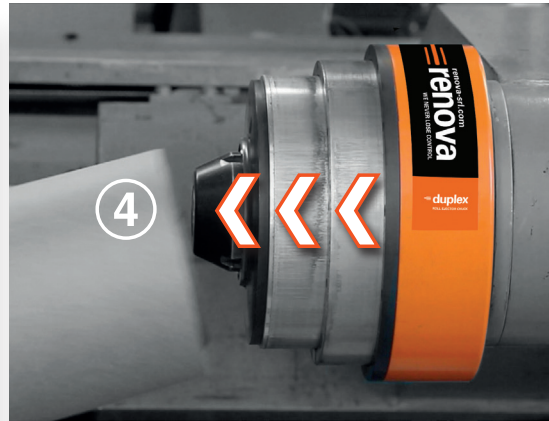
Duplex prevents injuries by eliminating the need for manual intervention with levers or other tools to remove blocked rolls.

Duplex's roll ejection process ensures seamless, damage-free core removal in just four steps.



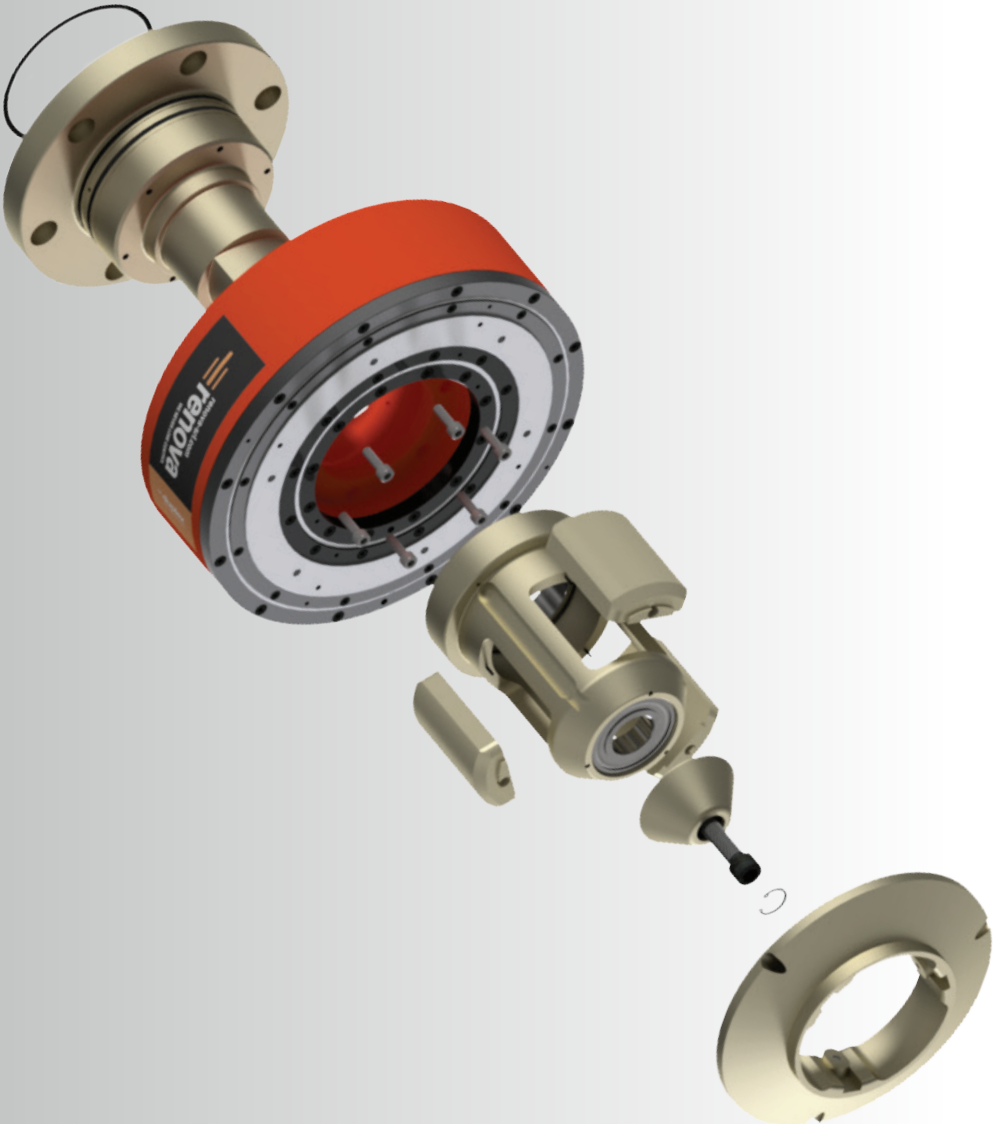
IMPRESSIVE EJECTION FORCE

Piston's coaxial thrust force of 2000 kg (first stage) + 1000 kg (second and final stage) at 6 bar, applied directly to the roll.



EJECTION FLANGE

New design carefully engineered to avoid any core and roll damages.



