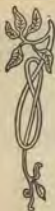


New Kentucky



Disc Drills
Shoe Drills
Hoe Drills
Press Drills
One-Horse Drills
Broadcast Sowers

Kentucky Buckeye Cider Mills
Excelsior Cider Mills

"Large increase in sales is best
evidence of quality"

MANUFACTURED BY

KENTUCKY DRILL CO.

LOUISVILLE, KY., U. S. A.

SIMPLE—STRONG—DURABLE



FRONT VIEW DISC DRILL.



SHOWING GANG PRESS WHEEL ATTACHMENT.

SIMPLE-STRONG-DURABLE



The component parts of the KENTUCKY DISC BEARING (patented and used on no other drill) are illustrated above. Over 200,000 in use giving perfect satisfaction has demonstrated this to be the most perfect Disc Bearing ever devised. A glance shows its extreme simplicity. The Disc Hub, or flange, and cones are thoroughly chilled, making them hard and smooth as glass. Thin washers placed between the cones of bearing permit of the most accurate adjustment. Caps on both sides of bearing exclude dust and retain oil. Bearing being of large diameter holds the disc in perfect position.

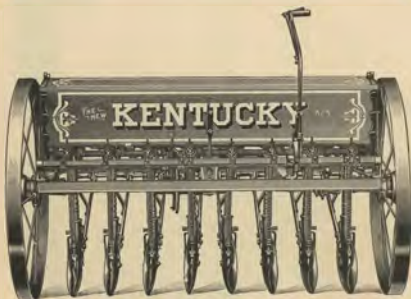
Cut opposite gives sectional view of bearing. Note the extreme clearance with no parts protruding between discs. Our Disc Bearing on account of its simplicity and durability is one of the strong features of our drill construction.



SIMPLE—STRONG—DURABLE



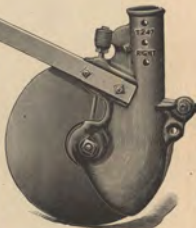
REAR VIEW PLAIN DISC DRILL
(WITH SEAT.)



REAR VIEW FERTILIZER DISC DRILL

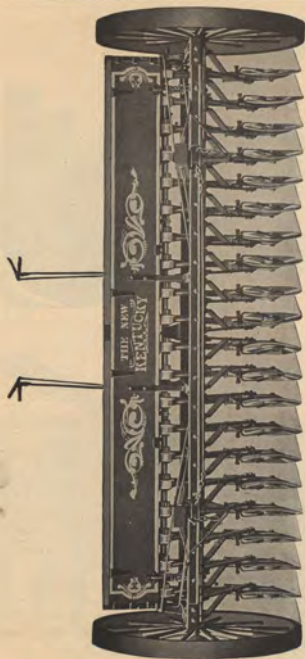
SIMPLE—STRONG—DURABLE

This cut shows convex side of our single disc open delivery furrow opener. See how close the boot or receiver comes to lower edge of disc, insuring deposit of grain at bottom of furrow. Oil device, with large top receptacle, conducts the oil to seat of disc bearing.



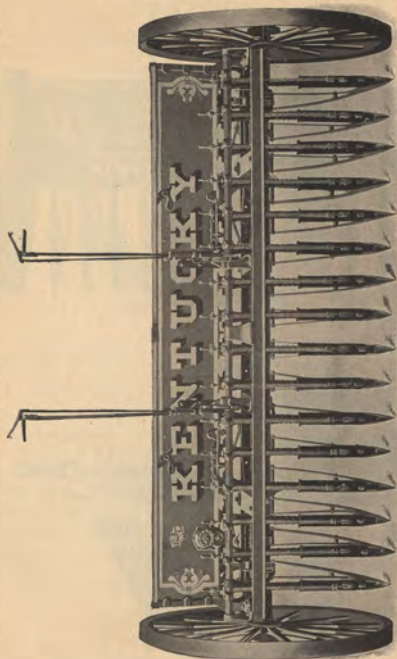
This cut shows concave or working side. No projecting parts to catch and hold sticky soil. Our adjustable spring scraper makes many friends for the Kentucky Drill. A perfect scraper in working position and when not wanted can be shifted to position of dotted lines in few seconds without use of wrench.

