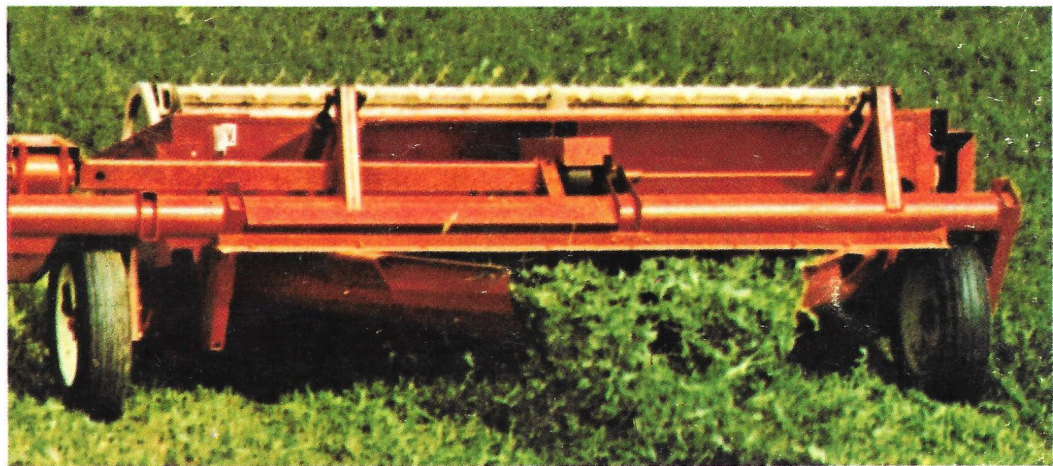
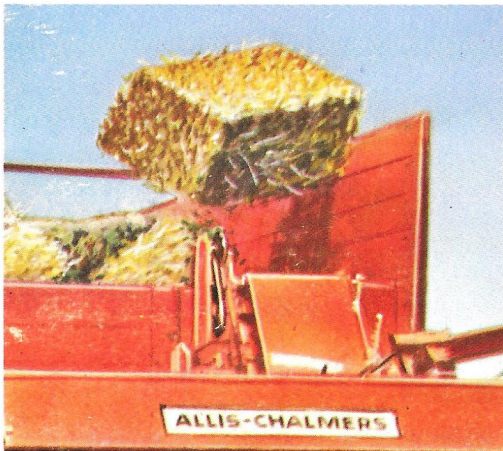
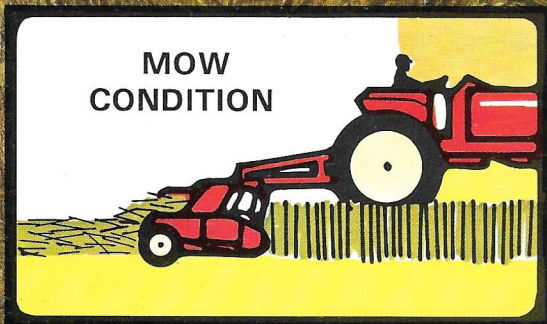
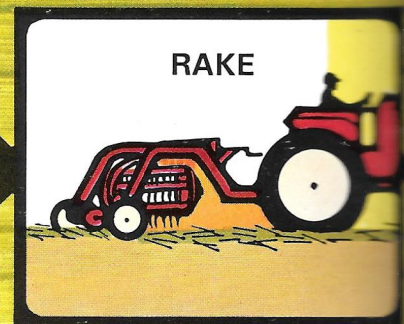
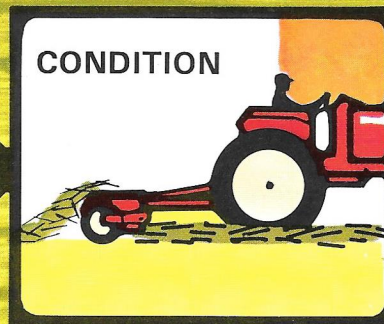
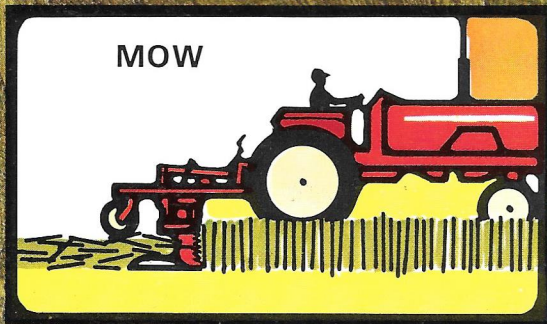
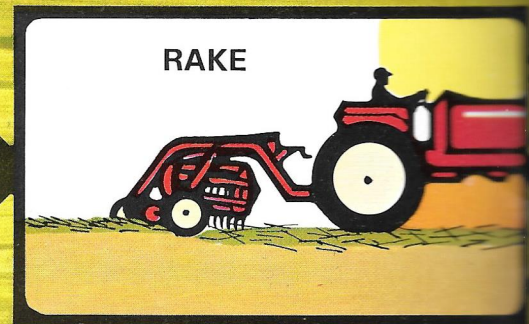
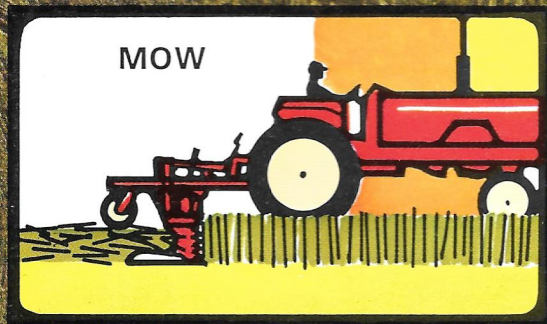


