

EST. 1926

SAUER
SYSTEM

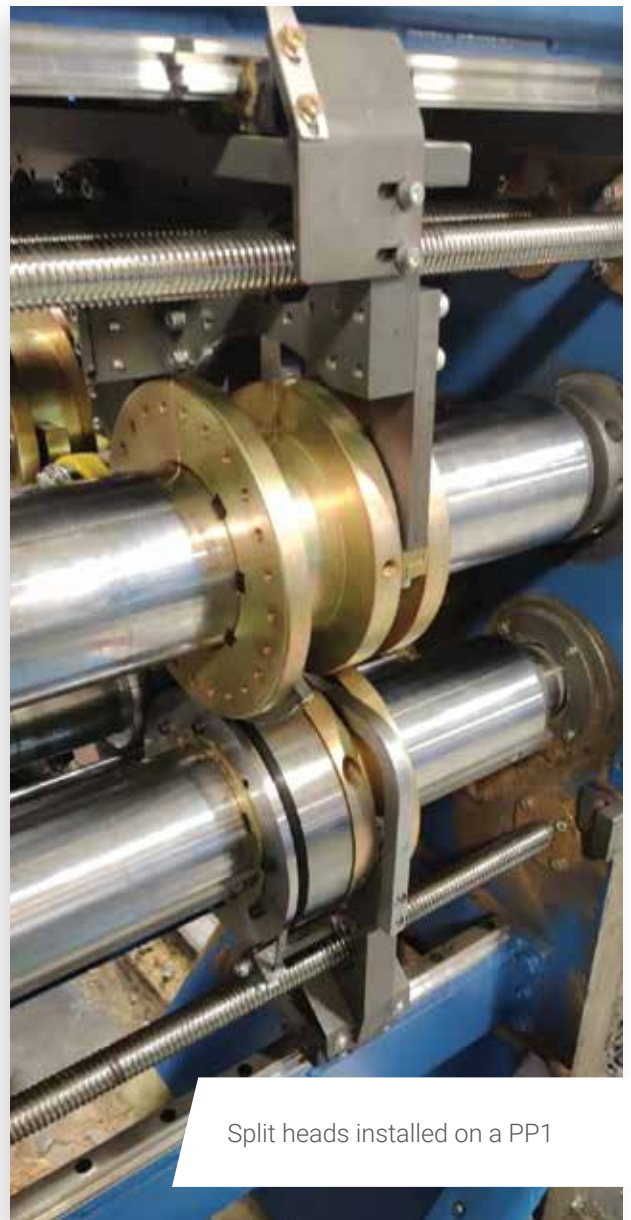
**TOOLING & UPGRADES FOR
LATITUDE MACHINES**

Upper and Lower Split Glue Tab and Slotter Heads

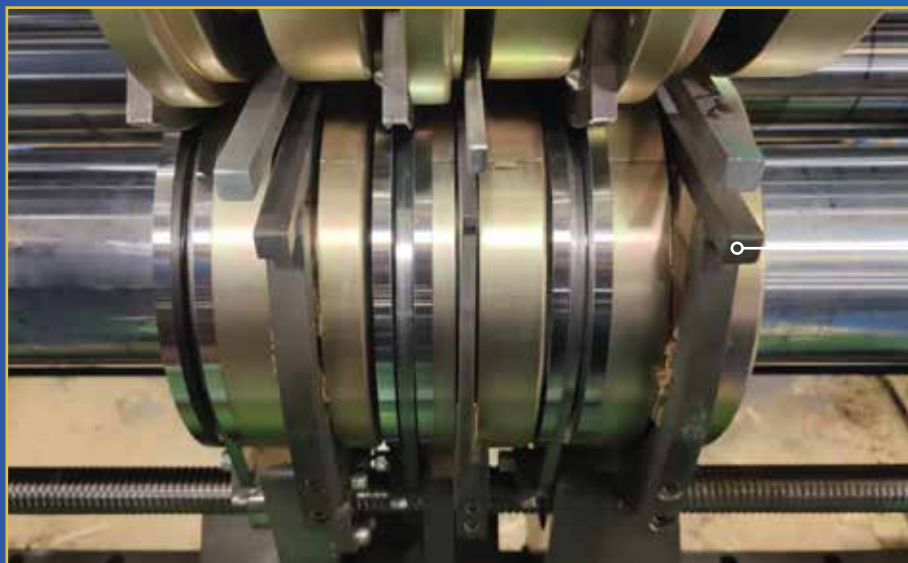
Sauer System offers a complete line of split upper and lower glue tab and upper slotter heads for all current Latitude flexo folder-gluer models. Upper heads for PP2 and PP3 models feature replaceable hardened tool steel yoke wear plates. Lower heads are available as assemblies with slotting blades and slot spacers installed.