SIMPLE-STRONG-DURABLE



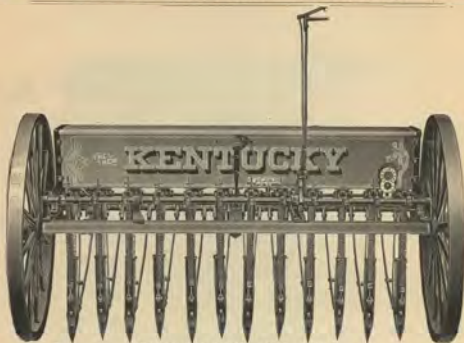
NEW KENTUCKY 20 DISC DRILL.

SIMPLE—STRONG—DURABLE



NEW KENTUCKY 16 SHOE DRILL.

SIMPLE-STRONG-DURABLE

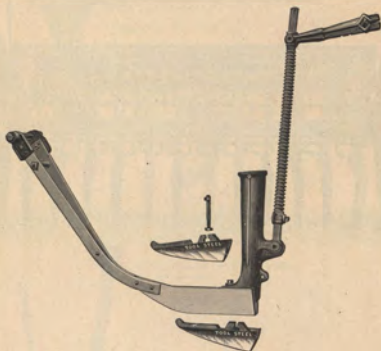


REAR VIEW PLAIN SHOE DRILL.



SIDE VIEW PLAIN SHOE DRILL.

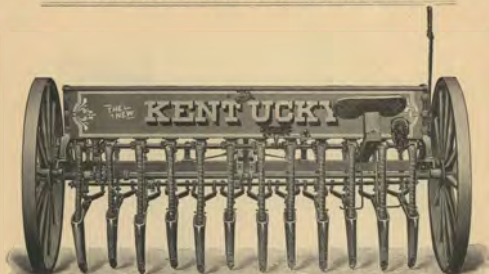
SIMPLE—STRONG—DURABLE



THE SHOE ATTACHMENT used on all New Kentucky Drills has our patented DETACHABLE HEEL found on no other make of drill. This heel is made of drop forged tool steel, thoroughly hardened like a cold chisel. Will wear twice as long as the steel out of which other shoes are made. When they do wear out can be replaced at less than half the cost of other shoes, and any farmer can put them on with a wrench. No blacksmith bill here.

THE SHOE ATTACHMENT INTERCHANGES WITH DISC ATTACHMENT.

SIMPLE—STRONG—DURABLE



REAR VIEW PLAIN HOE DRILL
(WITH SEAT)



REAR VIEW FERTILIZER HOE DRILL.

SIMPLE—STRONG—DURABLE



Straight Pin Hoe.



Crooked or Curved Pin Hoe.



Straight Spring Hoe with Pressure Spring and Ribbon Steel Grain Tube.

NEW KENTUCKY HOE DRILLS can be equipped with Straight Spring Hoe, Straight Pin Hoe or Crooked Pin Hoe, as illustrated on this page. All styles have reversible hoe points. When one point becomes worn, it is only necessary to reverse the ends and the owner has a new set of points.

SIMPLE—STRONG—DURABLE



REAR VIEW DISC PRESS DRILL.



SIDE VIEW SHOE PRESS DRILL.

SIMPLE—STRONG—DURABLE

NEW KENTUCKY PRESS DRILLS are equipped with double lever and pulley lift operated by foot and hand levers. The lifting lever is pivoted between the pulleys, giving a double pull and lift to the lifting chain—very simple and does away with complicated parts. Plunger (on lever) can be thrown out of gear with arch, allowing furrow openers to conform to unevenness of ground. Seat support is strong and well braced, insuring a firm seat with no side motion. The seat is also adjustable to conform to weight of driver. Each furrow opener has independent spring pressure, insuring one or more of them passing over obstructions without interfering with the work of the others.

Open delivery disc and shoe furrow openers for press drills are interchangeable. Constructed similar to those used on High Wheel Drills.



Above we show our new Truck Attachment for press drills which is furnished at an additional cost. This truck attachment is used generally on the larger sized press drills to eliminate neck weight. The stub-tongue, to which hitch is attached, rests on ball and socket connection with truck attachment, allowing the drill to readily conform to unevenness of ground and at the same time giving the driver perfect control of drill; easily turned and all neck-weight entirely taken off.