HAYING SYSTEMS

MOWERS/RAKES/CONDITIONERS/BALERS/WAGONS

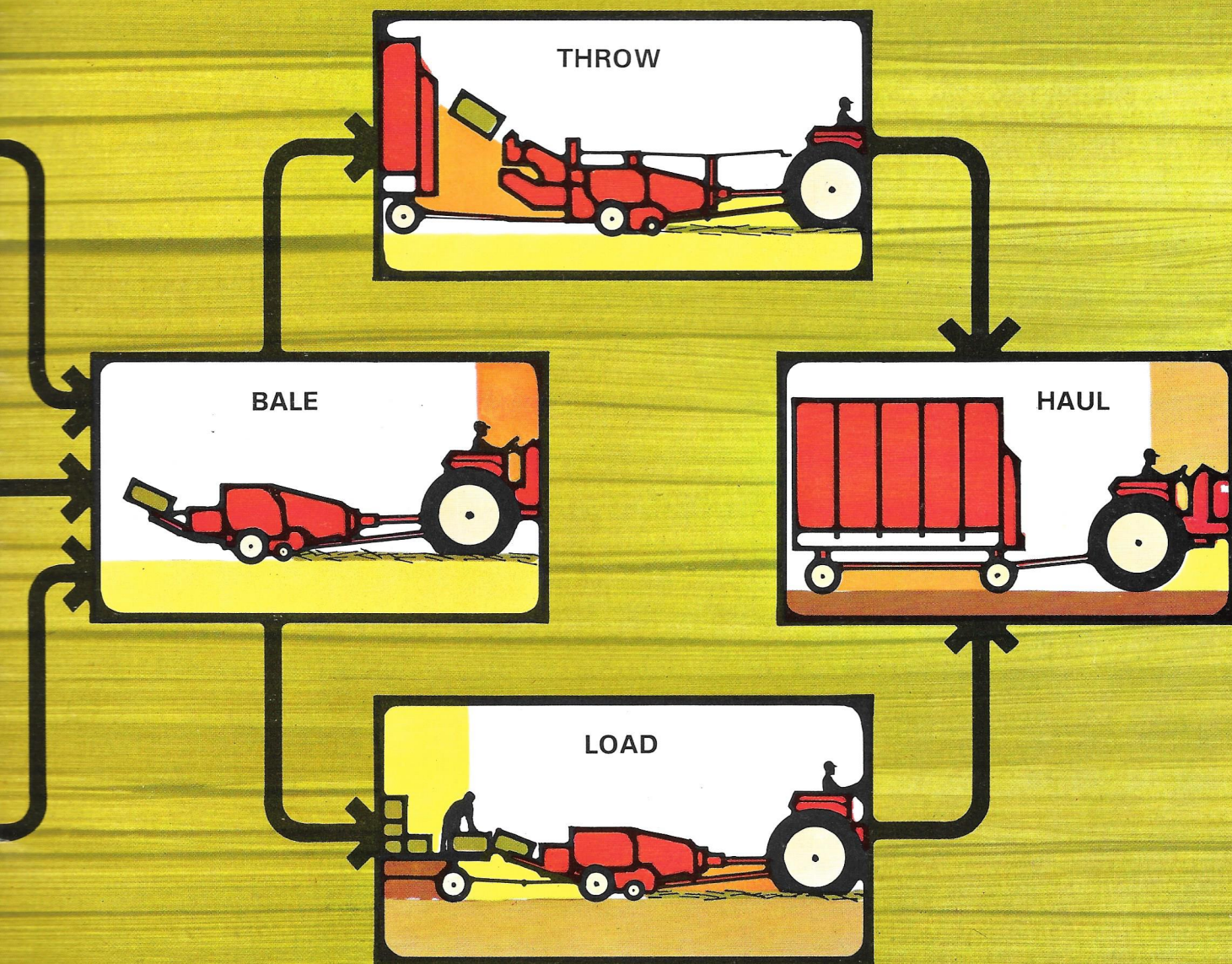


CHOOSE THE ALLIS-CHALMERS



An Allis-Chalmers system can
save work, speed up haying, make better hay

SYSTEM THAT FITS YOUR FARM



Plan a complete haying system for your farm. That's the way to take the hard work out of one of the toughest jobs of the summer. Allis-Chalmers has the equipment to fit any system you choose. If you prefer the traditional mowing, raking and baling system, there are units to do the job at fast speeds. Adding a conditioner can cut a day from your drying time. The new 904 Mower-Conditioner can save time and travel every day you make hay. Put the new 44 Bale Thrower on your Allis-Chalmers baler and you're all set for fast, efficient one-man haymaking. Take a close look at the full Allis-Chalmers line . . . then ask your dealer to help you select the units that do the best job on your crops and time schedule.

MOW, CONDITION AND WINDROW IN



Allis-Chalmers 904 Mower-Conditioner handles a 9-ft. swath

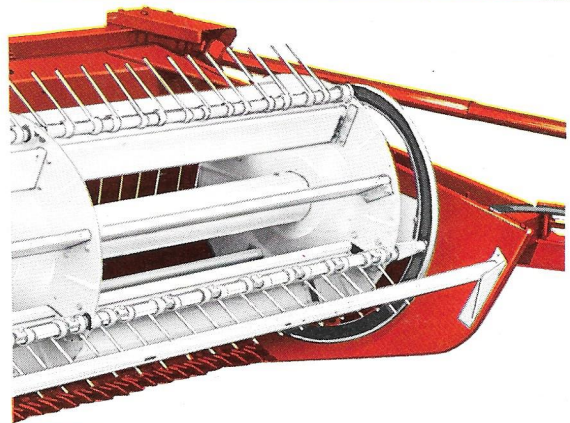
Beat the weather as you reduce haying time and costs with this efficient mower-conditioner. The Allis-Chalmers 904 gives you the right-sized swath for balers and forage harvesters . . . gently conditions every stem and leaves them in fluffy, even-drying windrows. The header pivots in the center to insure an even cut on hillsides, terraces. You get more hay with higher feeding quality. A "must" for the modern, big volume hay producer.

A SINGLE TRIP THROUGH THE FIELD



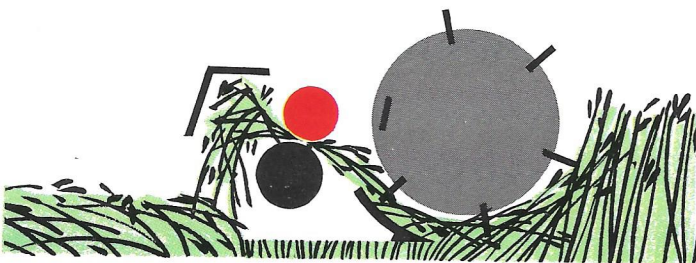
STEEL FINGERS DRAW CROP INTO SICKLE

Plugging on the cutterbar is virtually eliminated by this smooth-running, adjustable reel and its gentle-but-firm fingers. A rotating cam allows convenient tooth pitch changes. The spring steel fingers on the four-bar reel draw even the heaviest crop into the sickle . . . then move it gently back to the conditioning rolls. Crop stays in top condition with minimum leaf loss.



STEEL AND RUBBER ROLLS CRACK STEMS FOR FASTER DRYING

The stems in your hay crop will cure just as fast as the leaves when you condition that crop with this pair of hard-working rolls. The fluted steel upper roll cracks each stem several places to permit fast drying. The rubber lower roll assures positive, continuous crop flow. Equal speed prevents shatter loss . . . saves nutritious leaves and tips for livestock. Roll pressure is constant to maintain uniform conditioning.

