

Sugar Mill Chains

- Process more raw product.
- Minimize downtime.
- Maximize your profits.
- Get to market faster.



Make the most of your harvest.

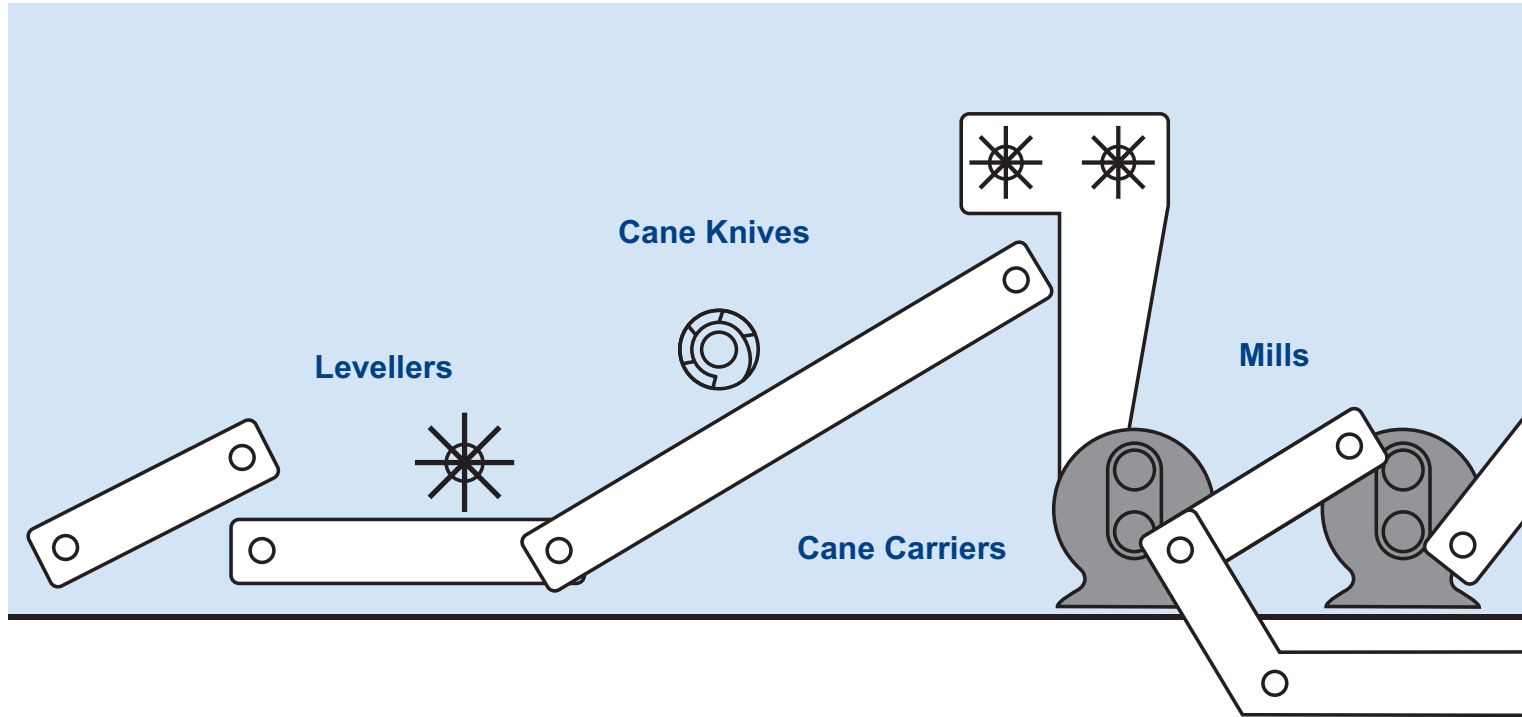
Moving sugar cane from harvest through processing requires top-quality chains that can stand up to abrasion, corrosion, and high shock loads at ever-increasing production rates.

Renold Jeffrey has been making high-quality engineering chain for more than 130 years. We understand the importance of quality, reliability, and consistency to keep your sugar mill running at peak capacity.

Time matters during harvest. Count on Renold Jeffrey to move product from field to market fast. Our chains are manufactured to the highest standards to deliver value in the most demanding applications.

