

ACORN EQUIPMENT - the COMPLETE line

Acorn Cable Gutter Cleaner

Designed for both hog barns and dairy barns — removes both solids and semi-liquids — ideal for litter removal to pit on liquid manure set ups — enjoy maximum efficiency, sanitation and economy — stainless steel cable impervious to barn acids

Acorn Bunk Feeders

Both 9" and 12" augers with large double drive, safety cover and heavy duty stands and bearings

Double Auger Silo Unloaders

Two models to choose from. Both have heavy channel frames, double reversible wall cleaners, double electrical contacts on each ring, swinging "V" paddles, heavy gauge quality material throughout.

Stalls and Stanchions

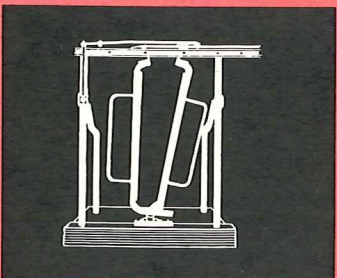
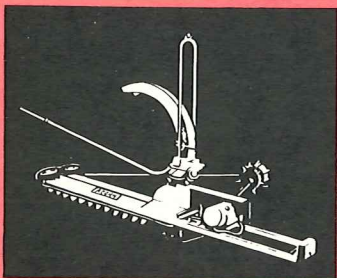
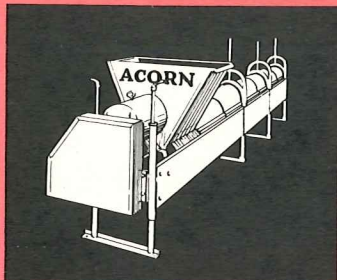
Lever stalls, hand operated stalls, comfort stalls, free stalls. All are of heavy top quality material. Certified malleable castings. Many styles to choose from.

Livestock Pens

Designed for animals from calves to largest animals. All certified malleable castings used. All double action hinges and double locks on all gates. All pens custom made to your requirements.

Other Items Not Shown

Non-siphoning water bowls — Salt bowls — Ventilating fans — (single and 2-speed fans) — Gravity and electrical air intakes — 10-Gauge Barn Columns — Post Plates —



GUARANTEE

The Acorn Equipment Company and all Acorn Dealers whole-heartedly subscribe to the policy on which our company was founded — "Complete Customer Satisfaction."

Thos G. Benzmillier
President

ACORN EQUIPMENT COMPANY

STEVENS POINT WISCONSIN



SEE YOUR ACORN
DISTRIBUTOR/DEALER

Litho in U.S.A.



THE ACORN CHAIN BARN CLEANER!