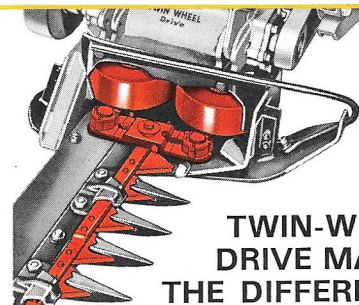


SMOOTH RUNNING TWIN-WHEEL



Mower, hay-conditioner team cuts drying time in half

Get the time-cutting efficiency of a modern hay-conditioning system with the flexibility of two single units. The Allis-Chalmers conditioner can be teamed with either side-mounted mowers, like the 82-S shown here, or trail-types. You can condition part of a field for quick handling, then leave the rest cure in the swath for later handling. With the side-mounted 82-S, you have a full view of the cutting action without tiresome backward glances.



TWIN-WHEEL DRIVE MAKES THE DIFFERENCE

Vibration and the extra wear that goes with it are practically eliminated by this unique Allis-Chalmers feature. The sickle is counterbalanced at all times . . . always operates in a level plane.

DRIVE MOWERS CUT MORE HAY



82-T GIVES YOU FLEXIBILITY WITH FAST, EASY HOOK-UP

Hitch this mower to any tractor with a standard drawbar, pto and hydraulics for a remote cylinder . . . you're ready for the biggest cutting job or a quick clean-up chore. Offset wheels assure true trailing. Available with either a 6 or 7-ft. cutter bar. Twin-Wheel Drive on the sickle with V-belt drive from power shaft. Cutter bar has safety break-back feature.

Take your choice of these 80 Series mowers



80-R3 USES PRECISE CONTROL OF 3-POINT HITCH

Get maximum mower control by making this unit part of your tractor. Mounts on your 3-point hitch in 3 minutes . . . gives you full maneuverability. Available with either a 6 or 7-ft. cutter bar. Twin-Wheel Drive on the sickle with V-belt drive from power shaft. Cutter bar has safety break-back feature.



82-R HANDLES SLOPES ON THE TOUGH JOBS

Mow from 90° above to 45° below horizontal with this semi-mounted, big-capacity unit . . . ideal for slopes and ditch banks. Hydraulic lift to get around obstacles. Available with either 6 or 7-ft. cutter bar. Mounts on category 1 or 2 3-point hitch. Twin-Wheel Drive on the sickle with V-belt drive from power shaft. Cutter bar has safety break-back feature.

RAKES WITH THE LIGHT TOUCH

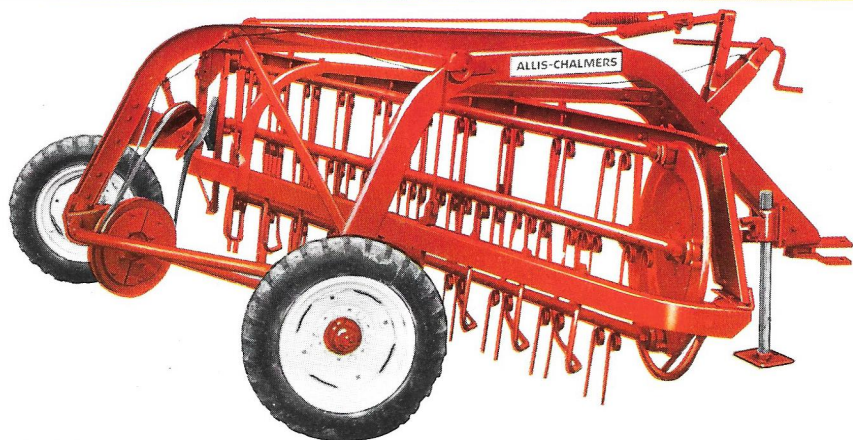


78 rake's offset wheels are set close to reel

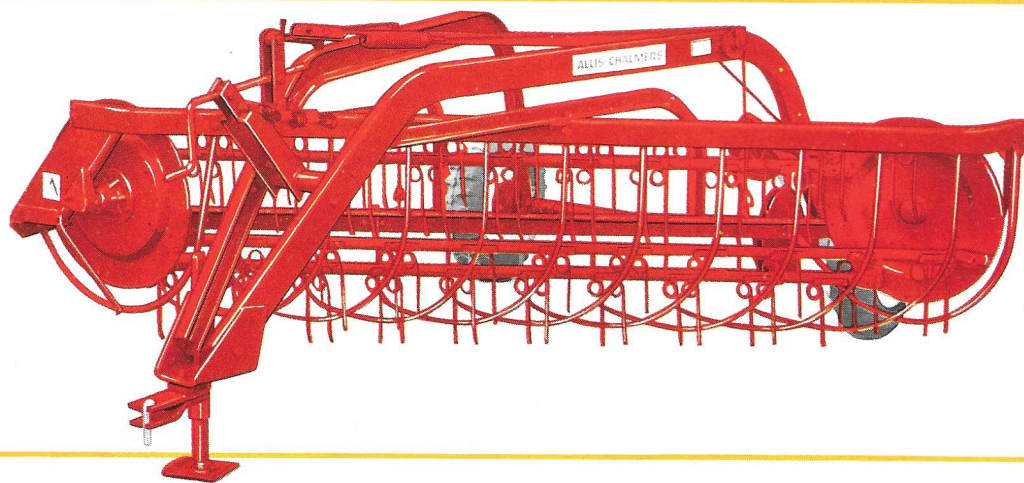
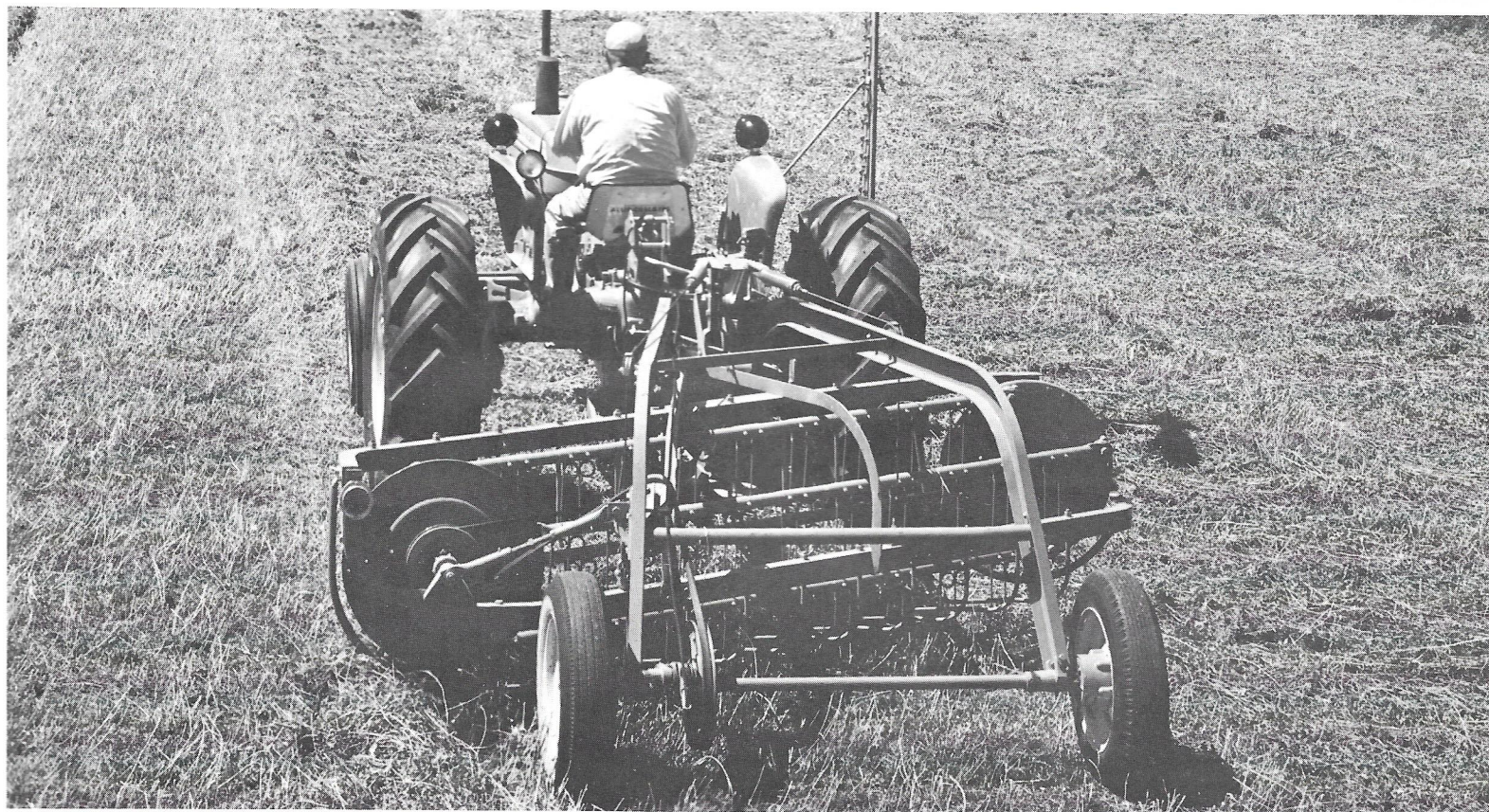
Put all of your hay in the windrow, even in rough fields, with this smooth-working rake. The right wheel runs close behind the basket so teeth follow ground contour closely. Hay is moved gently from swath to windrow. You can set the teeth to make just the kind of windrow desired. Operation is controlled easily from the tractor seat. Check these and many other features with your Allis-Chalmers dealer.