- Increased chain life
- Proven performance
- State-of-the-art solutions
- Lower cost of ownership

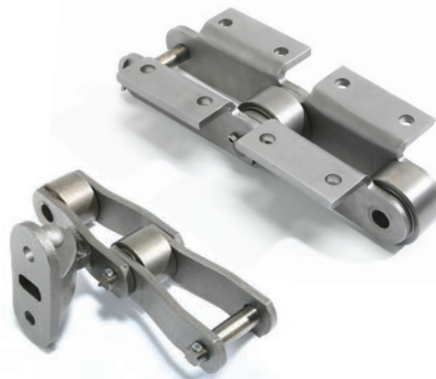
Chains for every stage of the process

**1. Feed Tables**

Renold Jeffrey manufactures forged, welded steel, and combination chains for feed table conveyors that have the strength, wear life, and dimensional accuracy to withstand impact and abrasion. Press-fit pins and accurate pin-hole punches optimize fits and prevent misalignment to provide consistent, reliable performance.

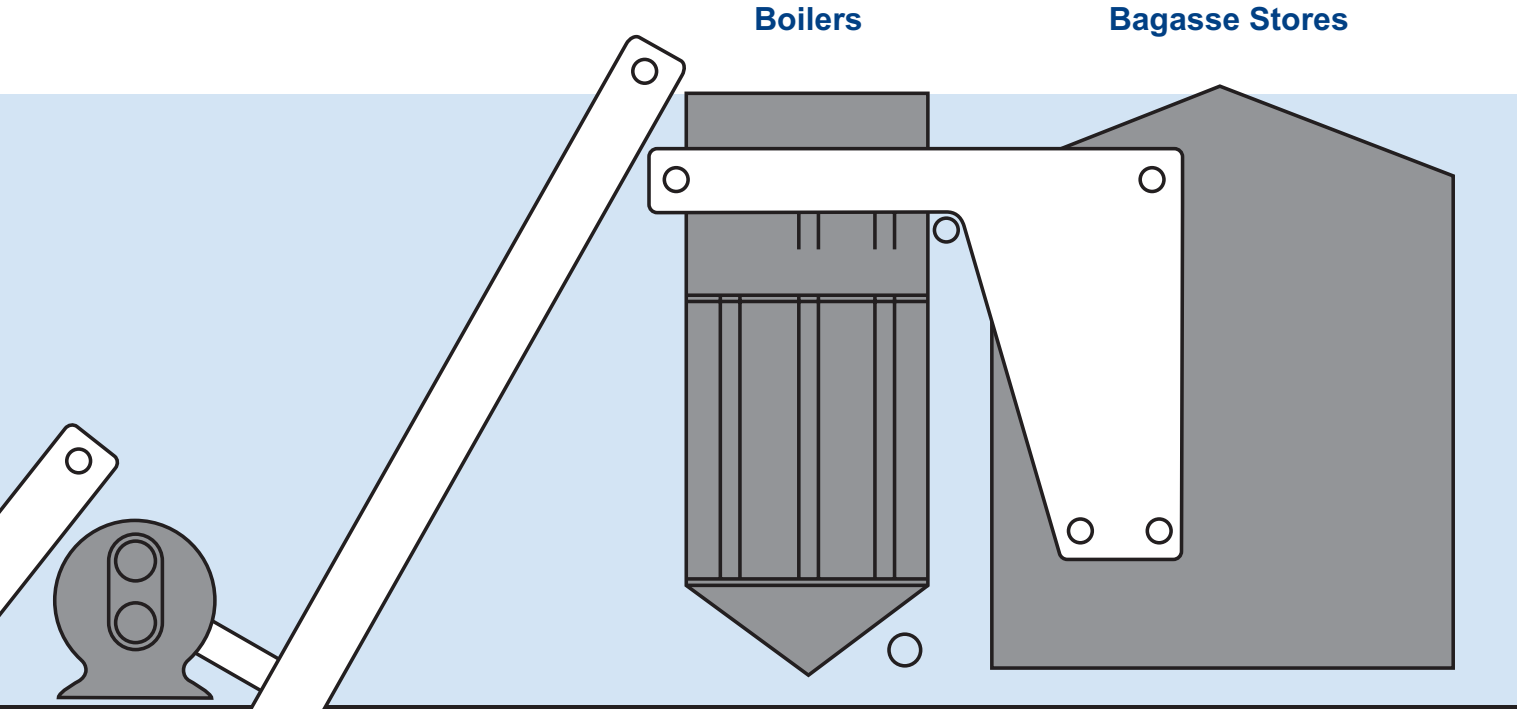
**2. Cane Carriers**
3. Shredded Cane Elevators

Renold Jeffrey offers a complete line of heavy-duty engineered products for carrying cane from the yard to the grinding mills. We have developed special materials and heat-treatment processes to ensure maximum chain life and value. High-pressure lube pins, bushings, and rollers can be supplied upon request. Renold Jeffrey manufactures several large-pitch conveyor chains, as well as Stub Shaft and Thru Rod conveyor designs.