SIMPLE—STRONG—DURABLE



FIVE DISC DRILL



FIVE HOE DRILL

SIMPLE—STRONG—DURABLE

THE LITTLE KENTUCKY FIVE-DISC ONE-HORSE WHEAT DRILL is designed for seeding between the rows of standing corn, being preferred in most sections to hoe drills, especially when the ground is foul or covered with weeds. Discs being zigzag permit all trash to easily pass between them. The twin or double disc in the center and single discs on either side insure an even draught, all side-thrust being eliminated. The outside discs are mounted on pivoted wings. The side-thrust of these discs always cut at extreme limit in width and yet remain sufficiently flexible to automatically close up in narrow places and dodge heavy corn roots or other obstructions without use of springs.

THE BALE HITCH is the most satisfactory hitch ever placed on a one-horse drill. It is attached to a point near the discs which causes the ground wheel to keep snug down to the earth.

THE FEED is the same in principle, but smaller than that used on our two-horse drills. Above and behind the gang of discs is placed a foot-board or platform. In very hard ground a weight may be placed upon this foot-board or the operator may stand upon it, by which means any soil is easily penetrated.

Discs are adjustable to sow either 7 inches or 8 inches apart.

THE LITTLE KENTUCKY FIVE-HOE ONE-HORSE WHEAT DRILL is built on practically the same lines as the Five-Disc Drill, except that hoes are used for furrow openers instead of discs. This drill is very compactly and substantially built. The wings are adjustable by lever to different widths of rows. In addition to this lever adjustment, the wings have a spring device which permits of their easy passage through narrow spaces without lever adjustment and which also forces them back again and keeps the outside hoes as near the corn as possible.

SIMPLE-STRONG-DURABLE



WIDE TRACK 11 FT. SOWER. (Force Feed.)



NARROW TRACK 11 FT. SOWER. (Force Feed.)



AGITATOR FEED SOWER-11 FT.

SIMPLE—STRONG—DURABLE

THE KENTUCKY FORCE FEED 11-FOOT WIDE TRACK SOWER has our regular type of force feed with large capacity for sowing oats as well as other kinds of seed. Feed is driven with sprocket chain. Scatterers can not fall off or jar loose, but readily yield if striking an obstruction. Has substantial stalk fender. Hopper has double lids and is double trussed inside to prevent sagging. Has 40-inch steel ground wheel with wide tire. Simplicity of construction makes it low in price.

THE KENTUCKY FORCE FEED 11-FOOT NARROW TRACK SOWER is a strongly constructed and a very durable sower. Particular attention is called to the all-steel, one-piece frame, thoroughly braced with solid axle extending through full length of frame. Has 28-inch staggered spoke wheel with 3-inch tire and movable seat to balance with any weight driver. Hopper supported so that it can not sag to cause the feed to bind. Has feed and scatterers similar to the wide track sower.

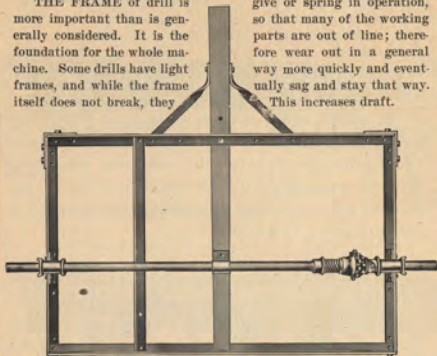
THE KENTUCKY AGITATOR FEED SOWER is a cheap sower of good quality. The cheapness is due entirely to simplicity of design and construction, as best material is used throughout.

GRASS SEED ATTACHMENTS can be supplied for any of our sowers.

SIMPLE—STRONG—DURABLE

THE FRAME of drill is more important than is generally considered. It is the foundation for the whole machine. Some drills have light frames, and while the frame itself does not break, they

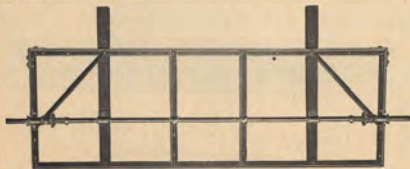
give or spring in operation, so that many of the working parts are out of line; therefore wear out in a general way more quickly and eventually sag and stay that way. This increases draft.



FRAME OF SMALL SIZE DRILLS.

Our frames are made of angle steel, TONGUES CONNECTING BOTH FRONT AND REAR AND TO AXLE WITH AXLE BOX. Hopper is thoroughly strapped and bolted to the frame without use of extra castings.