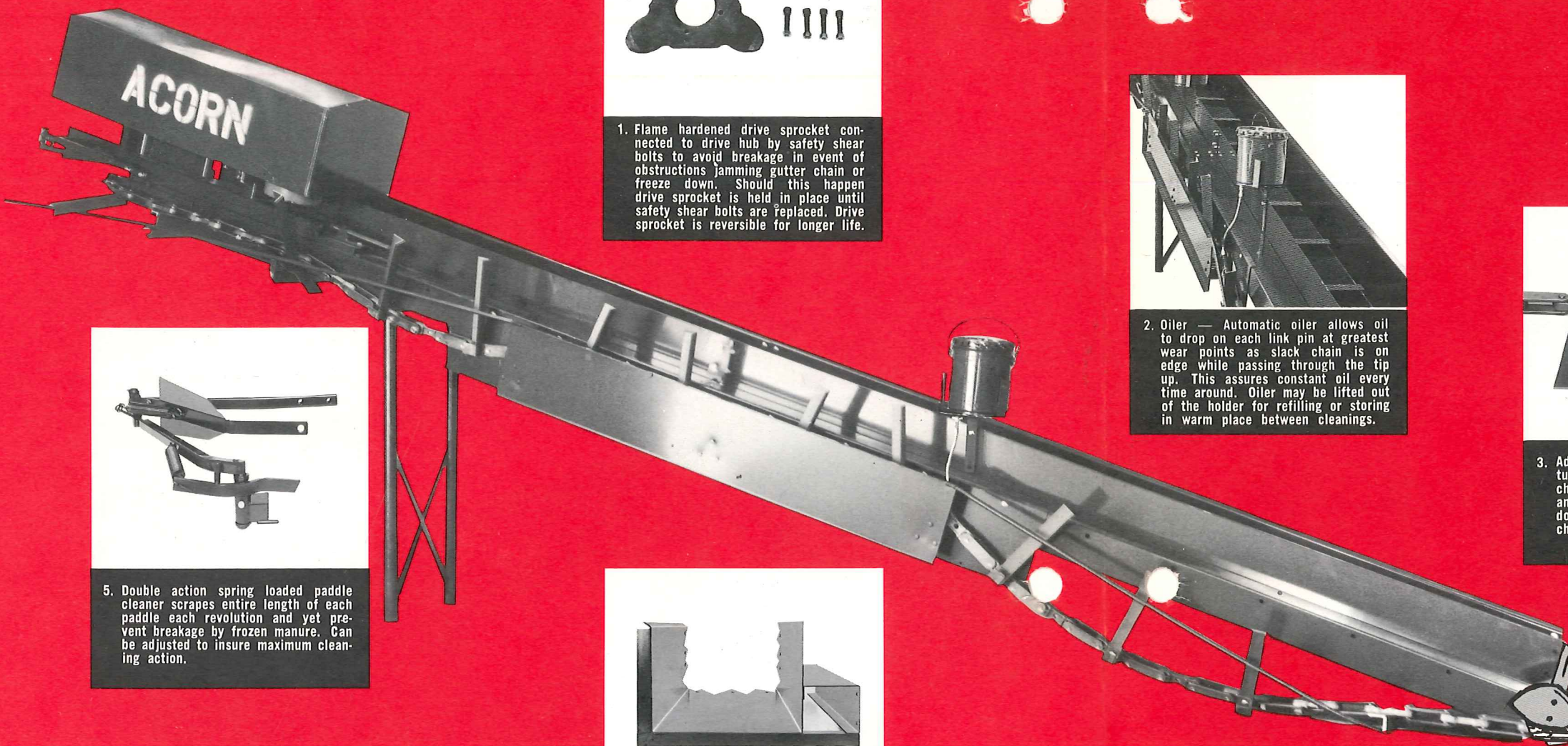
Another "better-way" product from the Acorn Equipment Company.

Today's modern farmer wants the job done right; the most thorough cleaning job to maintain high sanitary standards; fast and efficient cleaning to assure that valuable nutrients are not lost on the way to spreader or storage. And he needs strong durable machinery that is easy to install, convenient to maintain and economical to operate.

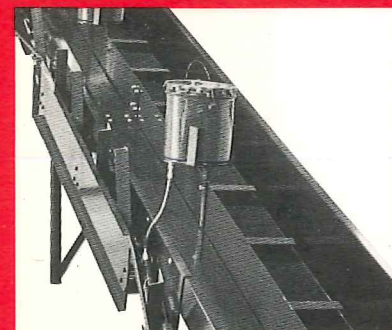
The Acorn CHAIN BARN CLEANER has all these advantages. Let Acorn tell you why it is the best buy . . . by far!



ACORN



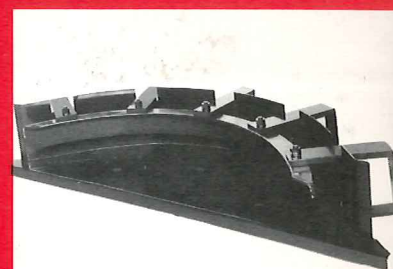
1. Flame hardened drive sprocket connected to drive hub by safety shear bolts to avoid breakage in event of obstructions jamming gutter chain or freeze down. Should this happen drive sprocket is held in place until safety shear bolts are replaced. Drive sprocket is reversible for longer life.



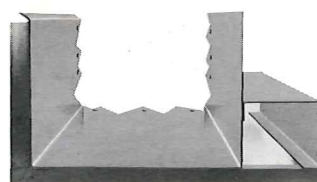
2. Oiler — Automatic oiler allows oil to drop on each link pin at greatest wear points as slack chain is on edge while passing through the tip up. This assures constant oil every time around. Oiler may be lifted out of the holder for refilling or storing in warm place between cleanings.



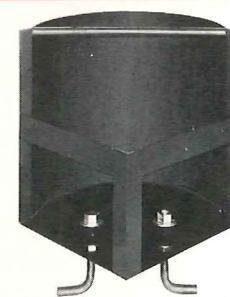
3. Adjustable cast hold down and return shoes at base of elevator guide chain smoothly both up the elevator and into the reverse curve. Hold down and return shoe are interchangeable for longer life.