Heads can be sold individually or as a complete set. Individual heads integrate with other OEM heads. Installation, including removal of existing head or heads, is available for as little as one individual head or a complete set.

Every head is manufactured to Sauer System manufacturing specifications, which meet or exceed OEM tolerances, from Dura-Bar® Continuous Cast Iron Bar Stock. This defect-free material offers superior characteristics that help reduce maintenance issues such as shaft galling.



Split heads installed on a PP1



Sauer steel-to-steel knife holders feature shorter clamp blocks and stronger retaining plates than OEM versions.

Split Head Features



Features

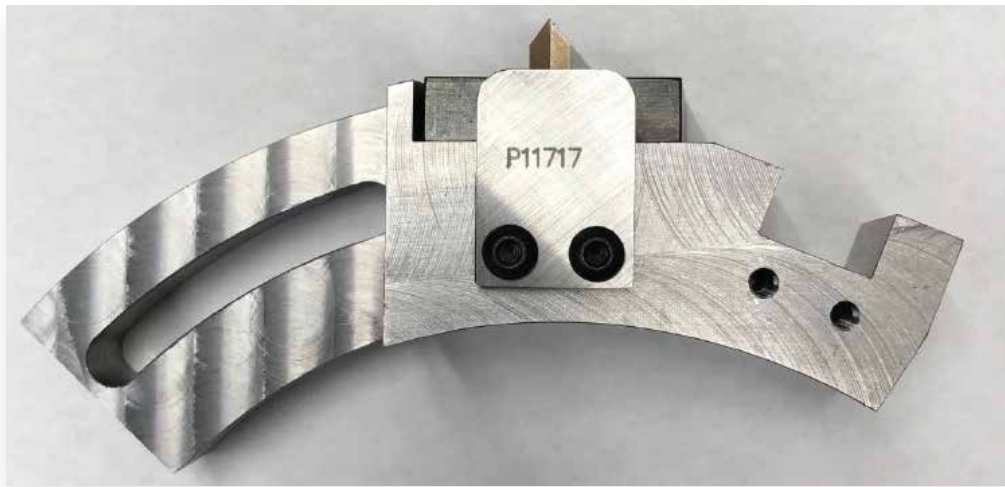
- Split Design
- Manufactured from Dura-Bar® continuously cast grey iron
- Bore tolerances and design features enhance sliding properties
- Stringent face runout tolerances
- Plated for longevity and to prevent corrosion
- Multiple working keyways
- Conforms to OEM width specifications for panel minimums



Head Installation and Solid Head Removal

As part of a complete upgrade offering, Sauer offers removal of as few as one, and as many as a complete set, of heads, along with installation of a new split head.

Sauer technicians bring tools with them including custom saws to ensure head removal is completed in a timely manner.



Glue Tab Cutting Tools

Sauer System provide glue tab cutting tooling for all models of Latitude flexo folder-gluer. Both steel-to-steel knife holders and complete soft anvil systems are available.