CORE CHUCK

The core chuck uses the movement of the reel to expand the jaws and automatically block and center the reel core

ROTARY CYLINDER

Rotary cylinder with a pneumatic telescopic piston that is concentric to the chuck

IMPRESSIVE EJECTION FORCE

Piston's coaxial thrust force of 4400 lb (first stage) + 2200 lb (second and final stage) at 87 psi, applied directly to the roll

NO-FALL-DOWN SYSTEM

Prevents the jaws dropping while removing the chuck cage for cleaning purposes

ANTI-UNSCREW CAP

The new system doesn't need Loctite glue for the cap installation which remains screwed on despite continuous vibrations

EJECTION FLANGE

New design carefully engineered to prevent core and roll damage

FASTEST GRIP EVER

Fastest core engagement in the industry: the tight clearance between core and chuck reduces engagement time



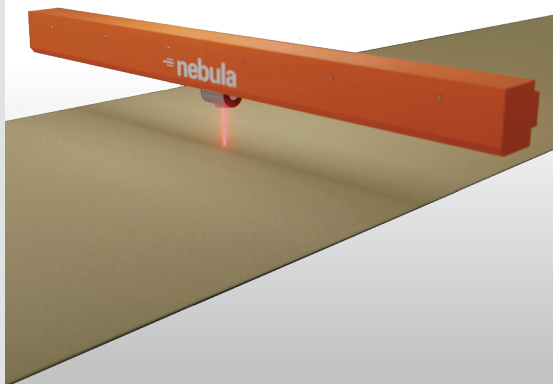
MOISTURE CONTROL SYSTEM

Nebula's advanced closed-loop technology utilizes specialized scanners that read moisture levels, temperature, and planarity of the corrugated board. Nebula reacts to those readings in real time automatically correcting any variations using its patented leak-proof moisture control system.

The combination of accurate real-time readings and targeted zone-by-zone moisture control work together to ensure reduced starch consumption, flatter board, and increased output.

HUMIDITY SCANNER

The humidity control scanner detects the corrugated board moisture and temperature data with an "S" movement that allows real-time value readings on the line at a controlled speed.



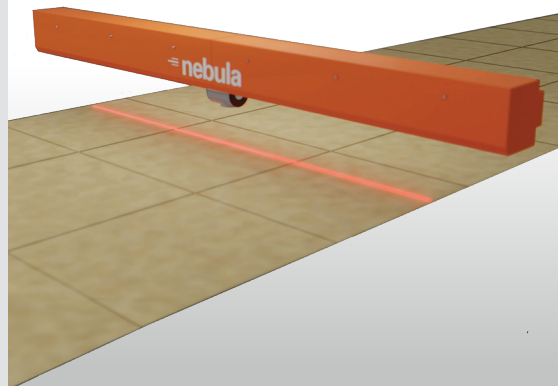


MOISTURIZER

Nebula's moisturizer emits jets of air and heated water spray to prevent the corrugated board from over-drying during the heating process. The flow rate of the spray is adjusted to adapt to the speed of the line and to the characteristics of the corrugated board.

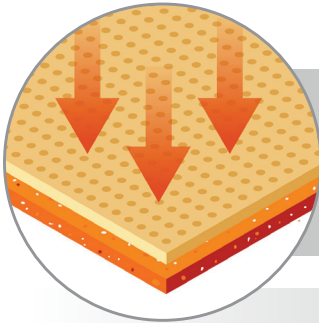
WARP SCANNER

Specifically designed for warp detection, the warp scanner ensures precise, real-time monitoring of the production line and provides immediate data, enabling prompt adjustments within a dynamic closed-loop system.



MOISTURE and TEMPERATURE in Corrugated Board Production

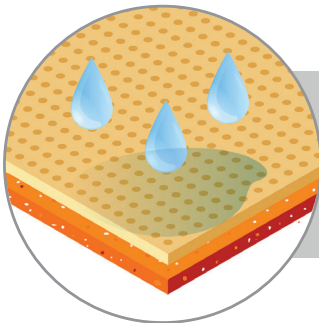
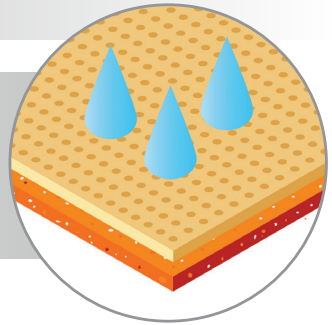
Moisture and temperature parameters directly influence one another. Without moisture control, it is only possible to work with temperature and starch.



HEAT

Fibers must be open to absorb the right amount of glue. This is normally achieved through heat.

If the paper is not moist enough, the fibers won't hold the temperature and the corrugated board will undergo stress, decreasing in quality.



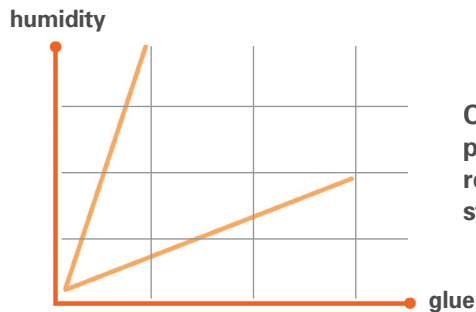
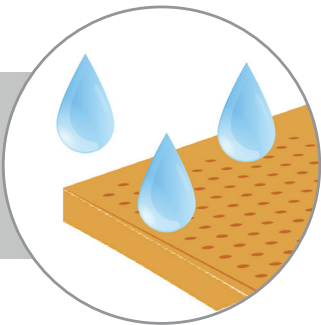
STARCH

Dry fibers are more reluctant to absorb glue. Operators increase the amount of starch to make up for the lack of moisture. However, starch is a wasteful solution with little impact on humidity levels.