V-BELT DRIVE PERMITS FAST, SMOOTH RAKING

Change reel speed by adjusting sheaves on this ground-driven rake. V-belt drive delivers positive cushioned power to the reel for smooth operation and long life.

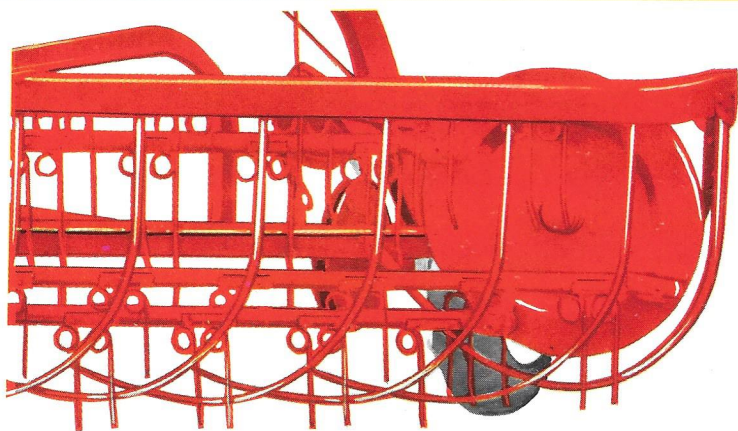


SAVE MORE TOP VALUE LEAVES



77 RAKE'S STRONG FRAME FLOATS BASKET OVER THE GROUND

Years of dependable service are built into this model. Extra strong channel steel, which lets you float the basket at the right height, forms the arched frame. The parallel-bar design provides gentle handling. Ground driven through a V-belt, you can adjust reel speed, basket height, tilt and teeth angle.



REELS RUN ON SEALED BEARINGS

The precision built reel runs smoothly on sealed ball-type bearings for long life. This reduces power requirements as well as wear. Bearings can be replaced individually, if necessary. These attach to husky, reel-end discs.