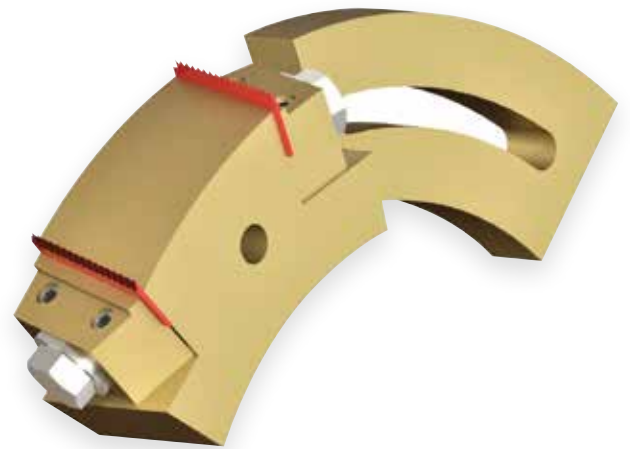
Steel-to-Steel Holders

Sauer steel-to-steel knife holders feature shorter clamp blocks and stronger retaining plates than OEM versions.

- All components manufactured domestically
- Dual cut and single cut versions available
- Compatible with OEM tab knife and polyurethane shock pads

Soft Anvil Conversions and Systems

Sauer System offers soft anvil conversions that reduce damage to the machine, noise and operator frustration.



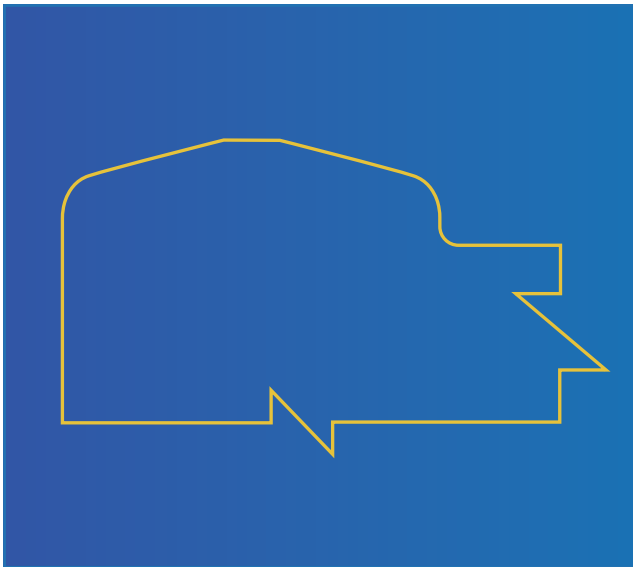
Dual Cut Advantages

Glue tab scrap issues are reality. Sauer System offers a dual cut tab knife holder for all models of Latitude flexo folder-gluer with knives on 2.50" centers. The dual cut holders dramatically reduce scrap issues. In addition, they feature a more durable design with shorter, heat treated clamp blocks.



Creasers and Precreasers

Sauer Systems offer industry creasers and precreasers with proven, industry-leading profiles. Maintaining and replacing creaser and precreasers rings and heads on a regular basis assures optimal score and fold quality.