Moisture allows heat to be transferred more evenly and maintained for longer, which allows the starch to penetrate more easily in the corrugated board fibers before popping.

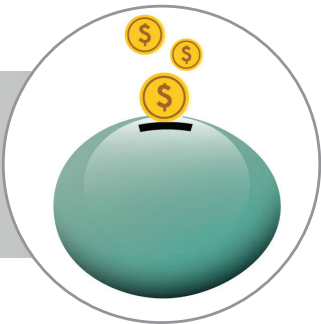
MOISTURE

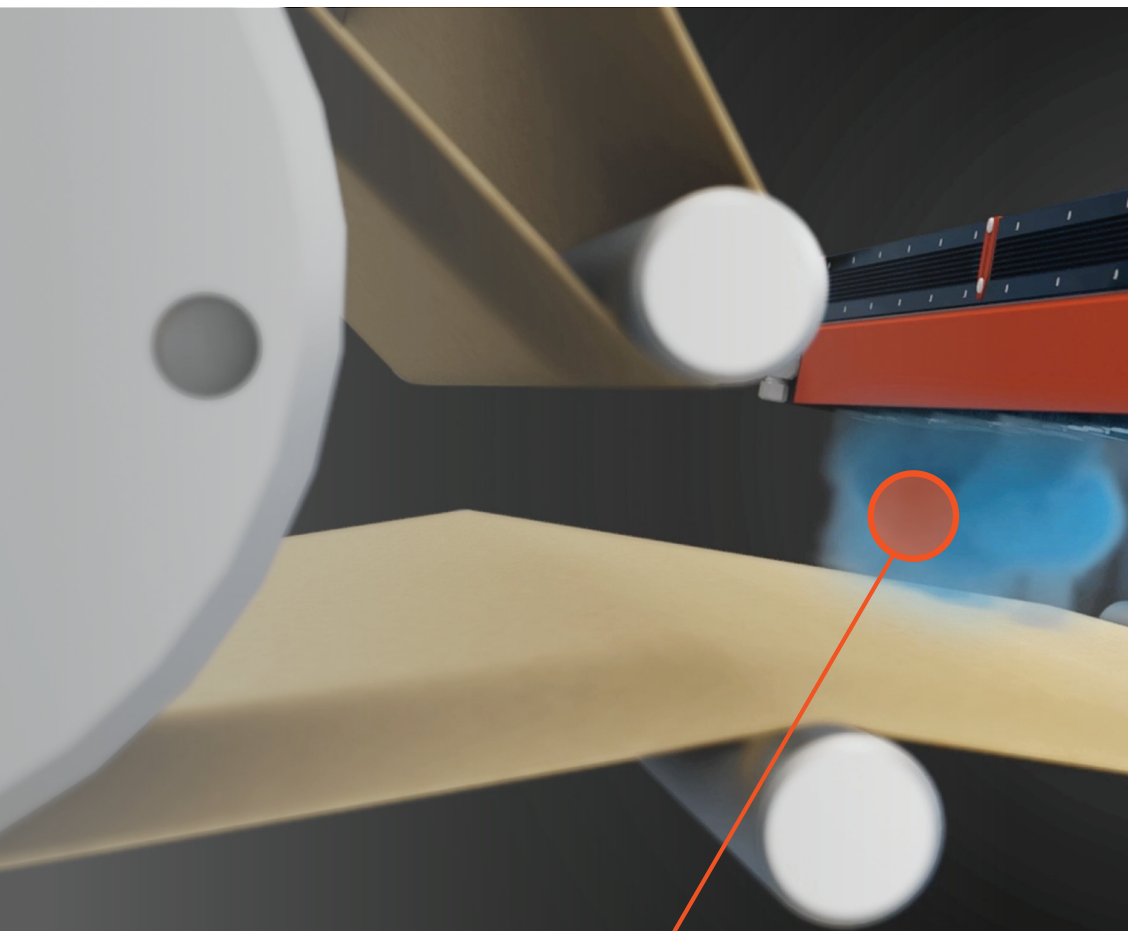
Moisture enables the corrugated board to heat without losing elasticity, allowing the glue to penetrate more easily, reducing its consumption and improving the line speed.



Optimizing humidity levels in paper production can lead to a significant reduction in the required amount of starch, up to 20%.

Optimizing humidity levels results in a better final product, significant cost savings and a notable economic advantage.