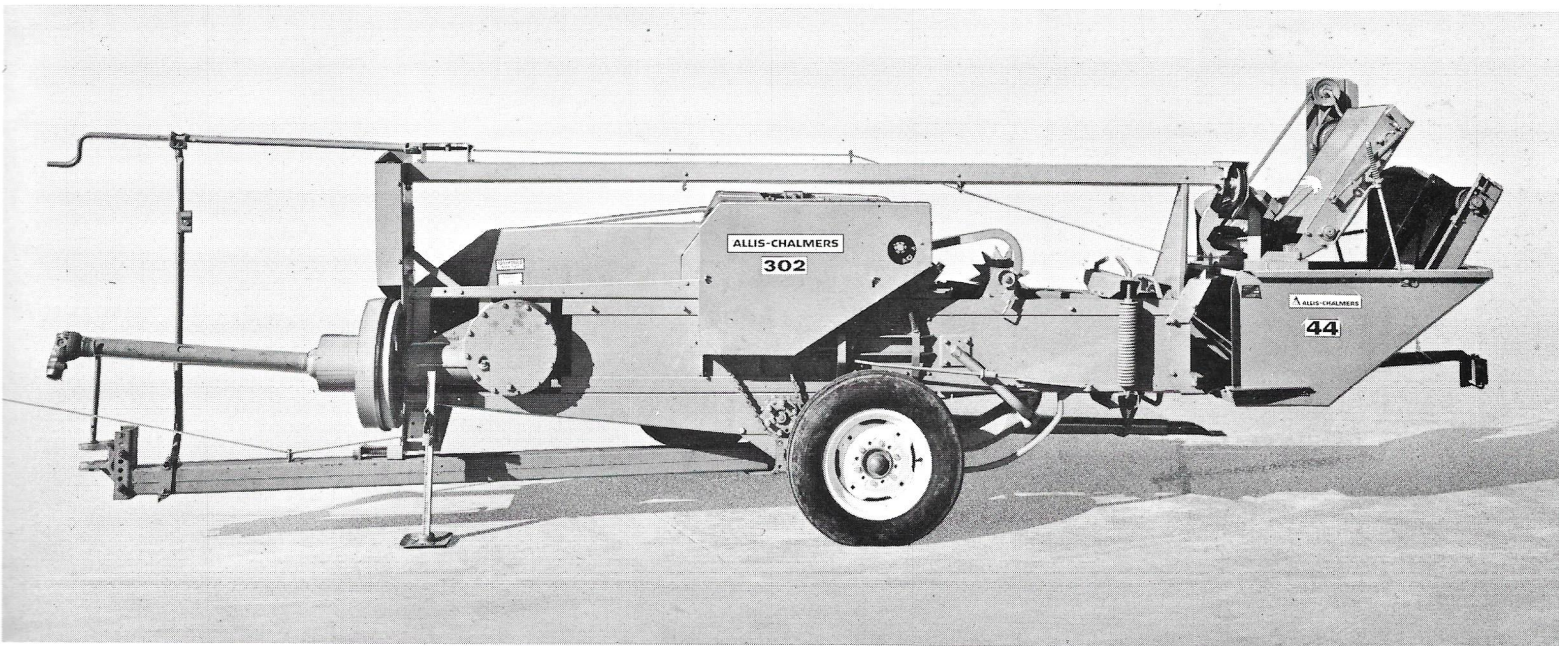
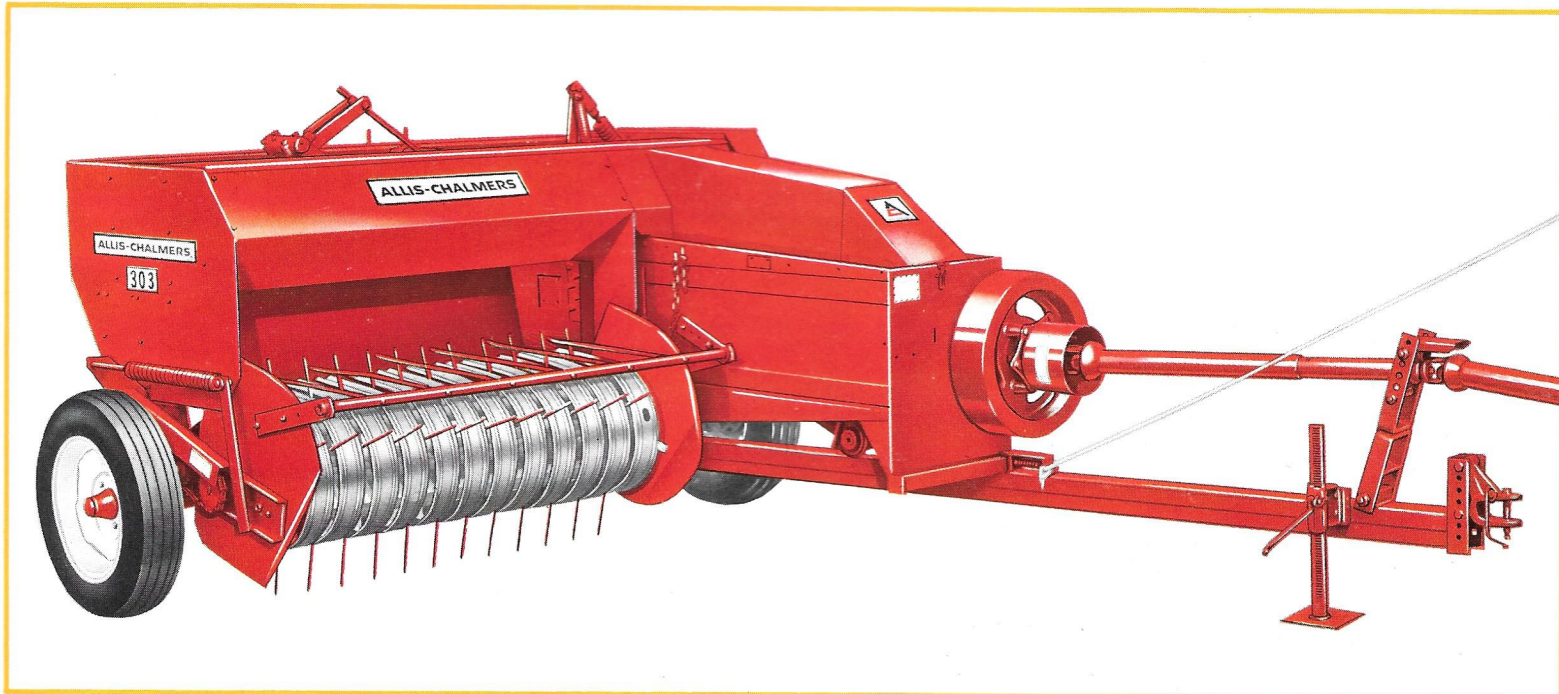
HERE'S THE KEY TO AN EASY



Allis-Chalmers 300 Series balers get the crops in fast

When your hay is ready to bale, you need a big-capacity, dependable baler to get it while quality is at its peak. And that's what you have in the 300 series balers. Years of engineering know-how and practical field experience are built into each machine to help you keep going at full speed. Available in either twine-tie or wire-twist models.