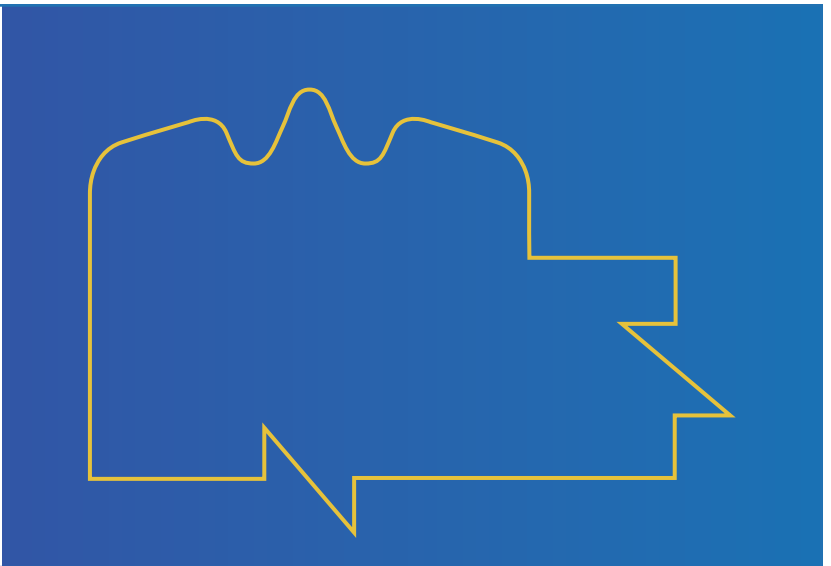


Precreaser Profile

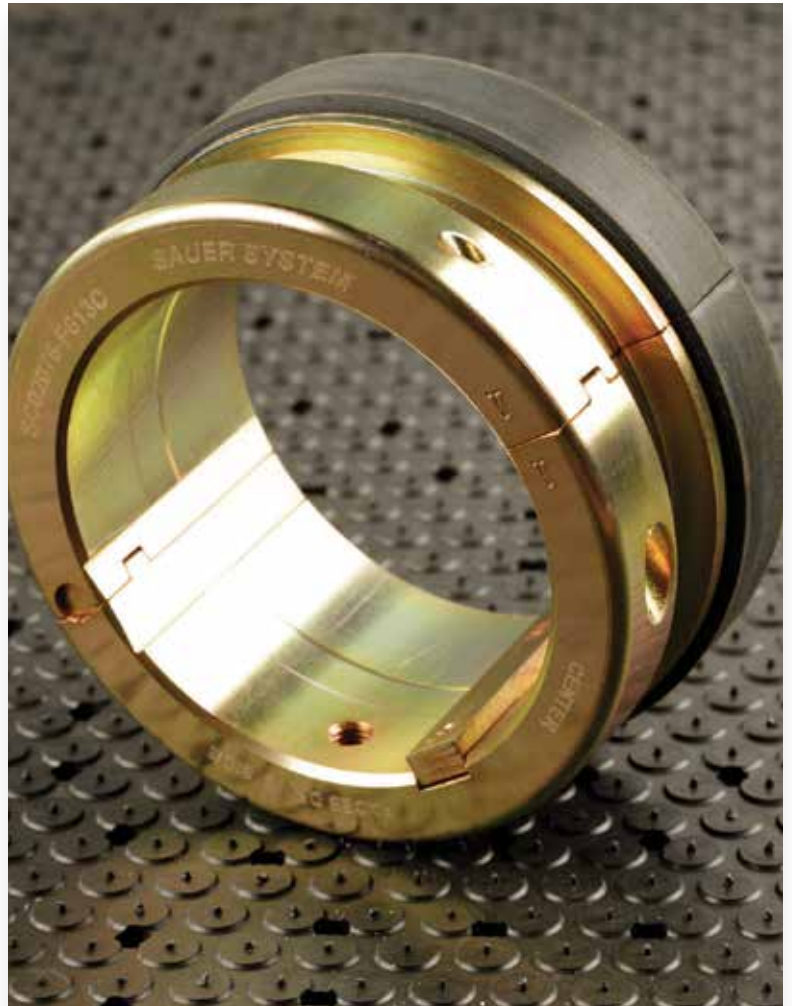
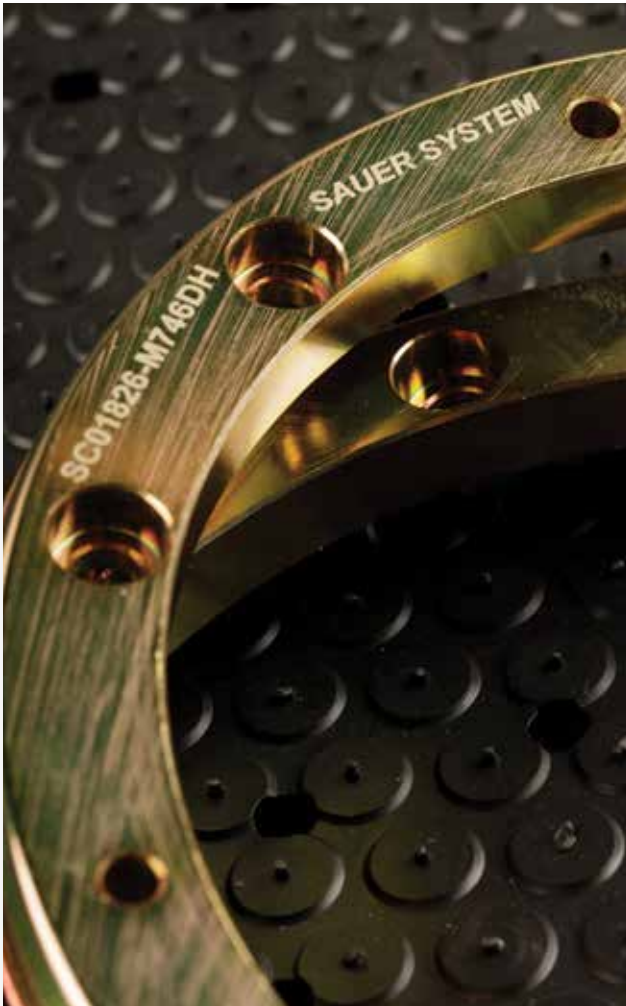
Sauer's proprietary precreaser profile features sloping shoulders and a empirically tested specific width flat area for optimal precreasing and board conditioning prior to primary creasing.