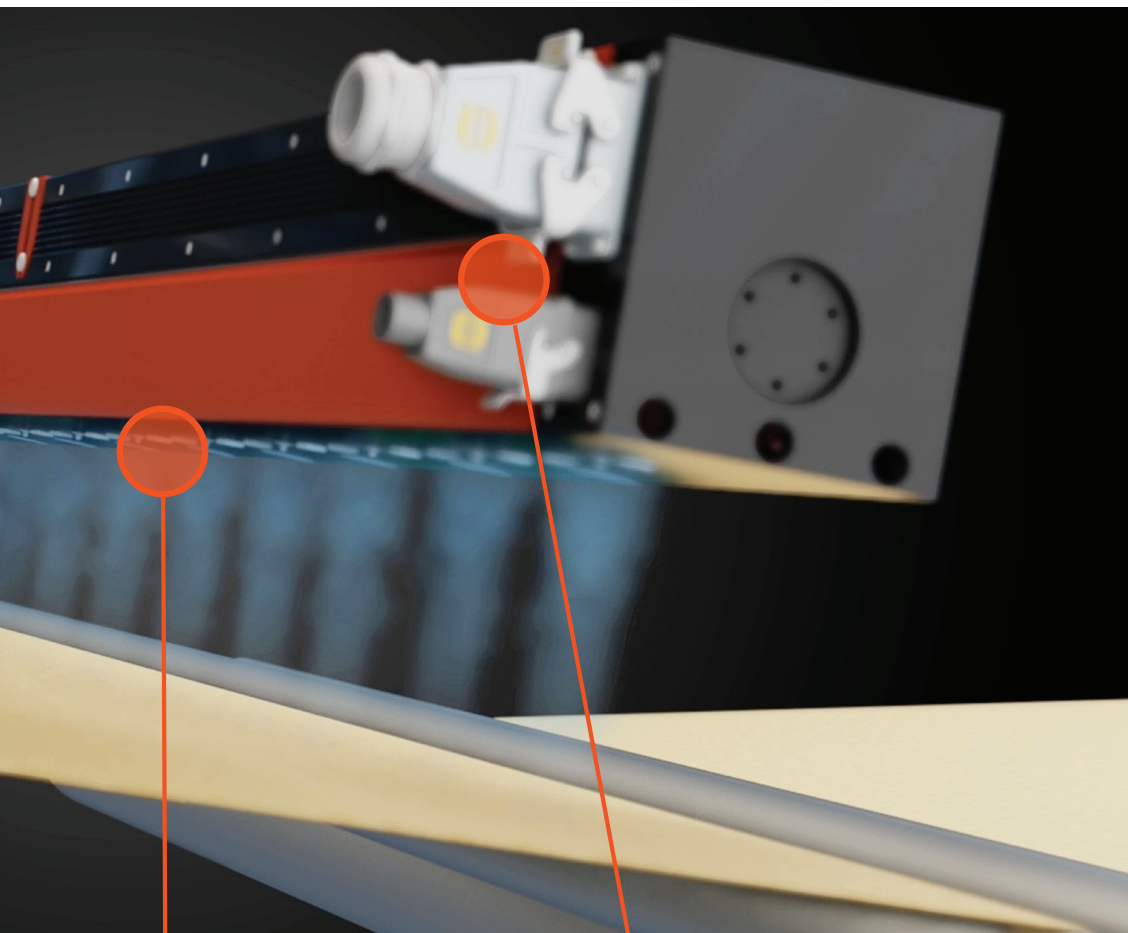




Engineered to work seamlessly, Nebula's scanners and moisturizer ensure improved planarity, reduced glue consumption and ever higher quality standards.

WATER FLOW REGULATION

The flow rate of the spray is adjusted to adapt both to the speed of the line and to the characteristics of the cardboard.



ACTIVATED SEPARATELY

Nebula has 16 to 18 moisture management points according to the application width, and each can be activated separately.

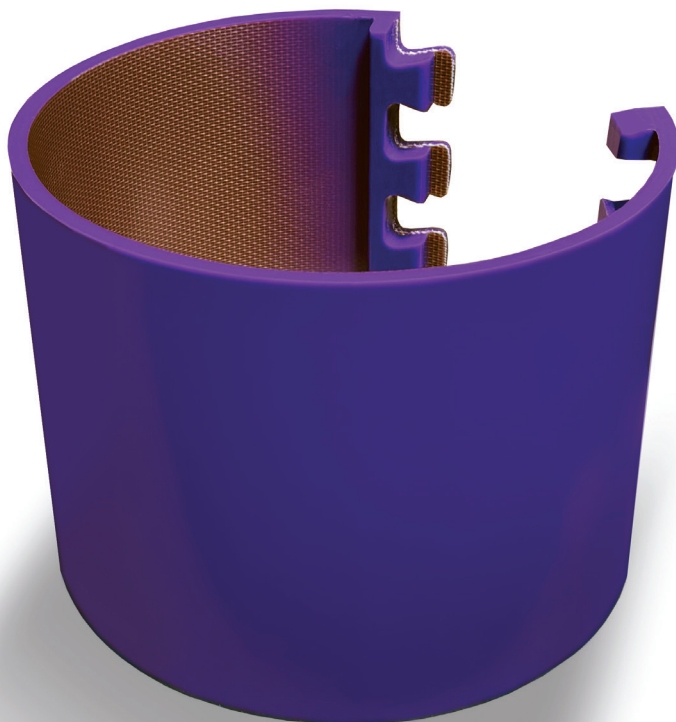
SIMPLIFIED CONNECTION

One connector simplifies installation, accelerates component identification for future checks, eliminates cable and tube confusion and ensures continuous efficiency.

