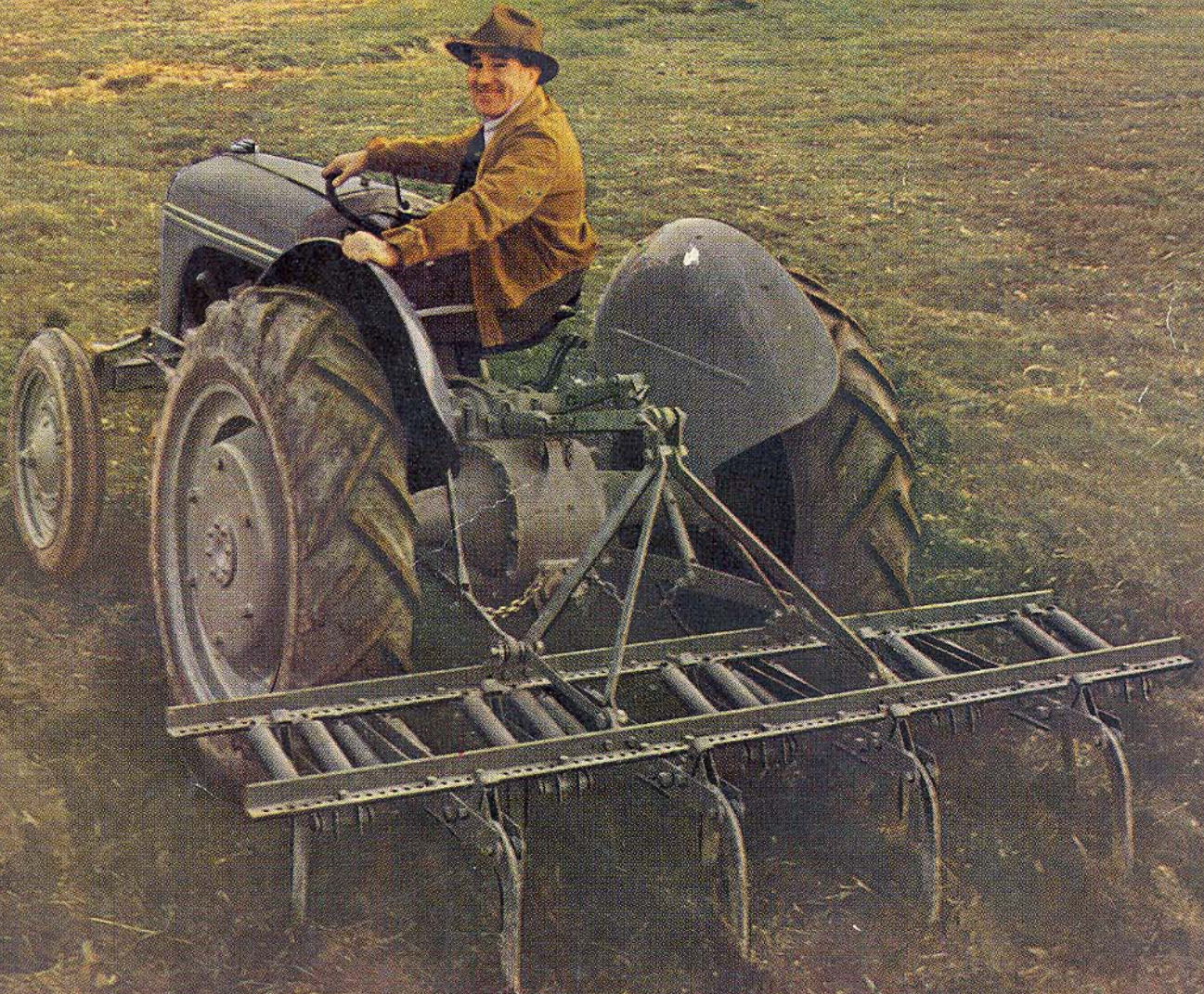
