January 1950

Advertising Brochure: Allis-Chalmers

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New Developments that mean Better Living,
Better Farming and More Profit for you
SQUEEZING MORE WORK FROM EVERY GALLON

Powering the great WD-45 Tractor is the dynamic POWER-CRATER engine which gives premium fuel performance on regular gasoline. Pistons in the POWER-CRATER engine are designed to create an improved turbulence of air and fuel on the intake stroke. On compression, this turbulence is directed into the center of the combustion chamber. “Center-fire” combustion permits quick, uniform burning in all directions... for greater horsepower and fuel economy. POWER-CRATER design also retains all the basic features of long engine life: low engine speed, low rate of piston travel, uniform cooling with “wet” cylinder liners, full-pressure lubrication, and lightning-fast governor.

The long-time need for farm production is UP. Our U. S. population is growing by more than 2 million persons a year, while the number of productive acres remains almost constant. The 1975 population (see graph below) is expected to reach 190 million people. To feed them as we eat today will require 10 million more cattle and calves, 20 million more hogs, 33½ million more sheep, 6 million more milk cows, and 87 million more laying hens.

Supporting this increase will require added production equal to what we now get from 115 million acres of cropland.

Your Farm Power must save time and money now—and equip you for the bigger markets to come. The dynamic new POWER-CRATER engine shown below was developed to meet this double challenge. In the WD-45 Tractor, this engine will save you time and help you boost yields per acre, now. At the same time, it will assure you the extra power you need for an expanding future.

This remarkable engine provides premium fuel performance on the regular gasoline you are now using. It is an outstanding product of the advanced engineering which has made Allis-Chalmers a leader in many kinds of basic power... from farm tractors to giant electrical generation and transmission equipment. Typical is the huge transformer pictured on the cover of this booklet next to a carload of WD-45 Tractors. Both are products of the West Allis Works of Allis-Chalmers, Wisconsin’s largest manufacturing plant.
"If we can't build it better, we won't build it."

"Machines designed to pay a profit on the family farm."

These two basic ideas have made the Allis-Chalmers Tractor Division a consistent leader in better farm equipment.

Shown on this page are some of the outstanding "firsts" which have blazed the way to better living, better farming, and more profit on millions of American farms. The first tractor on low-pressure rubber tires, the famous ALL-CROP Harvester, the WC Tractor, quick-hitch and drive-in mounted implements . . . each in its own time proved that the way to better performance was in lighter yet tougher machines with more work capacity per pound. Today, as in the past, Allis-Chalmers is blazing the trail in farm mechanization—building better machines designed to pay a profit on your farm.

This is the first farm tractor ever to use low-pressure tires. Albert F. Schroeder of Waukesha, Wis., used it from 1932 until 1946. It is now on exhibit at the permanent museum of the Wisconsin Historical Society.

Introduced in 1935, the ALL-CROP Harvester is an Allis-Chalmers tradition. It brought home ownership to the family farm and eliminated big crews of men to feed at harvest time. In addition, it introduced direct combining of such crops as soybeans, grass and legume seeds. No other machine has done so much for so many.

In 1930 Allis-Chalmers introduced the UC cultivating tractor with a quick-hitch, drive-in cultivator. Soon a power lift was added to raise the cultivator at row ends. This is the predecessor of the modern Allis-Chalmers line of hydraulically lifted, quickly attached implements.
Only the WD-45 Tractor has POWER-CRATER engine, power-shift rear wheels, two-clutch power control, automatic traction booster, 5-way hydraulic system, 4-speed helical gear transmission, full-width 12-inch rims, starter, battery, lights and other outstanding features—all as standard equipment! No other 3-plow tractor offers the farmer so many advantages . . . so much performance . . . at so low a dollar investment!

4-Row Planter has short-drop boot for accuracy and hydraulic lift for fast field work. Over 100 corn, cotton, and bean plates are available. Big fertilizer hoppers have either gear or gate-type feed.

4-Row Cultivator matches rows planted with 4-row planter. Cultivator is front-mounted and hydraulically lifted. Through parallel linkage, each gang works independently at depth selected by you.
**Built-in WD-45 Conveniences**

**SNAP-COUPLER**

Only one hitchpoint to line up. Just aim the implement tongue at the SNAP-COUPLER and back your tractor from any reasonable angle. SNAP-COUPLER locks automatically. Attach the hydraulic lift latches and go.