ONE-MAN HAYMAKING SYSTEM

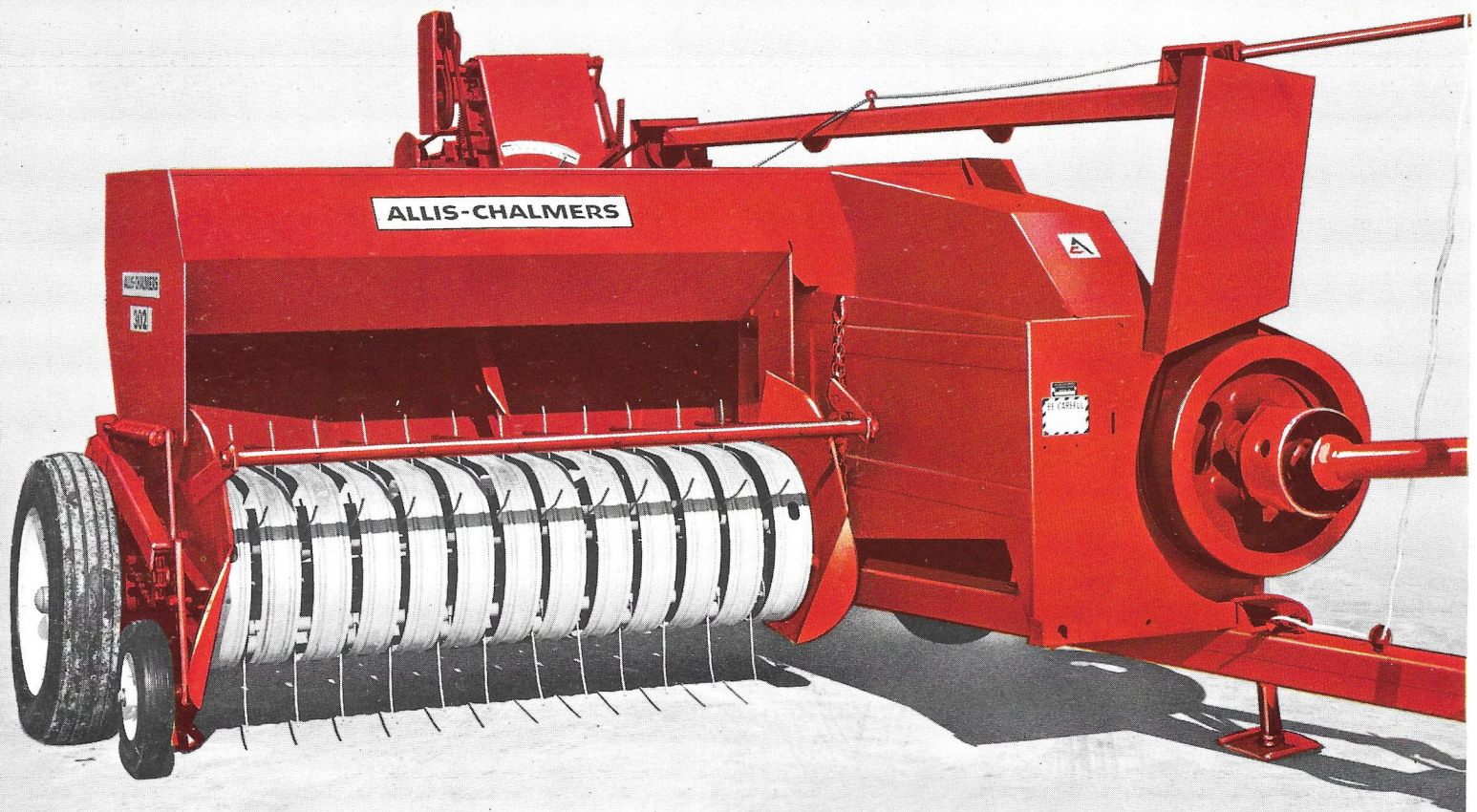


Allis-Chalmers 44 Bale Thrower puts bales where you want them

Haying can be a one-man job . . . and not too hard a one, at that. These balers are available with a dead-eye bale thrower that lets you put bales where you want them in the wagon. Controls operated from the tractor. Wagon-tongue control pivots bale thrower for continuous loading on turns.

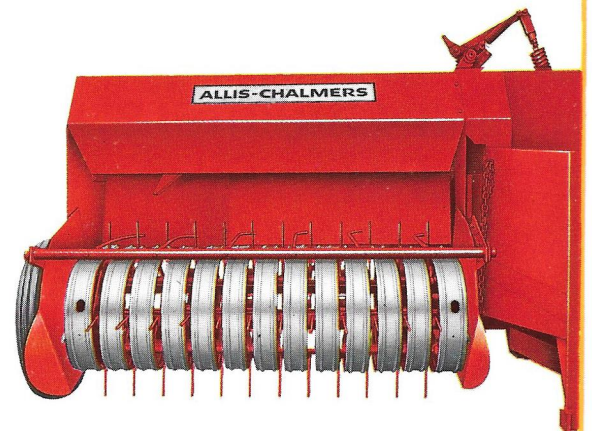


HERE'S WHY AN ALLIS-CHALMERS

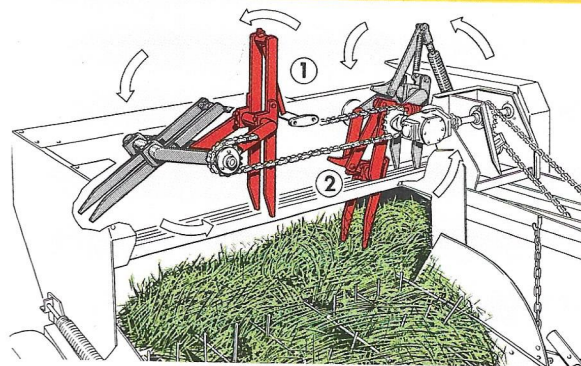
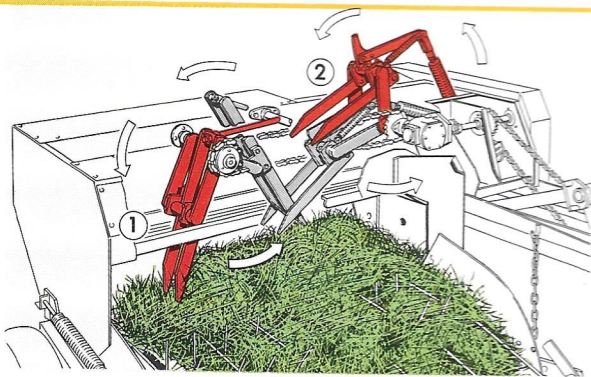


Big capacity pickup gathers heavy swaths

Wide, heavy windrows are no problem with the 300 series balers. A full 5-ft. pickup lets you handle them with ease. The pickup reel provides fast, gentle and complete gathering while the spring-loaded crop guard assures uniform feeding, even on windy days.



BALER CAN HANDLE MORE HAY

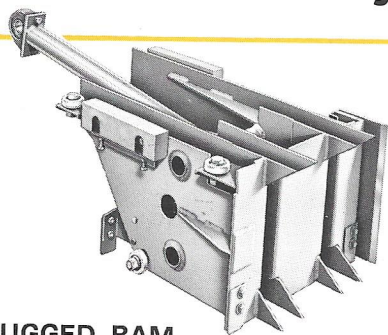


Twin-feed rakes move a steady flow of hay

Synchronized double forks move hay in a controlled stream into the bale chamber. A full charge is delivered on every stroke of the ram. Rake No. 1 reaches into the crop at the outside corner of the feeder housing, carries it smoothly toward the

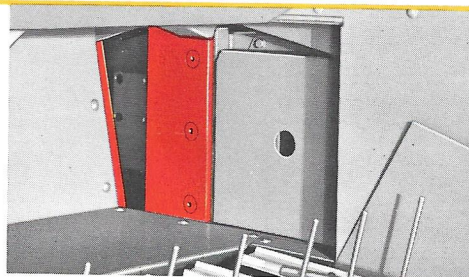
bale chamber. As the crop reaches the center of the housing, rake No. 2 picks up the crop and moves it into the chamber. Rakes retract up and out of the hay on each back stroke. There is no dragback . . . one rake is always moving in the direction of the chamber.