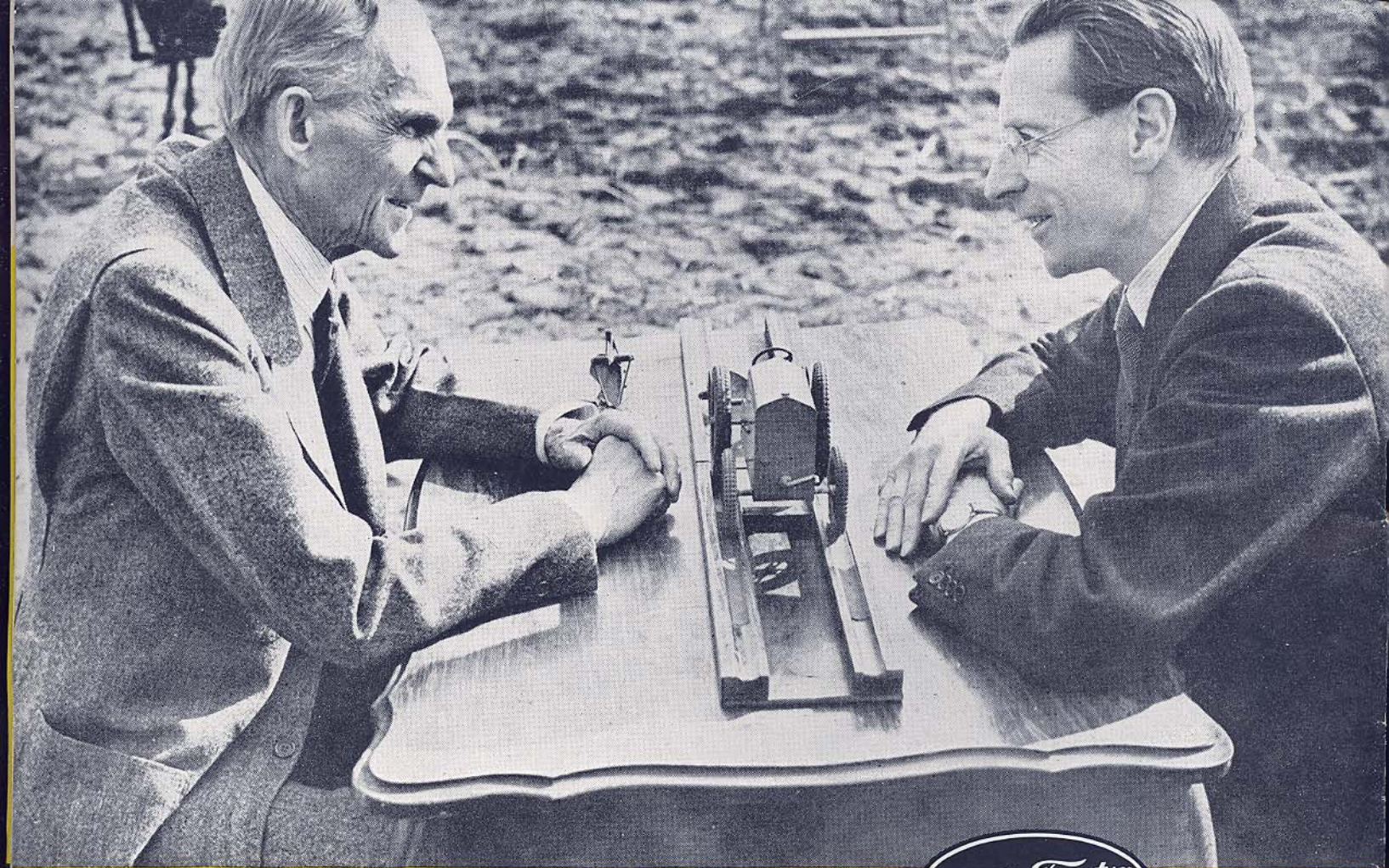