G3 Creaser Profile

The G3 scoring system was specifically designed to improve scoring and folding when converting recycled board and other challenging materials. The result is improved folding, a reduction in manufacturer's gap variation and a higher quality finished product.



Creasers and Precreasers



Benefits

- Reduced rolling scores
- Reduced liner fracturing
- Improved gap control
- Improved folding
- Increased productivity
- Reduced waste
- Uses existing female score anvils



Pull Collars, Scrap Chop Tooling, Base Heads

Sauer System offers a complete line of Latitude tooling, including but not limited to: yoked pull collars, yoked creaser and precreaser base heads, trim knife hubs, scrap chop heads, yoke wear plates, slotting blades, slot spacers. All Sauer tooling solutions are plated.



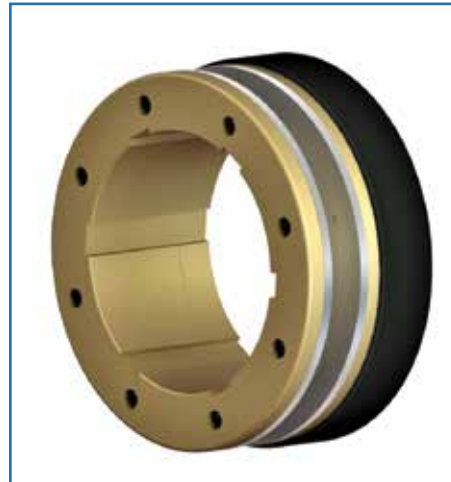
Yoked Pull Collar



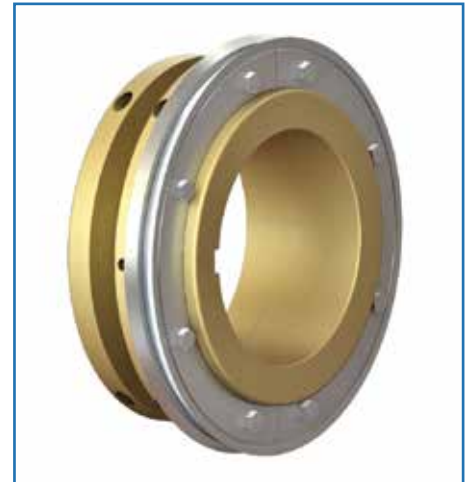
Precreaser Base Head



Scrap Chop Head



Scrap Chop Anvil



Trim Knife Hub

Yoke Blocks

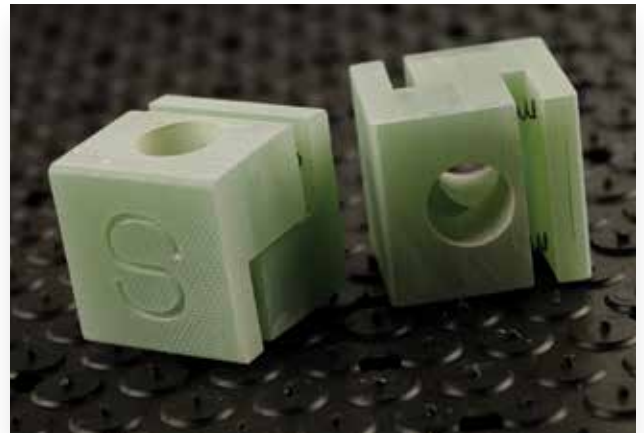
Sauer System offers a complete line of composite yoke blocks machined from a fiberglass-based surface-abrasion resistant material. Sauer yokes are 100% interchangeable with OEM metal and composite versions and have proven to outlast all available market solutions. Refuse to compromise. Switch to a domestic source for your critical yoking needs.