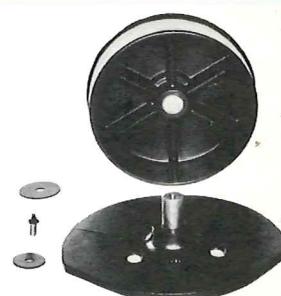
4. Heavy steel reverse curve is equipped with 5 wrap around steel cement locks and large steel wear surface on gutter bottom. Adjustable heavy steel angle iron chain guide with added wear strip assures smooth chain movement.



6. Heavy gauge elevators are 12" deep seamless steel sections eliminating leaks and needless corrosive damage in seams. Greater strength is added by use of full length formed steel elevator beam plus additional insert at outer end of beam for added transmission support.



7. Reuseable inside corner form serves as simple guide in anchor bolt placement and neat simple pattern for concrete work.



8. Larger corner rollers on adjustable mounting base. 14" corner idler reduces chain wear. Equipped with replaceable bronze oilite bearings and grease fitting. Shafts in corner base are easily replaced if necessary.

5. Double action spring loaded paddle cleaner scrapes entire length of each paddle each revolution and yet prevent breakage by frozen manure. Can be adjusted to insure maximum cleaning action.

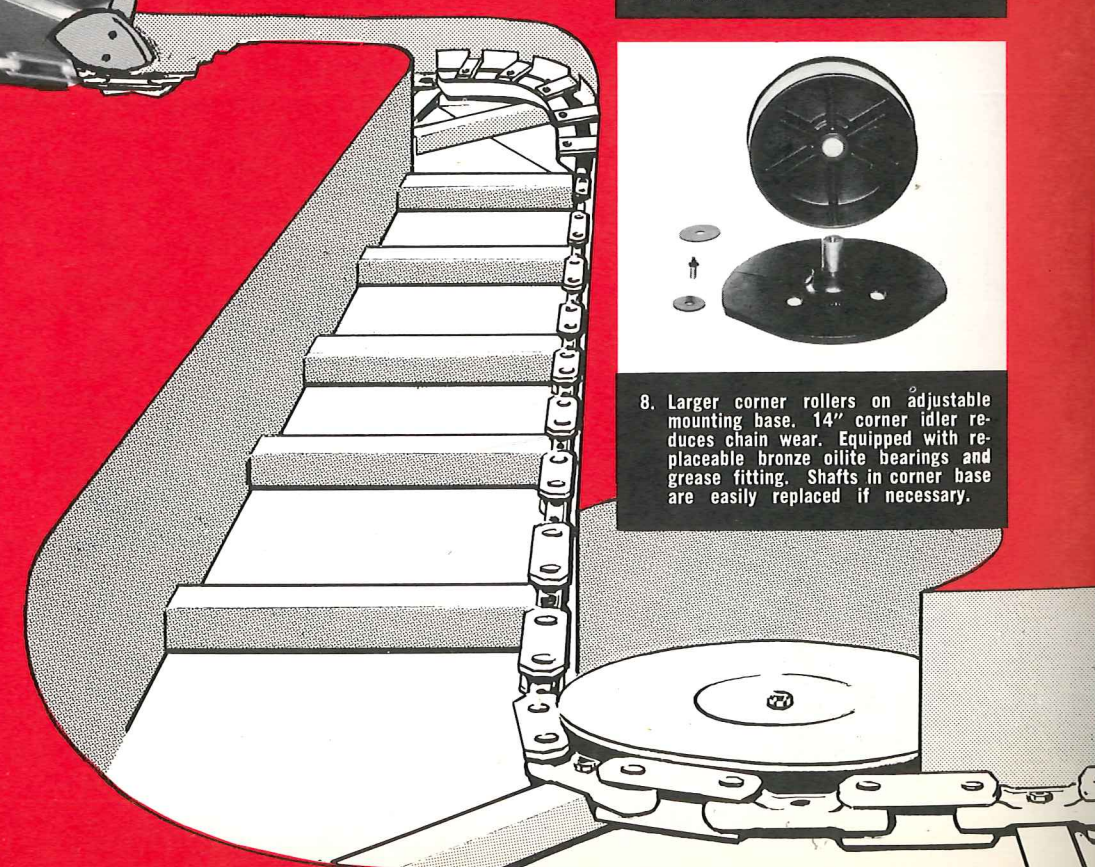


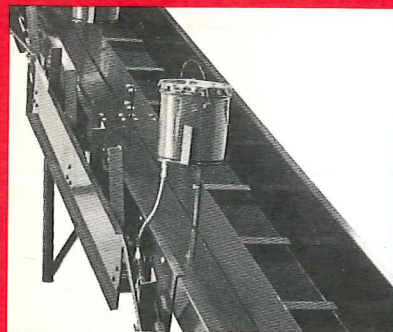
The ACORN CHAIN BARN CLEANER is a result of time tested, service proven, product engineering, incorporating the latest in design.