Royal Cut

ANVIL COVERS for ROTARY DIE-CUTTERS

Because we wanted to offer our customers a full line of premium anvil covers for all rotary die cutters, CST has partnered with a respected manufacturer with over 40 years of production experience. **Our manufacturer has developed a product that maximizes the lifetime of anvil covers by improving material durability and optimizing the quality of die cutting your board with proper blade penetration into the polyurethane.**





Using computerized casting machines and the most modern design technology, our manufacturing and production process ensures consistent and long-lasting product quality.

Product Advantages:

Specialized Polyurethane Formula:

- Maximizes resistance to wear and tear
- Manufactured for enhanced performance and longevity

Fiberglass Net Backing:

- Ensures dimensional stability

Interlocking Design:

- Special jig-saw joint design guarantees a strong and tight fit

Boltless Mounting:

- Quick installation and rotation
- Blankets easily position to any cylinder location

Available in Multiple Widths:

- Available in standard, double and customized widths for all rotary die cutters

Identifying the Correct Anvil Cover:

Simply provide CST with the RDC brand and model number or with your current OEM anvil cover part number. If that information is unavailable, anvil covers are identified by the following three means:

1. Cylinder diameter on which the anvil covers will be installed
2. Slot dimensions on the cylinder (width and depth)
3. Width and thickness of the anvil covers

Clean Cut Knives

CONVERTING KNIVES and PARTS

CST Systems offers a variety of OEM-quality Converting Knives and Parts for Bobst, Martin, MHI and many other machines.

Lap Knife Assemblies and Anvils

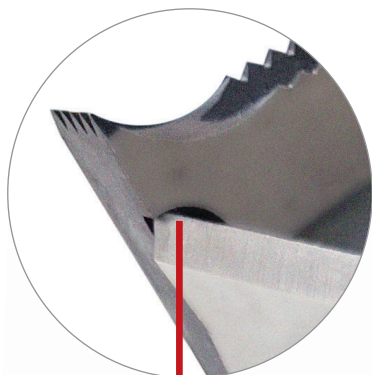
Our improved LCP Pocket System is suitable for all slotting machines and enables a complete lap cut. The improved elongated cutting design prevents hanging tabs and incomplete cuts. The lap is systematically cut and ejected, providing a better quality board with the perfect slot and cleanest cut every time.

The SLS Lap Cutting System, our new automatic system, provides optimal ease of use and performance. Constant pressure on the absorber allows it to adapt to the main thickness standards of flutes without any manual adjustments to lap knife required.

ELIMINATE BAD TAB CUTS

Our special LCP pocket system and elongated lap knives enable a complete lap cut — giving you the perfect slot and cleanest cut every time.





LCP Pocket System



SLS Lap Cutting System



NO MORE ADJUSTMENTS

No Manual Setting of Lap Knife
High Functioning Amplitude
Constant Pressure on Absorber
Quick Change of the Absorber
Adapted to all FFGs' Formats

Slotting Knives

Our OEM-quality Slotting Knives are specially designed with serrated peaks and tips, guaranteeing a clean, precise cut every time. Made from high-chrome, high-carbon tool steel, our knives are manufactured to exceed OEM specifications. Built for long service life, the male slot knives are precision ground to assure true, clean cuts over extended production runs.

We have a variety of serration options for regular and recycled papers — available for all Bobst, Martin, MHI and other machines. Ask about upgraded versions and replacement parts for your machines.

When ordering, advise OEM or CST part number, thickness and include:

Male Slotters – with or without a tip and type of Serration.

Female Slotters – the ID and OD.

ELIMINATE SLOPPY CUTS

Our specially designed slotting knives have serrated peaks and tips, guaranteeing a clean, precise cut every time.





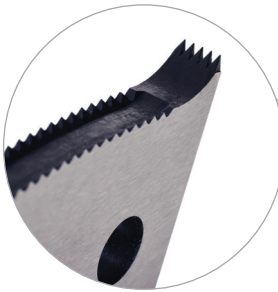
Straight



Serration DTC
= Economical
Quality Serration



Serration DTK
= Adapted to Recycled
Corrugated Board



Serration Tip

Serration options
available for regular
and recycled papers.



Scoring Rings

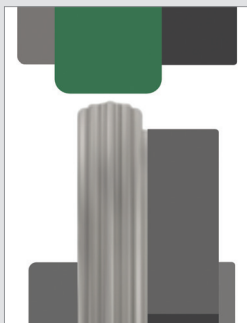
Our TCP Scoring Rings feature a tapered, stepped ring profile, designed specifically to improve creasing, folding and reduce the risk of breaking the top sheet.

Traditional profiles stretch the board during creasing, leading to rolling and cracking. Our tapered ring design means no more rolling scores. The TCP's design provides precise center crease pressure with reduced side pressure—resulting in less stress to the board, a clean crease, improved folds and a higher quality finished product.

Our TCP Scoring Rings are available in various heights depending on the application. Ask about upgraded versions and replacement parts for your machines.

NO MORE ROLLING SCORES

The TCP scoring profile provides a stepped scoring ring design that reduces the risk of breaking the top sheet.