- Proven superior alternative to OEM materials
- Minimal heat generation during production
- Available from stock for immediate shipment
- Reference by OEM number or position in the machine
- Manufactured domestically
- Installation available upon request

Sauer yoke blocks feature springs that are glued into the block so they won't fall out during installation.



Yoke Blocks

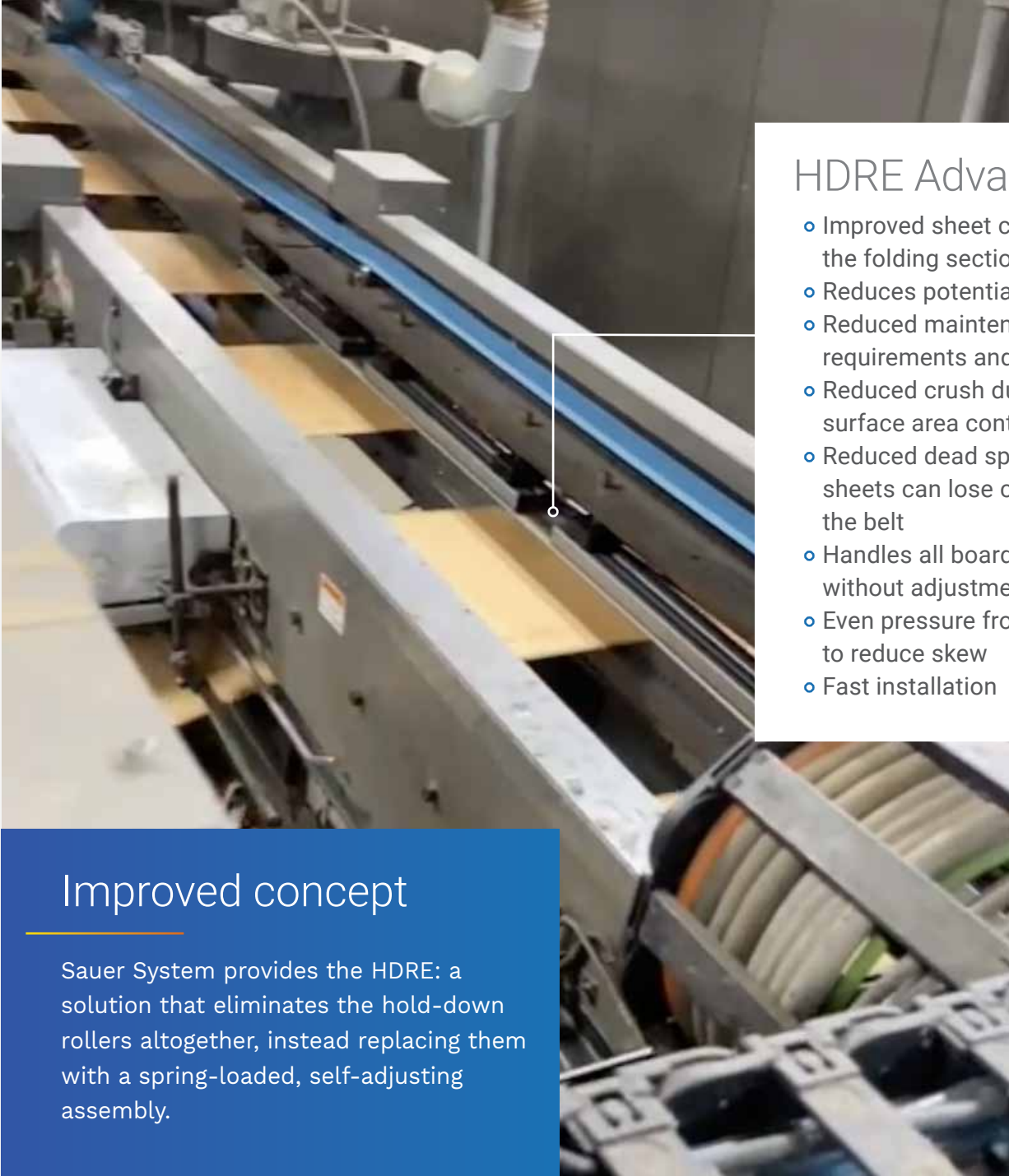


Yoke Guides



Hold-Down Roller Eliminator (HDRE)

EVOL flexo folder-glueers utilize a series of hold-down rollers as the primary means of controlling sheets as they travel through the folding section. Spring-loaded rollers apply downward pressure on the folding belts and sheets as they transition from the die cutter to the counter-ejector. Over time, the rollers wear out and fail at different rates leading to uneven sheet transfer, folding issues, twisting and skewing, and eventually jam-ups. The roller issues create downtime for maintenance and high replacement cost.