Made of highest quality materials — produced by experienced craftsmen — and delivered with confidence — ACORN equipment always represents the VERY BEST there is.

As producers of proven products for the farm ACORN constantly makes it a point to exceed "ordinary" standards.

In keeping with this policy ACORN once again delivers the VERY BEST Chain Barn Cleaner available to YOU!

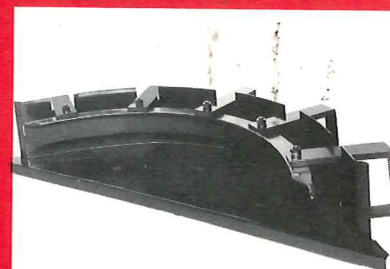




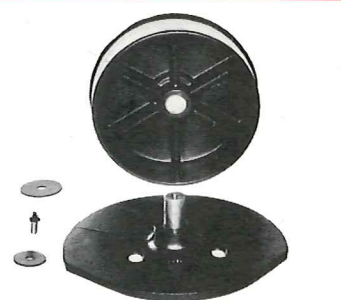
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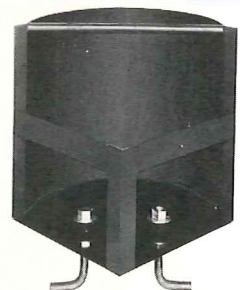
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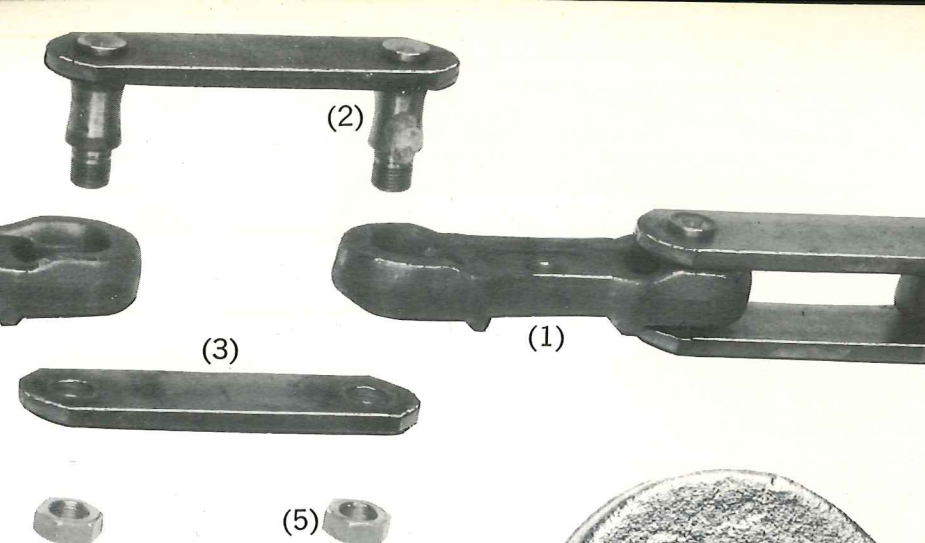
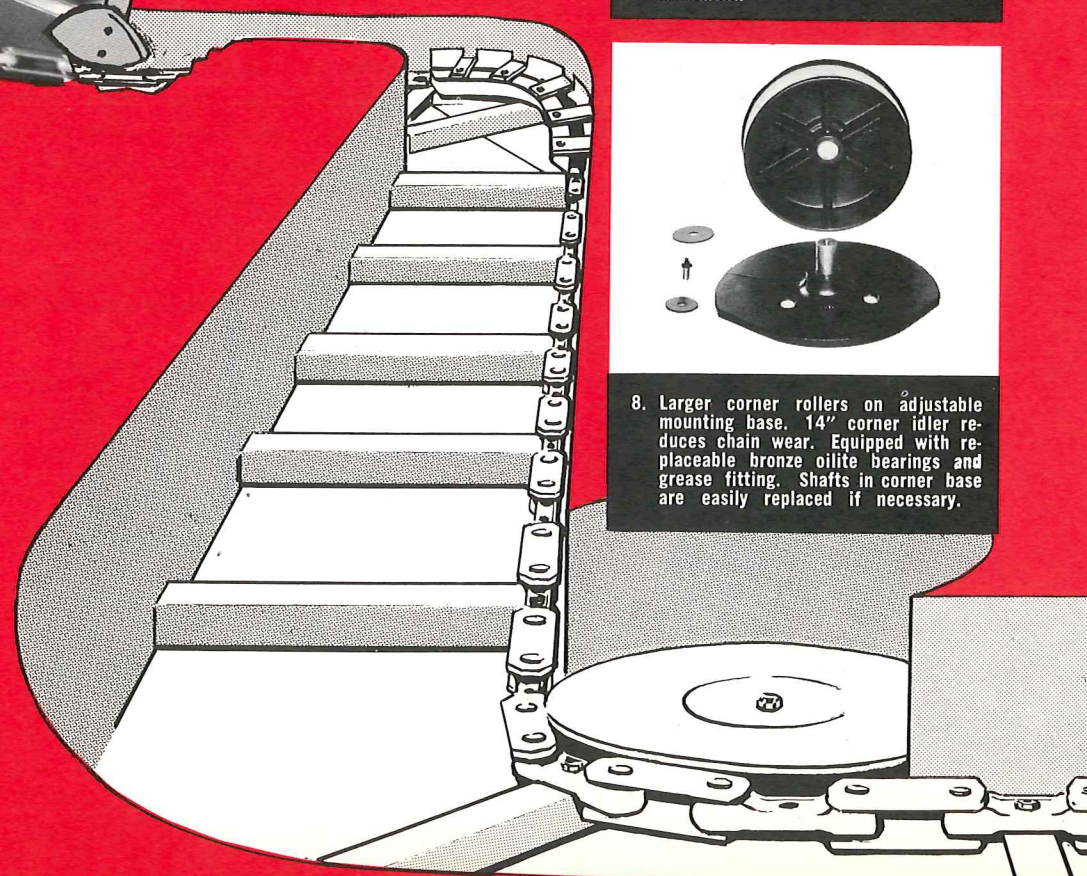
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7. Reuseable inside corner form serves as simple guide in anchor bolt placement and neat simple pattern for concrete work.