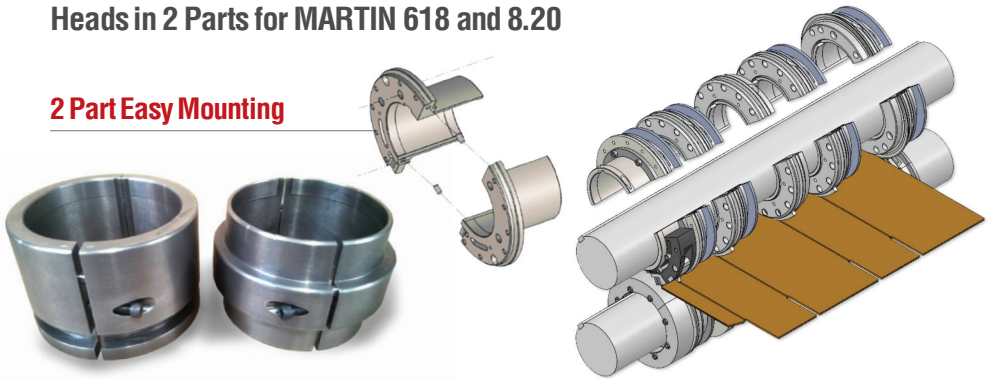


Parts and Accessories

CST Systems offers a variety of OEM-quality replacement parts for all Bobst, Martin, MHI and other machines. Ask about upgraded versions and replacement parts for your machines.

Heads in 2 Parts for MARTIN 618 and 8.20

2 Part Easy Mounting



Tool Support

- Slotting
- Lap Assemblies
- Trimming
- Scoring
- Pre-Scoring
- Pull Rings

Wearing Disks for
Head Shifting Tools
Geared Crowns
Splined Shafts for Box
Height Adjustments

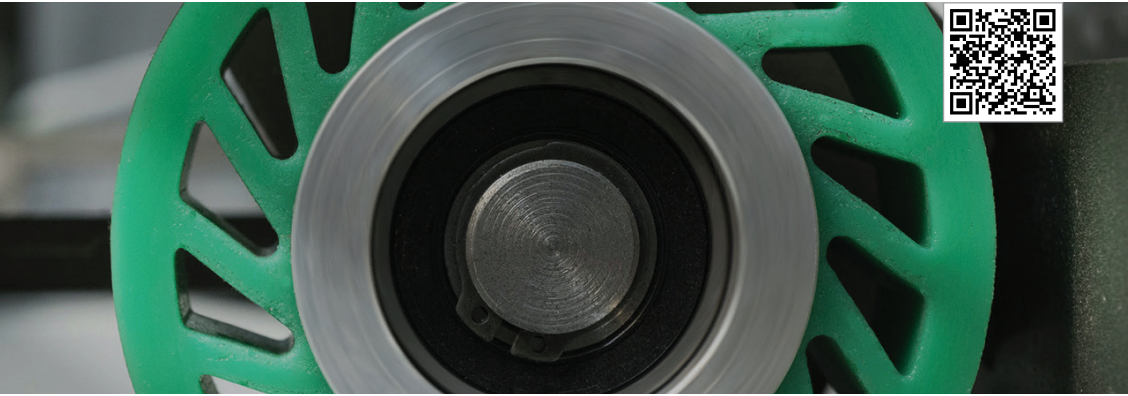


Surely No-Crush

NO CRUSH WHEELS for CORRUGATORS

Engineered for maximum performance, our Surely No-Crush Wheels are manufactured with a specialized polyurethane formula. They provide proper grip-power to drive the corrugated board, yet are soft enough to avoid marking the paper. With decades of continued research and development, our manufacturing partner has developed a product that is heat resistant to the highest corrugating line temperatures and resistant to hits, abrasion and wear throughout the lifespan of the wheels.





Product Advantages:

Specialized Polyurethane Formula:

- Provides proper grip-power to drive the corrugated board
- Soft enough to avoid marking the paper
- Heat resistance to the highest corrugating line temperatures
- Maximizes resistance to wear and tear
- Manufactured for enhanced performance and longevity

Multiple Sizes Available:

- Available for BHS, Fosber, Marquip and many other machines

Identifying the Correct Wheel:

Surety No-Crush Wheels models are identified by measuring the outside diameter, width and bore size or by your current OEM part number.

Using computerized casting machines and the most modern design technology, our manufacturing and production process ensures consistent, long-lasting product quality.

Slitter Blades, Anvils and Grinding Stones

OEM-Quality Parts for BHS and FOSBER CORRUGATORS



CST Systems has partnered with a well-established European manufacturer and offers a full range of OEM-quality replacement products for BHS and Fosber Corrugators. **Created with the most stringent demands for performance and technology, our Slitter Blades are forged with the best tungsten carbide steel and guaranteed for excellent durability over time. Our Grinding Stones are made with the best synthesized materials for a long-lasting sharpening performance.**

Additional BHS and FOSBER replacement parts are available upon request.