Six reasons why you get square, uniform bales



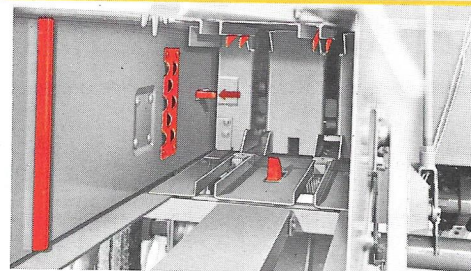
RUGGED RAM

Operates on seven hardened steel rollers which run on sealed-for-life bearings . . . assures low rolling resistance for long life. Special oil-impregnated, hardwood ram slides are used to eliminate "bounce."



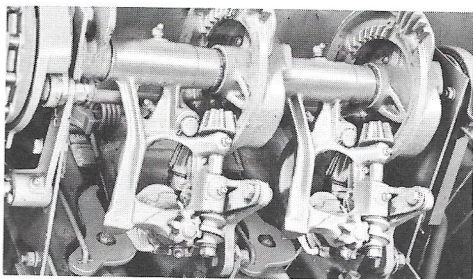
RAM KNIFE

Case-hardened high carbon steel knife stays sharp longer, cuts cleaner. Stationary shear knife is set at an angle to provide scissor-cutting action . . . takes less power . . . makes neat, clean bales.



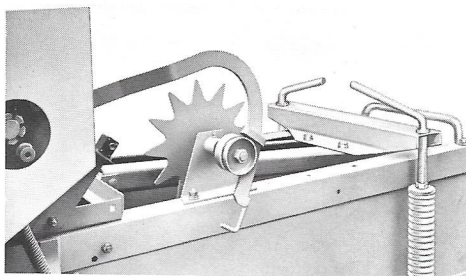
HAY DOGS AND RETAINERS

Partially formed bale is held in position for next ram charge. Ram stop (arrow left) protects needles by preventing ram from completing its stroke in the event the needles fail to properly retract.



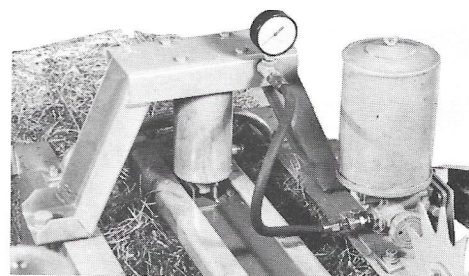
TWIN KNOTTERS

Conventional design with disc-type twine holders to assure positive tying. Twin discs and bill hooks are electroplated for long life. (Models also available with simple, proved wire-twisting device.)



BALE LENGTH

Star metering wheel controls length from "thrower size" up to 42 inches. Just reposition a clamp on the regulating arm.



BALE TENSION

Controls weight and density. Adjust manually or hydraulically (as shown above). Hydraulic option maintains constant, preset pressure . . . produces bales of consistent weight and density, regardless of crop conditions.

KEEP YOUR HAY MOVING



Big, self-unloading power feed box eliminates hard work

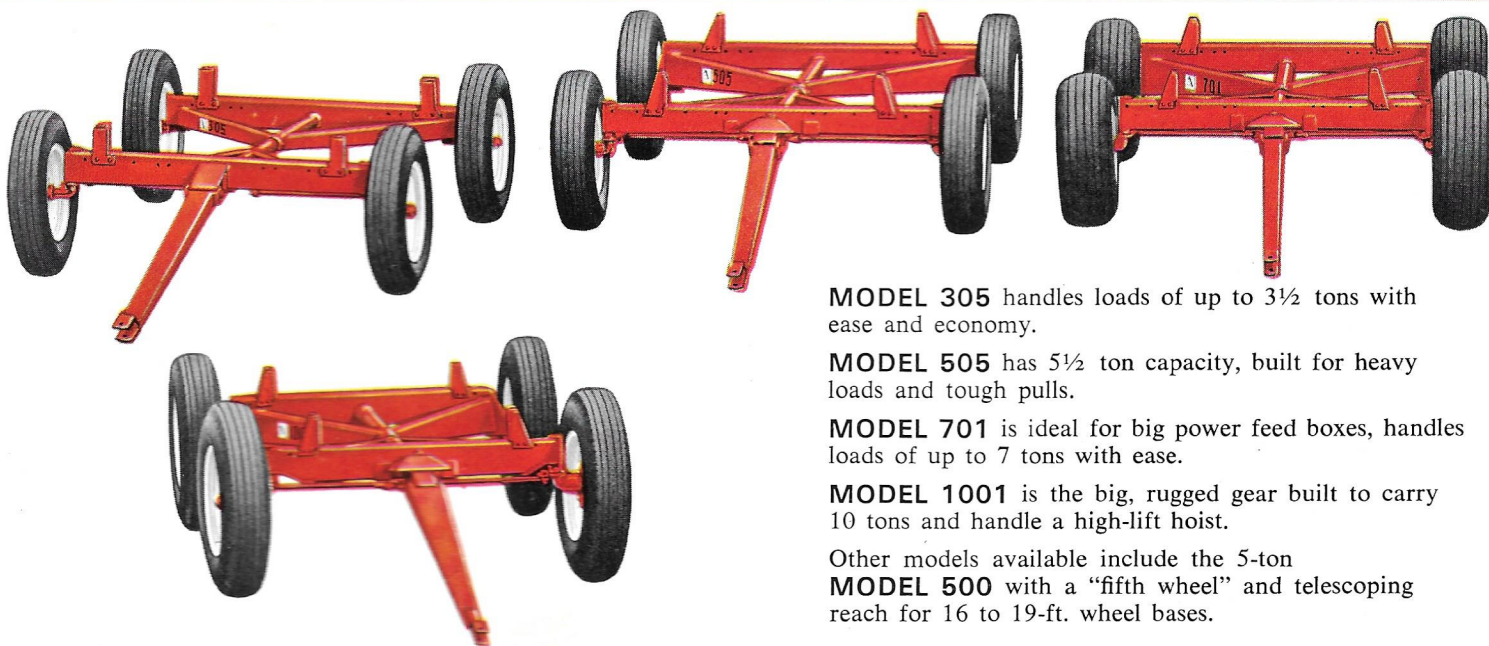
Forget about the heavy lifting once considered part of handling baled hay. Just as the bale thrower loads for you, this wagon will unload . . . you just guide bales into an elevator as they roll out. Self-unloading feature lets you stay on the ground, too. Power feed boxes are available in several sizes. Match one or more with Allis-Chalmers running gears designed to meet your needs.

WITH A BIG CAPACITY WAGON



Here's a wagon that works year-round

You'll find many uses around the farm for these rugged, handy, power feed boxes. Mounted on a 701 gear, as shown here, they are ideal for moving grain, silage and haylage, as well as bales. Use them in the feedlot year-round.