HDRE Advantages

- Improved sheet control through the folding section
- Reduces potential failure points
- Reduced maintenance requirements and costs
- Reduced crush due to larger surface area contacting the belt
- Reduced dead spots where sheets can lose contact with the belt
- Handles all board grades without adjustment
- Even pressure from side to side to reduce skew
- Fast installation

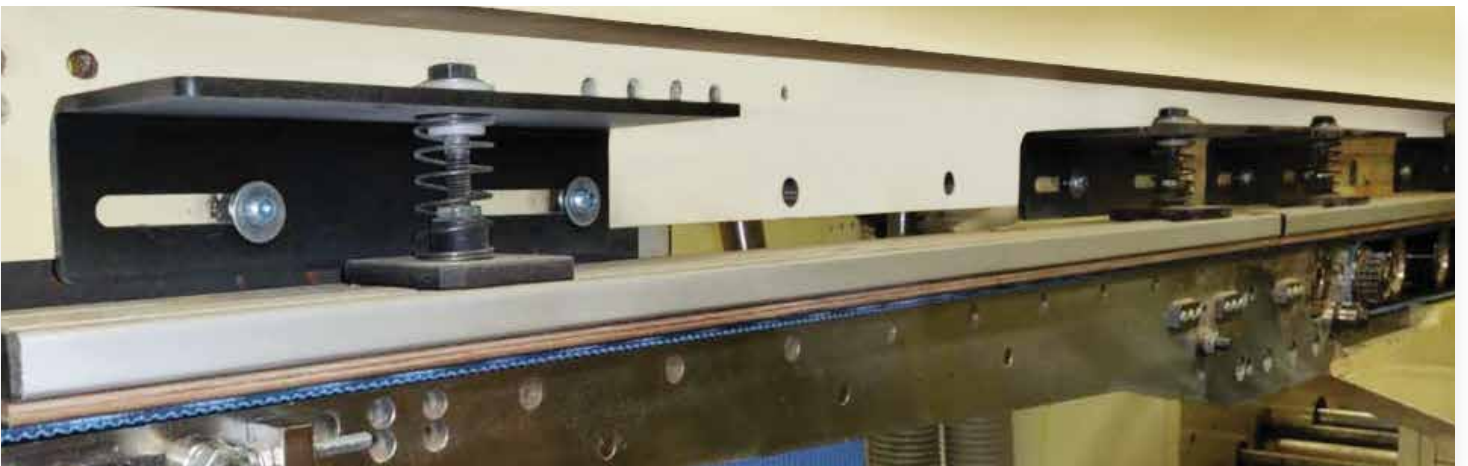
Improved concept

Sauer System provides the HDRE: a solution that eliminates the hold-down rollers altogether, instead replacing them with a spring-loaded, self-adjusting assembly.

Hold-Down Roller Eliminator



BEFORE



AFTER



TOOLING & UPGRADES FOR LATITUDE MACHINES



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