Slitter Blades

CST CODE	MACHINE	MATERIAL	COATING	DIMENSION	ANGLE	HOLES	OEM CODE
BHS KNIVES							
BL0001	BHS	TUNGSTEN CARBIDE	----	240*32*1.2	20°	2 x Ø100	105303965
BL0017	BHS	TUNGSTEN CARBIDE	----	240*32*1.3	28°	2 x Ø100	105303902 105406920
FOSBER KNIVES							
BL0002	FOSBER	TUNGSTEN CARBIDE	----	230*135*1.1	17°	4 x Ø145	2700034702
BL0003	FOSBER	TUNGSTEN CARBIDE	GOLD TITANIUM	230*135*1.1	17°	4 x Ø145	2700034711
BL0004	FOSBER	TUNGSTEN CARBIDE	----	230*110*1.1	17°	6 x Ø130	2700032901 2700032907
BL0005	FOSBER	TUNGSTEN CARBIDE	GOLD TITANIUM	230*135*1.1	17°	NO	2700035611
BL0020	FOSBER	TUNGSTEN CARBIDE	----	230*135*1.1	17°	NO	2700035602
MARQUIP KNIVES							
BL0012*	MARQUIP	TUNGSTEN CARBIDE	----	260*168.3*1.2	22°	8 x Ø187.3	3951896 9620025C 9618543H 3951016

Teflon Anvil

CODE	PART NUMBER	MACHINE	MATERIAL	FOSBER CODE	DIMENSION	BOX
TFL-FOS-94	TFL001	FOSBER	WHITE TEFLON	2750230502	94 mm	100



Grinding Stones

CST CODE	MACHINE	MATERIAL	OD*ID*T	BALL BEARING	OEM CODE
BHS GRINDING STONES					
ML0001	BHS	LONG LIFE GREY POWDER	50*19*11	BALL BEARING	105406920 105406991
FOSBER GRINDING STONES					
ML0004	FOSBER	LONG LIFE GREY POWDER	70*12*17.5	BALL BEARING	
ML0005	FOSBER	LONG LIFE GREY POWDER	0*10*17.5	BALL BEARING	2750041011-A
ML0013	FOSBER	LONG LIFE GREY POWDER	70*20*13	NO	2080450302-A 2080450306-A
MARQUIP GRINDING STONES					
ML0006	MARQUIP	LONG LIFE GREY POWDER	50*12.6*6.35	BALL BEARING	9626044 3950831



Winding Shafts

IBD WICKELTECHNIK SHAFTS

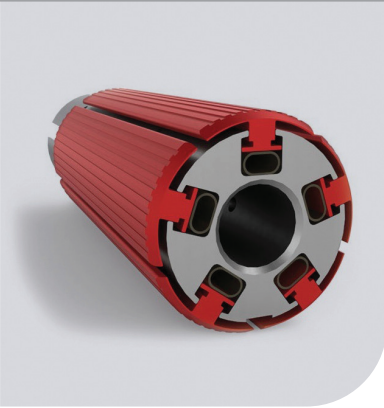
CST Systems has partnered with IBD Wickeltechnik, the leading provider of innovative solutions in winding technology and over 30-years of experience in manufacturing winding shafts and accessories.

We offer a full range of products, from Differential Rewind and Flat Hose Expansion Shafts to Pneumatic Shaft options—all created with the most stringent demands for performance and technology.



Differential Rewind Shaft

The MFW-RS Series Differential Rewind Shaft uses a pneumo-mechanical system to wind materials of varying thicknesses, keeping the web tension constant, even when rolls have different diameters.



Flat Hose Expansion Shaft

The Flat Hose Expansion Shaft is effective with thin-walled winding cores. The use of enclosing clamping shells, and almost closed contour of the shells, makes the expansion shaft particularly suitable for winding without cores.



Pneumatic Lug Shaft

The perfect match for high-stress converting demands, the lug-style design prevents roll slippage during fast startups and shutdowns and minimizes vibration at high web speeds. Each shaft is available in a variety of body types and pneumatic connections to suit your applications.



Pneumatic Strip Shaft

The strip shaft utilizes expanded strips to hold the core firmly, preventing sliding. The PSW-F Series Pneumatic Strip Shaft uses a flat tube system and is available in a wide range of options customized to your equipment requirements.

On-Site Maintenance

MAINTENANCE SERVICE and MORE

CST Systems' world-class support team, top-notch Engineers and Field Service Technicians have extensive experience and knowledge of corrugating machines, converting machines and ancillary equipment used in package manufacturing operations.

Our Field Service Technicians perform preventive, on-site maintenance for Renova Turborex Brakes and Moviroll products, ensuring all equipment runs properly and meets operational and specification requirements.

Moviroll Roll Pusher

Scheduled servicing keeps the Roll Pushers on the production floor, protects your investment and supports maximum product life.

Service Package Includes:

- OEM Trained Support
- Thorough Inspection of each unit
- Electrical and Mechanical Repairs
- Preventative Maintenance
- Detailed Reporting
- On-Site Maintenance Training



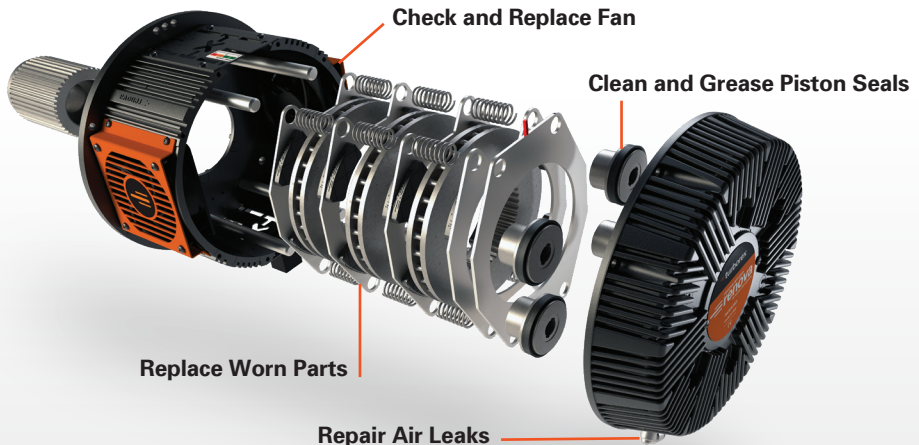


Turborex Brakes: TX180 / TXHD180

Brake servicing protects your investment, ensures maximum product life, supports consistent web tension and prevents unplanned downtime.