AXLES are made of polished cold-rolled steel shafting, perfectly uniform in size. Many drill axles are made of cheap steel in the rough and are not uniform in size; hence bearings fit poorly and do not wear so well.



FRAME OF LARGE SIZE DRILLS.

SIMPLE-STRONG-DURABLE



Above cut shows frame mounted on wheels with 4-Horse Roller Hitch attached.



END AXLE BOXES are hinged to frame, therefore self-aligning, easily replaced. On larger size machines are made extra long. Solid or one-piece axle boxes, bolted rigidly to frame, bite axles, run harder and do not last so long.



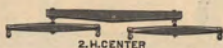
Wood Wheel.



Steel Wheel.

WOOD AND STEEL WHEELS used on Kentucky Drills are substantially built of best material obtainable. Are interchangeable on all high-wheel drills.

HITCHES



2.H.CENTER



3.H.CENTER



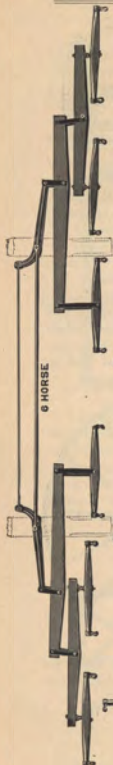
3H.ROLLER



4 H.ROLLER

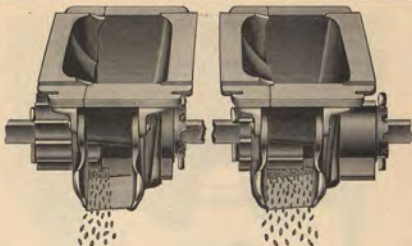


4.H.CENTER



6 HORSE

SIMPLE—STRONG—DURABLE



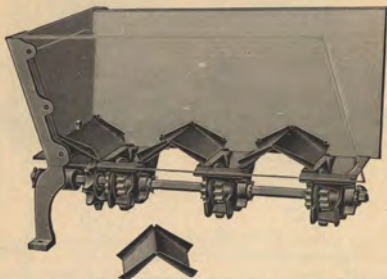
THE KENTUCKY GRAIN FEED illustrated above is a positive force feed and of great accuracy. Its parts are nicely fitted and work smoothly. Feeds of this kind (fluted or external feeds), properly constructed, rank undoubtedly as the best device thus far invented for feeding grain from a hopper or box. It sows alike up hill or down hill, when the hopper is full or when it is almost empty. To prove the accuracy of our fluted feed by comparison with other types of feeds, put grain in hopper, run it out through the different feeds on the drill, catching the seed deposited from each feed in a separate receptacle, weigh carefully each one and you will find there is less variation in quantity sown through the feeds on our drill than with any other type of wheat feed known. With our feed you have the positive assurance that each feed on your drill is sowing alike and no bunching of the grain.

Composed of few parts, any one of which can be easily replaced without being compelled to purchase a complete feed cup as with some feeds.

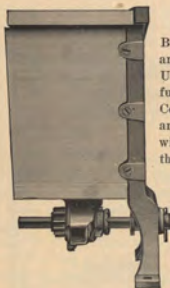
The notched washer used in connection with the Kentucky Feed permits of the parts being held strongly, securely and permanently and at just the proper tension to produce the least possible friction. Any slight variation in the length of the castings is easily taken up by this simple device.

The top of feed cups extend across the entire width of hopper bottom, giving a large roomy opening for grain to get to the feed rolls. This is especially desirable in sowing trashy seed or bearded oats. A careful examination of the construction of the Kentucky Feed with a test of its accuracy will clearly demonstrate that there is no feed on the market its equal.

SIMPLE-STRONG-DURABLE



METAL BRIDGED HOPPER BOTTOMS are a great improvement over the old style wood hopper bottoms. The grain will not lodge on them, therefore the last seed is sown out of the hopper at same rate per acre as when the hopper is full.



STEEL RIBBON TUBES not an experiment. Used for years and fully guaranteed. Conforms to any and all positions without retarding the flow of grain.



RECEDING HOPPER ENDS give plenty of clearance between hopper and ground wheels, a point of advantage plainly seen without explanation.