**Power-Shift Wheels**

Engine power shifts rear wheels in or out on heavy spiral rails to give correct tread spacings for each and every job. You need no jacks—waste no time. Wheels can be spaced wherever you are.

**2-Clutch Power Control**

Hand-operated transmission clutch, in addition to foot-operated master clutch, means no shifting when starting or stopping power to rear wheels...continuous power take-off at recommended harvesting speed when tractor is stopped or when easing through swales. The foot clutch stops all power outlets for safety.

**Traction Booster**

The hydraulic system automatically transfers implement weight on tractor rear wheels as needed for traction. It permits WD-45 to handle jobs with mounted tools that would normally require the weight of a much heavier tractor.

**Disc Harrow** that matches the WD-45's power is this No. 40. It's fully mounted, hitches with the SNAP-COUPLER and rolls on sealed BAL-PAK bearings. Ask about Nos. 20 and 30 lines of mounted harrows.

**Subsoiler** that penetrates down to 18 inches and stays there is your key to water and soil control. The subsoiler utilizes the Traction Booster for hard pulling in tough soil.

**plus POWER-CRATER engine**

ALL-CROP, ROTO-BALER, BAL-PAK, POWER-CRATER, and SNAP-COUPLER are Allis-Chalmers trademarks.
ALLIS-CHALMERS Model CA – The only tractor in its power class with complete farm power. Check the features below.

**Traction Booster** means extra weight on rear wheels automatically when you need it for traction.

**Two-Clutch Power Control** means starting and stopping tractor with continuous power take-off operation.

**Power-Shift Wheels** mean shifting the rear wheels in a jiffy by engine power. No jack or hammer needed.

**SNAP-COPLER** means mounted implements on or off, quick as a snap.

**Fully Mounted Disc Plows** have good penetration and high clearance. Two-disc CA model hitches with the SNAP-COPLER and uses the hydraulic traction booster for added traction in tough soil. Adjustable scrapers control pitch.
Here's a new kind of big 2-plow power—a tractor built to plow deep with 14-inch bottoms, to harvest your heavy crops with power take-off equipment, to subsoil down to 18 inches in dry soil, to handle 2-row planters and cultivators with new precision and ease. Shown above is the 2-way spinner-type plow.

**Front-Mounted Drive-in Cultivators** for the CA Tractor offer exceptional crop vision. Uniform depth of work is assured by parallel linkage. Gangs are hydraulically lifted with delayed lift for rear bar.

**Mounted Coil-Shank Cultivators** have deep-digging, vibrating action. They hitch with the SNAP-COUPLER and are hydraulically lifted. Gauge wheels are available as extra equipment. Choice of duckfoot sweeps or double-pointed shovels.

**CA Mounted Disc Harrows** give you the latest in convenience and engineering. They have free-swing hitch and BAL-PAK bearings. Models 20 and 30 in 5½ to 7-foot sizes.

**Side-Mounted No. 5 Mower** works in plain view and leaves the drawbar free. Mower is quiet, V-belt driven. Sickle has quick-change feature. Hydraulic lift available.
**PRECISION LEADER** ... the model G

Vegetable and fruit growers, nursery and poultry operators prefer the compact, rear-engine Model G Tractor for its unobstructed vision and unmatched performance. It handles from one to six rows at a time, as slow as 3⁄4 miles per hour.

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**THRIFT CHAMPION** ... the rugged B

This tractor is known the world over for its economy and every-day usefulness. The Model B has 20 drawbar horsepower and a complete line of matched implements for all kinds of field work. Starter, lights and battery are standard equipment. Hydraulic system is available.
New Tractor-Mounted

ALL-CROP Drill

The new quick-hitch, tractor-mounted ALL-CROP drill is another history-making contribution to better farming by Allis-Chalmers. It enables you to seed and fertilize accurately and uniformly at higher than average speeds. Seed and fertilizer are deposited in separate bands, metered out evenly... never cupped out in wasteful bunches. With a low-cost ALL-CROP drill you can seed grain or grasses and fertilizer... singly or in any combination. Ask us about this new tractor-mounted ALL-CROP drill.

Tractor hydraulic system adjusts the height of the ALL-CROP drill for easy loading with seed, grain or fertilizer.

New Micro-Feed assures outstanding seeding accuracy both in drill row and in rate per acre.

New Force-Flo fertilizer assembly has spiraled spring agitators to break lumps and auger fertilizer uniformly.

New Twin-Boot dispensers are used with either single or double-disk openers to place seed and fertilizer in separate bands.