Service Package Includes:

- OEM Trained Support
- Full Inspection of Braking System
- Clean Brake and Pistons
- Grease Piston Seals
- Check Fans
- Replace Worn and Broken Parts (additional cost)
- Brake Assembly
- Startup Brake Testing
- On-Site Maintenance Training



Digital Product Brochure

From braking systems to moisture control, our solutions are built to optimize your corrugating and converting needs. Scan below to explore our product brochures and discover innovative solutions. **We'll show you what's possible!**



Turborex

PATENTED PNEUMATIC BRAKE



Combirex CX250

PNEUMATIC TENSION BRAKE



Revolution

PATENTED HYBRID BRAKE



Moviroll • Movicart

BATTERY ROLL PUSHERS & CART MOVERS



Gripmatic

EXPANDING CORE CHUCKS



Duplex

ROLL EJECTOR CHUCK



Nebula

MOISTURE CONTROL SYSTEM

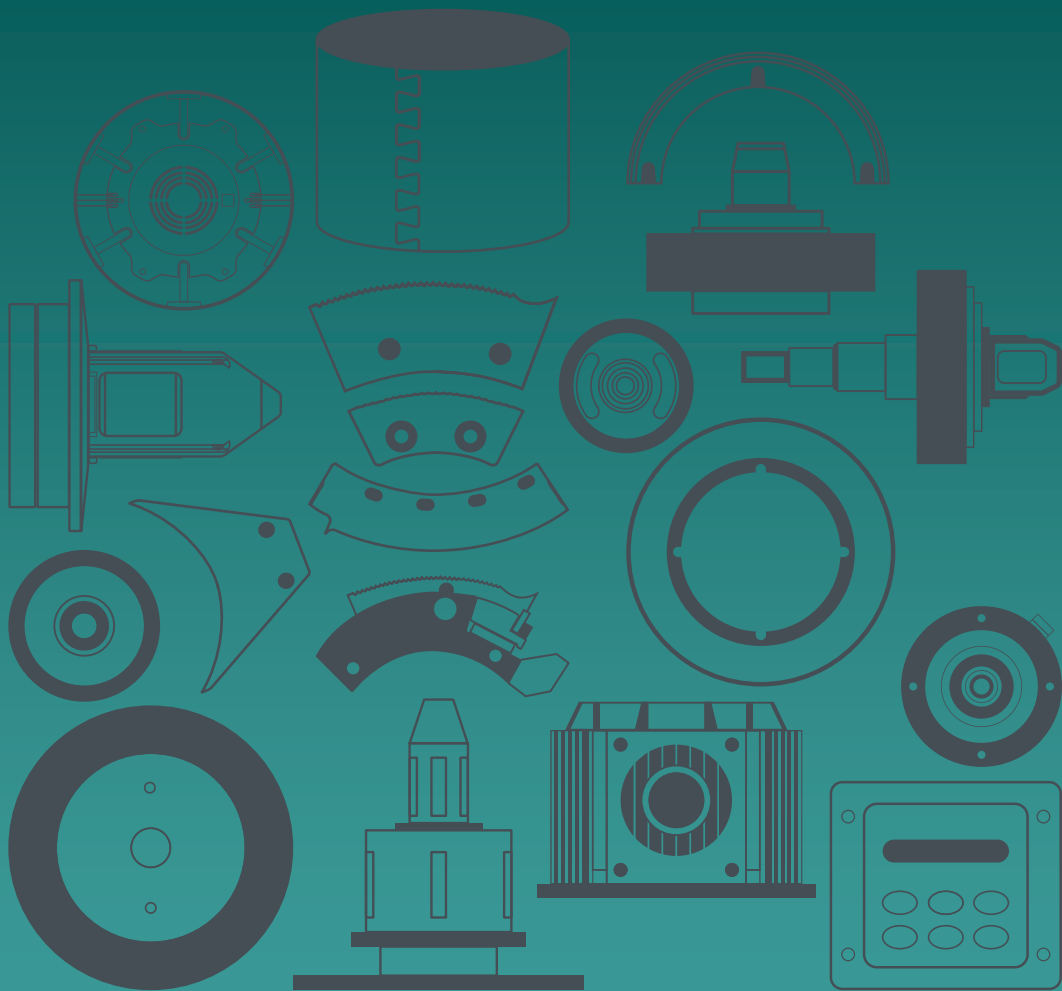


All Products

CST Systems is the exclusive distributor for Renova in North America, Central America and the Caribbean. *Excluding Mexico*

CST Systems is an authorized Distributor of VIK Corrugator Solutions.

CST Systems is an authorized Distributor of IBD Wickeltechnik.



CST Systems

Do you know what's possible?

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