SIMPLE—STRONG—DURABLE

CHAIN DRIVE.—The features of advantage a chain drive possesses on a grain drill are as follows: In case a nail gets into feed, instead of breaking a gear, feed cup or twisting the feed shaft, which is a serious matter, as in a gear drive, the chain simply breaks a link and can be easily replaced at a slight cost and from any implement dealer.

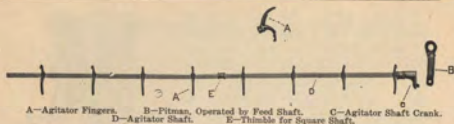


GRASS SEED ATTACHMENT, a sectional view of which is shown in this cut, is easily attached or detached and has a force feed that sows accurately without bunching. Note the ALFALFA spout conducting grass seed to top of grain tube. Many farmers sow clover seed as well as alfalfa in this manner, claiming to invariably get stand of clover. Alfalfa spouts and 8-tooth sprocket (11-tooth for grass seed) furnished at small additional cost.



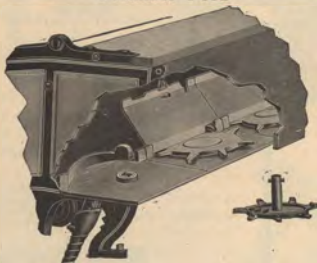
HOPPER LIDS are fastened with wrought strap hinges, not cast end hinges that are continually breaking. Self-locking supports for lids when open and substantial self-locking catches when closed; not cheap hook and screw eye. An accurate **LAND MEASURER**. Above cut shows double hopper lids used on 14x7 and larger size drills.

SIMPLE—STRONG—DURABLE



AGITATOR OR OATS STIRRER can be easily put in any Kentucky Hopper and is used for sowing bearded or rust-proof oats to prevent bridging in hopper. Furnished at small additional cost.

Fertilizer Feed



Special attention is called to the improved Kentucky Fertilizer Force Feed. It sows alike up hill, down hill, on hill side or level ground. The feed wheel fingers carry the fertilizer under the shed plate and over the discharge openings. The feed wheels have scrapers on the bottom at varying distances from center to ends of fingers, which keep the bottom plate clean and preventing sticky fertilizers from adhering to it. Quantity is regulated by changing speed of shaft. The shed plate is reversible to also increase or diminish quantity.

Few parts and can be easily taken apart without tools. This type of fertilizer feed is more generally used than any other. An evidence of its being the best.

SIMPLE—STRONG—DURABLE

SPEED TO REGULATE QUANTITY.

A pinion moved by the gauge rod up or down on a vertical shaft meshes into a speed gear disc on the main axle. Pressing down the shifter lever throws the pinion out of gear. It can then be moved across face of the speed disc until notch in gauge rod shows desired amount to be sown per acre. No loose gear wheels or extra pinions to get lost or in the way.

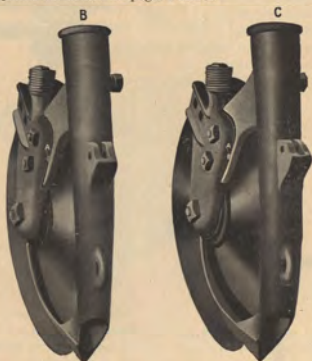


SPRING PRESSURE is attached at the rear of shoes or discs, where it is most effective. Set-screw collars (BB) at lower end of pitman can be lowered quickly for light pressure and more drop to shoe or disc than on any other make of drill; or the set-screw collars can be raised for extra heavy pressure. These adjustments are in addition to what can be done with levers by way of more or less pressure. The cotter pins at upper end of pressure rods pass through collars (AA), so that pins can not contact with lifter arms and lose out. Pressure pitmans have rounded edges which prevent their cutting or wearing into pressure springs.

SIMPLE—STRONG—DURABLE

Single Disc Closed Delivery Furrow Openers.

This type of furrow opener is made exclusively for the North-western and Canadian territories. Seeding there is done in the early spring, when the ground is very wet, and the soil is of an extremely sticky and waxy nature, which demands this style of furrow opener. We do not recommend or furnish it for the territory of Central and Western States. Interchangeable with disc and shoe furrow openers illustrated on pages 5 and 9.



ROCKER ADJUSTMENT FOR TOE SCRAPER. (Patented.)