Allis-Chalmers mounted implements will handle your spring work in a hurry. These implements, combined with CA, WD, or WD-45 power and the hydraulic Traction Booster will make every spring day count more.

See us for a new look at Allis-Chalmers mounted implements... priced surprisingly low.
Mowing... raking... and baling, all with your own equipment—that's the only way to be sure of full value from your hay crops. And only with round bales comes protection for your hay from the moment it leaves the windrow.

You've seen how round bales shed rainfall, for weeks and even months. You know that here is the only bale which never breaks in handling, yet feeds itself with less waste when the string is removed.

Now, let us show you how the ROTO-BALER itself is tailor-made for home ownership. It's simple to run, handles big tonnage with PTO power, and is amazingly low in upkeep. In addition, the low price makes the ROTO-BALER practical for every farm where hay is important. Let us prove it.

And let us show you the Allis-Chalmers two-speed rake, with the right reel action for every condition, plus reverse for tedding.
With round bales, there's no breakage in power loading and unloading of wagons, even if the bales are dropped many times. In addition, round-bale construction holds the leaves, reducing loss between field and feedlot. In the manger, round bales are self-feeding. Cattle easily unroll the hay as they eat it.
The tractor way to take forage from field to feedlot is with the Allis-Chalmers Forage Harvester. It's faster, easier, more profitable than using older methods. It pays off in lower feeding costs, less work, better silage, thriftier livestock...enables you to increase the size of your herd without increasing labor costs.

The Forage Harvester, with its attachments, is a versatile machine. It makes row-crop silage; chops hay for feeding, straw or stalks for bedding; clips pastures; makes grass silage. Matching the capacity of the Forage Harvester, is the Allis-Chalmers Forage Blower. Curved throw-and-blow fan blades and big, 9-inch pipe give it exceptional capacity for delivering heavy crops into highest silos. It has a rubberized belt conveyor, making it an ideal grain blower, too. Ask us about this outstanding Allis-Chalmers forage harvesting equipment...priced for home ownership.

**Bringing the Pasture to the Cows** is a widely accepted practice where legume or grass pasture is field-chopped and brought daily to the cattle. These cows are eating from self-feeding wagons.
HERE'S THE HEART OF BIG CAPACITY

The cylinder is the Forage Harvester's heart. It is three feet long with four spiraled knives that give big capacity on every job. Notice that each blade is spiraled for vertical shearing action and cupped to deliver material directly into your wagon or truck. A knife sharpener is built right into the Forage Harvester. Picture shows cylinder and shear bar.

For those who prefer it, a new side-delivery attachment is available. It is easily converted for rear delivery.
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Owners of ALL-CROP Harvesters can save their choice of more than 100 crops—from feather-light grass seed to heavy, brittle beans. For 19 years, these home-owned machines have been the standard of family farm harvesting. Allis-Chalmers now offers two models—the pull-type Model 66 with 6-ft cut and the self-propelled Model 100 with 9 or 12-ft cut. Each machine has all the famous ALL-CROP Harvester features: wide-flow feeding, separately adjusted header and reel, rubber shelling surfaces, air blast separation, saw-tooth wind control valves, full-length grain drag in a seed-tight body, and quick cylinder speed changer. Ask us for a demonstration of the famous ALL-CROP Harvester.

Mechanized Cotton Harvest that Pays Its Way

Now Allis-Chalmers cotton pickers make mechanical harvesting profitable for almost every cotton grower. The efficient one-row picker mounts on your standard CA, WD or WD-45 Tractor, and it's easily demounted to free your tractor for other work. The one-row picker has all the proved principles of design pioneered by the self-propelled two-row model. Both are priced to permit volume harvesting at consistently lower cost than hand picking.
New Corn-Picking Capacity with Rubber-on-Rubber Husking

Allis-Chalmers Corn Harvesters now have new capacity for cleaner work in heavy crops. New husking rolls with vigorous rubber-on-rubber action strip husks faster with less shelling. This new kind of husking in your own low-priced Allis-Chalmers Corn Harvester, two-row mounted or one-row pull-type, is your assurance of a safe harvest—even under adverse weather conditions.
Watch for our "BUY OF THE WEEK"

in used equipment

Here's the place to look for bargains! Our "Orange Tag" specials are thoroughly reconditioned and dependable. We back them. Often we're able to give you a good deal on both a tractor and plow, or a tractor and mounted corn harvester. Come in and talk it over with us.