Acorn "Forged Link" barn cleaner chain is made with heat treated high carbon forgings (1) for even-flow forming to give maximum strength and uniformity of material in each link. These links are so designed to give greatest possible wear surface between forging and the beveled, large diameter high carbon alloy steel pins (2) which connect to the 1/4 x 1-3/4" flat side bars (3).

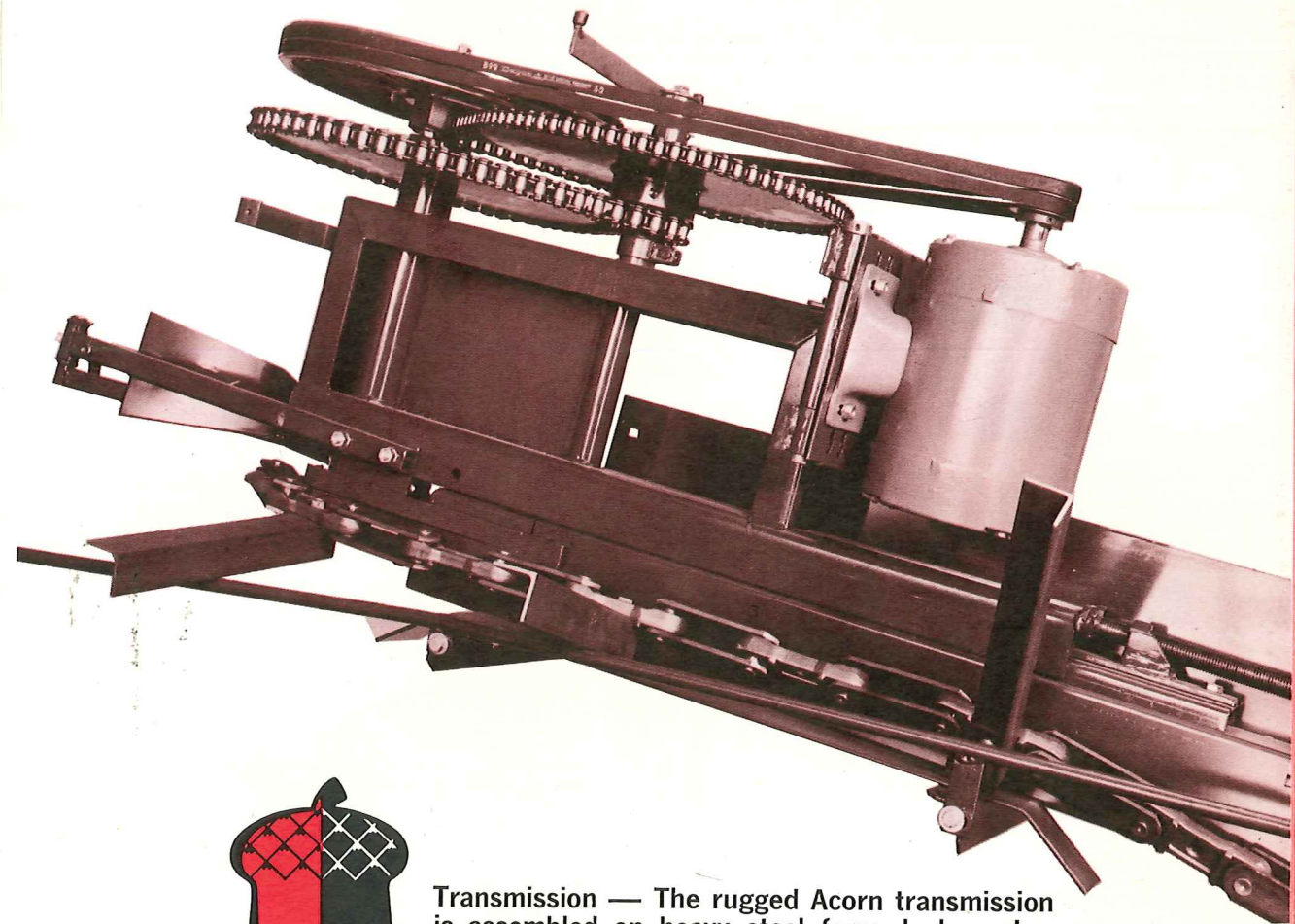
The 2 x 2 x 3/16 angle steel flights (4) are accurately fitted to the flight pocket in the forged link and are attached by 7/16" cadmium bolt and nut (5), with the nut at the top for easier assembling. Cadmium plated nuts are also used at each connector link.

Chain is supported by large 1/4 x 1-3/4" steel wear heel (6) to minimize wear on both chain and flights on gutter bottom.

HERE'S WHY A FORGED LINK IS STRONGER

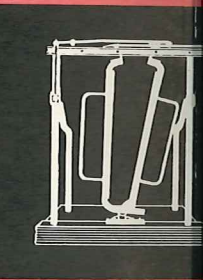
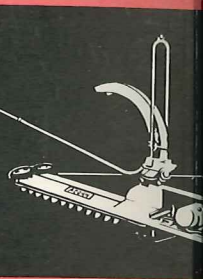
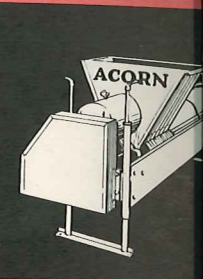
Each of the forged links in the chain is formed by the same metalworking process used in the manufacture of expensive hand tools — **FORGING**. Solid billets of high-quality steel are worked while red hot on a drop forge, with each blow of the hammer working the metal to the desired shape. This method transforms the "grain" of the metal so it "flows" around the ends and openings in the link for greater strength. After forging, each link is hardened by a heat treating process to assure uniform strength and high resistance to wear.





Transmission — The rugged Acorn transmission is assembled on heavy steel formed channel frame to maintain perfect alignment under the most extreme conditions. From the heavy double belt drive to the large 2" stressproof output shaft Acorn has put the best into this transmission both from strength and efficiency standpoint. In addition to above we have built in the following features:

1. Hinged motor mount for easy belt adjustment or replacement.
2. No. 60 & 80 heavy duty hardened roller chain — for maximum output with minimum of friction.
3. Steel sprockets — for greater strength.
4. Stress proof steel shafts — for maximum strength
5. Heavy bronze oilite anti friction bearings at outer ends of shaft housing for greatest strength alignment, and ease of operation.
6. Heavy steel manure baffle and case hardened chain stripper — for sanitation and smooth chain action.
7. Large hinged cover — to keep out elements, for safety, greasing and ease of inspection.
8. Protection caps over zerks to assure positive greasing.



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