FLEXIBLE FARMING

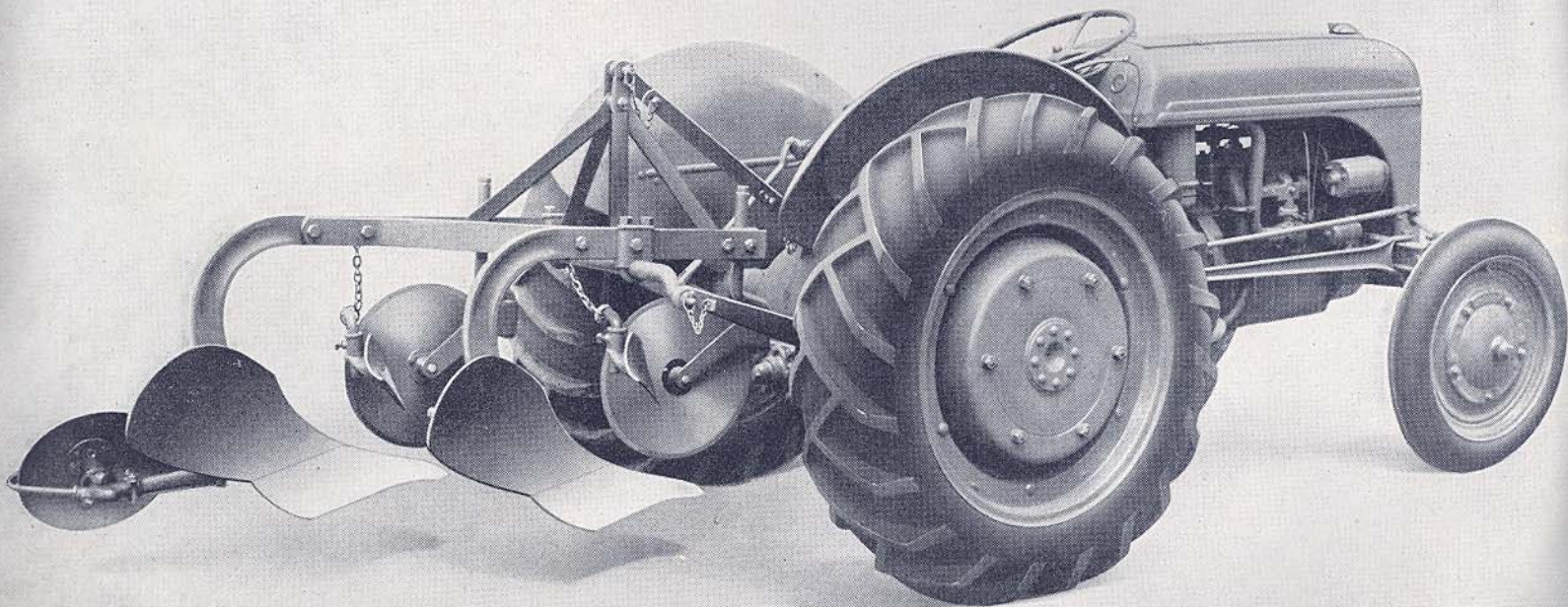
FASTER • EASIER • MORE PROFITABLE



Rejuvenating a pasture



Mr. Henry Ford and Mr. Harry Ferguson





An Historic Partnership That Has Brought a Revolution in the Production Costs of Agricultural Products

Over 25 years ago, Mr. Harry Ferguson began development of a new system of farming based on new and fundamentally different concepts of farm power. The tractor and implements which resulted have proved beyond all doubt that Mr. Ferguson's concepts have brought about a revolution in farm production methods.

Mr. Henry Ford saw in the Ferguson System a new and better way of farming. To help give life to the new idea, Mr. Ford applied his manufacturing genius to the principles of the Ferguson System to produce the Ford-Ferguson Tractor on an automotive production line basis.

This historic partnership has made it possible to increase farm profits by lowering farm production costs and, at the same time, remove the drudgery from farm life.

The advantages of Flexible Farming with the Ferguson System apply to the raising of every kind of crop and to all types of soils; to the small farm as well as to the large.