**4. Intermediate Chain Carriers**

Renold Jeffrey 907 Chains are designed for conveyor service where buildup of sticky material could create problems. Made from stainless steel or standard cast iron, intermediate conveyor chains work with sprockets cast integrally in pairs. Driving action takes place on the round barrels on either side of the chain, preventing material from packing under the slats and causing the chain to jump the sprockets. Both slats and sprockets for these chains are available upon request.





5. Donnelly Chute Carriers

Short center distances, high speeds, and sharp inclines make Donnelly Chute Conveyors a challenging application for engineering chains. The presence of water and acidic elements can also cause premature chain wear. Renold Jeffrey offers barloop, steel knuckle, drop forged, and STR chains, as well as customized designs, that can stand up to a customer's specific Donnelly Chute requirements.

6. Cush Cush Strainers

Sugar mill and related-equipment manufacturers are on a constant quest to make handling equipment efficient, durable, and economical. The sticky, corrosive process of separating juice from bagasse presents a particular challenge. Renold Jeffrey chains, manufactured in stainless steel or cost-effective standard cast iron, provide a simple, reliable solution.



7. Drive Chains

Renold Jeffrey Engineering Class Drive Chains are built to run the most demanding applications with maximum strength and minimum weight. For mill roller drives, we manufacture single- and multi-strand BS and ANSI standard chains up to 3.0" pitch. We also make STR offset link drive chains up to 6.0" pitch and can design special chains to suit your needs.



8. Barloop Chains

Renold Jeffrey Barloop Chains provide long-lasting operation for sliding conveyors that operate in both wet and dry environments. The open center link prevents materials from collecting in chain joints and offers longer service life than solid-barrel construction. Sidebars are wider than loop links to prevent contact with conveying surfaces.



9. Rivetless Chains

Simple design makes Renold Jeffrey Rivetless Chains ideal for production-line conveyors that require frequent alterations and for conveying materials that can become trapped in enclosed chain joints. This forged steel chain delivers exceptional strength per unit of weight and is easily assembled and disassembled by hand.



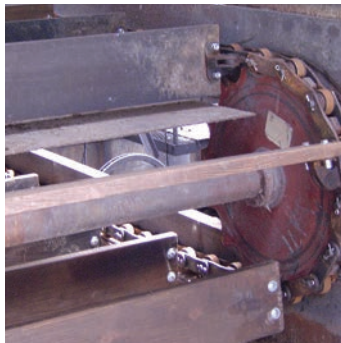
Count on Renold Jeffrey for rapid, reliable solutions.

Renold Jeffrey maintains large inventories of chains and components and can quickly develop custom products for your specific application. Whether you require a unique chain design, a dimensional adjustment, or a specialized material, we can develop a cost-effective solution that meets your needs.

Keep your mill running at peak capacity.

Apron Conveyors

Renold Jeffrey Apron Conveyors are ideal for moving product horizontally and up inclines. We offer a complete range of inboard and outboard roller styles, each built for maximum wear resistance in abrasive conditions.



Stub Shaft Conveyors

Stub Shaft Conveyors from Renold Jeffrey feature a unique design for easier maintenance, increased wear resistance, and improved stability. Since the conveyor contains no thru-rods, it can be adapted to deep pan conveyor designs.



Slat Conveyors

Our Slat Steel Conveyors are hot-formed on a 750-ton hydraulic press to ensure accurate and close-fitting beads. These conveyors are built to length and specially designed for cane carrier service.



Sprockets

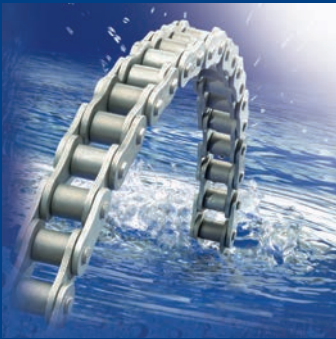
Renold Jeffrey's replaceable sprockets and traction wheels are designed for high-stress, heavy-duty service. All sprockets are steel carved and flame hardened for long service life. Tooth and rim sections are easy to replace for reduced downtime and maintenance.



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Advancing Chain Technology



Hydro-Service® Chain
Powerful protection against corrosion



Synergy® Chain
Simply the best roller chain on the market



Syno® Chain
Uncompromised performance with no additional lube



Cane Harvester Chain
High-quality materials and heat treatment for increased wear resistance

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