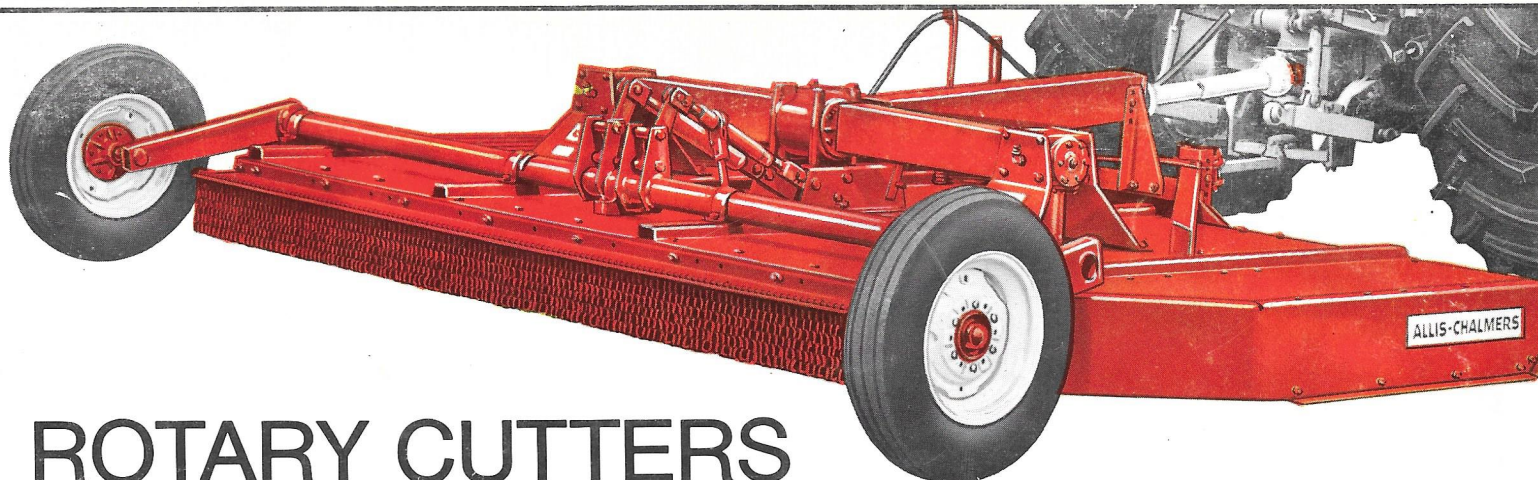
MODEL 305 handles loads of up to 3½ tons with ease and economy.

MODEL 505 has 5½ ton capacity, built for heavy loads and tough pulls.

MODEL 701 is ideal for big power feed boxes, handles loads of up to 7 tons with ease.

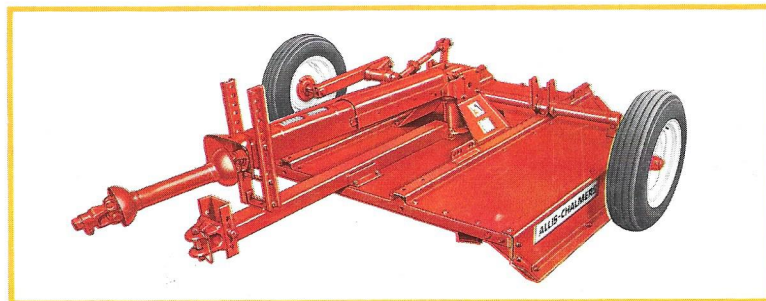
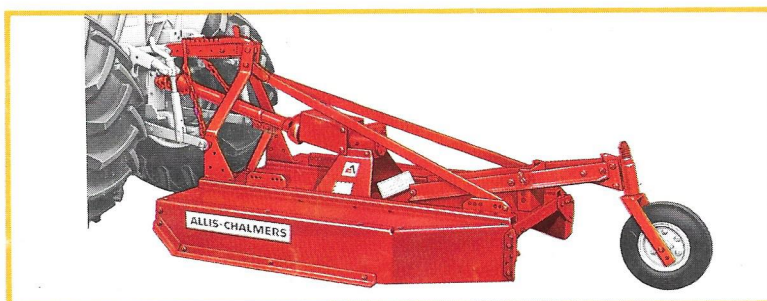
MODEL 1001 is the big, rugged gear built to carry 10 tons and handle a high-lift hoist.

Other models available include the 5-ton **MODEL 500** with a "fifth wheel" and telescoping reach for 16 to 19-ft. wheel bases.



ROTARY CUTTERS TAKE OVER CLEAN-UP JOBS

Clean-up jobs, from first growth in spring until the last dry stalk is chopped in winter, are done right when you use an Allis-Chalmers rotary cutter. Mow pastures and roadsides, control brush and chop corn or cotton stalks. The big rugged 284 shown here covers four 40-in. rows . . . makes short work of stalk shredding and other big jobs with its 13-ft., 8-in. cut. Deck and side plates of all models are 3/16-in. steel. Precision gear boxes are rated at from 60 to 110 hp.



160

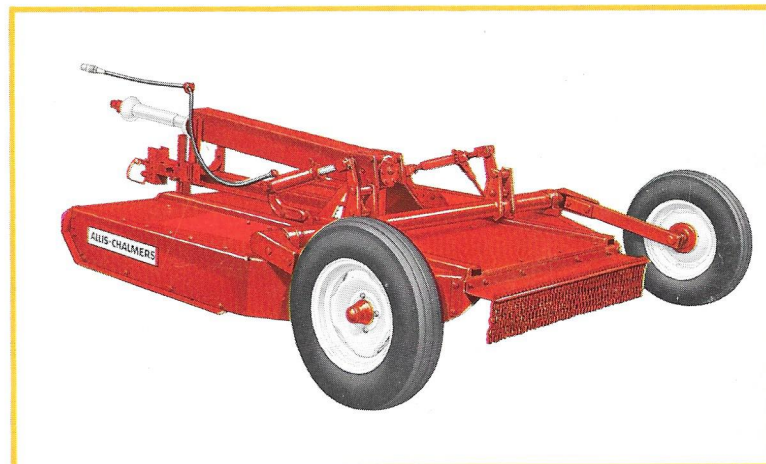
This rugged 5-ft. cutter is made for land clearing and tough shredding jobs. Mounted model has optional trail wheel. Also available as a pull-type.

172

Move right through heavy stalks, tough weeds or brush with this 6-ft. cutter . . . available as either a mounted or pull-type unit.

184

Match the wheel tread of this 7-ft. pull-type unit to your row spacings. You have nine choices of tread width, from 75 to 99½ in. Ratchet jack sets cutting height at from 1 to 13 in.



FARM EQUIPMENT DIVISION
MILWAUKEE, WISCONSIN 53201

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