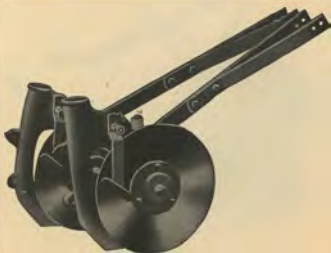
At letters A A on the above cuts, you will note a rib is cast on the receiver which fits in a groove in the hanger, the receiver and hanger being fastened together with two bolts. By tightening the nut on upper bolt, as shown in cut B, the Toe Scraper is brought against the disc, enabling you to adjust wear of toe piece, avoiding trash gathering between it and disc when worn.

If toe scraper fits too tightly against disc, retarding the free turning, loosen the upper nut and tighten the lower nut, as shown in cut C. In other words, this feature enables you to set toe scraper against disc in any manner you desire.

SIMPLE—STRONG—DURABLE

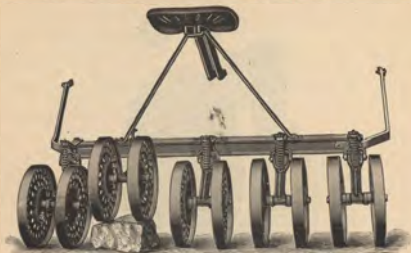


Note reversible and socketed nut (A), as illustrated on scraper bolt. When used in position B, you get ordinary scraper tension. Reversing nut (position C), you get increased scraper tension, necessary for sticky, wet soil. A simple, effective device that can not get out of order.



The above cut shows zigzag of discs on Closed Delivery Disc Drills.

SIMPLE—STRONG—DURABLE



GANG PRESS WHEEL ATTACHMENTS can be attached to any Kentucky High Wheel Drill. This construction fills a long-felt want. Is simple and practical. See cut on page 2.



SIMPLE—STRONG—DURABLE



Standard Sizes of High Wheel Interchangeable (Disc or Shoe) Drills.

PLAIN DRILLS.

- 10, 12, 14, 16, 18, 20 and 22 Furrow Openers, 6-inch space.
- 9, 10, 11, 12, 14, 16, 18 and 20 Furrow Openers, 7-inch space.
- 8, 9, 10, 12, 14 and 16 Furrow Openers, 8-inch space.

FERTILIZER DRILLS.

- 9, 10, 11 and 12 Furrow Openers, 7-inch space.
- 6, 8 and 10 Furrow Openers, 8-inch space.

SIMPLE—STRONG—DURABLE



Standard Sizes of Hoe Drills.

PLAIN DRILLS.

- 12, 14 and 16 Hoes, 6-inch space.
- 9, 10, 11, 12, 14 and 16 Hoes, 7-inch space.
- 8, 9, 10, 12, 14 and 16 Hoes, 8-inch space.

FERTILIZER DRILLS.

- 9, 10, 11 and 12 Hoes, 7-inch space.
- 8 and 10 Hoes, 8-inch space.



Standard Sizes of Low Down Press Drills (Open Delivery, Disc or Shoe).

PLAIN DRILLS (ONLY).

- 10, 12, 16 and 18 Furrow Openers, 7-inch space.
- 8, 10 and 12 Furrow Openers, 8-inch space.

SIMPLE—STRONG—DURABLE

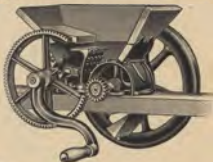


Excelsior Cider Mills.

SENIOR—MEDIUM—JUNIOR.

Our Excelsior Mill is extremely popular, especially the Junior size, which has much larger capacity than any other type of junior mill. A comparison of Excelsior Mill with any other will convince the most skeptical of its true merits.

The sectional view clearly shows the construction. The vibrating crusher opens wide enough to take in large apples without cutting, and when forcing fruit up against cylinder, it both grinds and crushes at one operation. Adjustable to grind coarse or fine.



SIMPLE—STRONG—DURABLE



Kentucky Buckeye Cider Mills.

SENIOR—MEDIUM—JUNIOR.

This sectional view shows construction of grinding apparatus of Kentucky Buckeye Cider Mills. A large cutting cylinder receives the apples from the hopper and cuts and partially grinds them into coarse lumps. Immediately beneath the cutting cylinder are two ribbed rollers, upon one of which the ribs are placed straight across the roller, and on the other are set at an angle, whose apex is on the center of the roller and points backward. This arrangement keeps the crushed fruit in the center of the rollers.