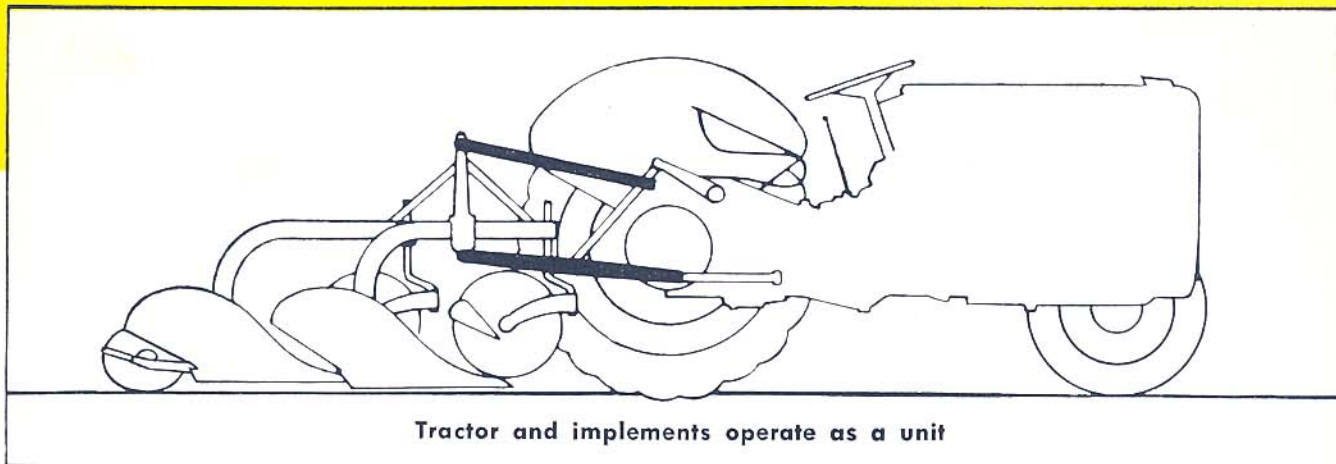
A
Light
TRACTOR FOR
LIGHT WORK
automatically

becomes

A
Heavy
TRACTOR FOR
HARD WORK



The only tractor that *Automatically* changes its "Weight" to suit the Job!



ONE TRACTOR—THE RIGHT TRACTOR FOR LIGHT AND HEAVY WORK

The Ford-Ferguson Tractor actually weighs several hundred pounds less than other full two-plow tractors. Therefore, if you are using this tractor for light work, the tractor is *right* for the job.

What happens when you run up against a hard pulling job with this lightweight tractor? Here is the surprising feature—

HEAVIER WORK AUTOMATICALLY CREATES GREATER TRACTION

This tractor becomes, *automatically*, a "heavy" tractor and, thereby, has the necessary traction. First of all, this tractor *carries* its implements instead of merely pulling them. Moreover, as plows or other unit tools start into denser soil, the greater resistance they encounter in getting through it, plus the additional weight of that soil on them, *automatically* adds weight to the rear wheels and that provides still more traction. The effect of this action is exactly the same as though sandbags were being thrown on and off the tractor as it makes its way across the field.

LOWER FIRST COST

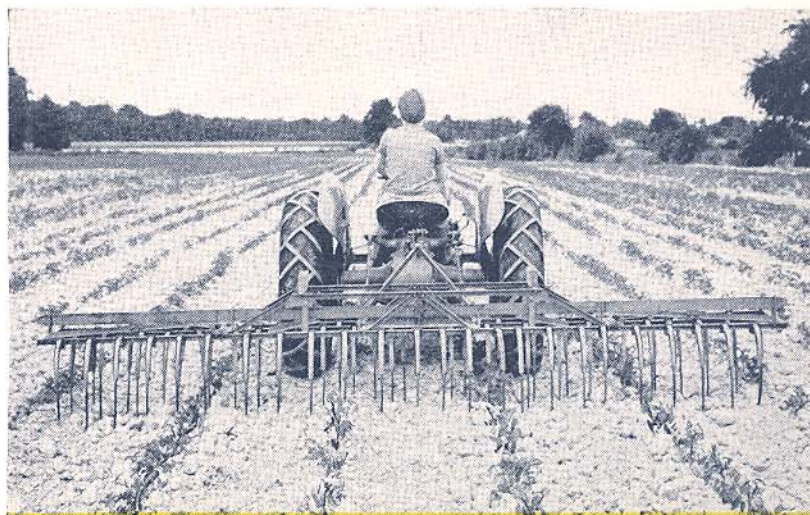
Since the Ford-Ferguson Tractor weighs less, smaller amounts of raw materials are needed and there is less steel to be processed during manufacture. Because it automatically adjusts its weight it is not necessary to manufacture a large number of different models containing varying amounts of dead weight to suit different farming areas and various sizes of farms. The Ford-Ferguson Tractor is manufactured in the famous Rouge Plant of the Ford Motor Company, and has all the advantages of automotive straight-line production. These are the reasons for the remarkably low price of the Ford-Ferguson Tractor.

LOWER OPERATING COSTS

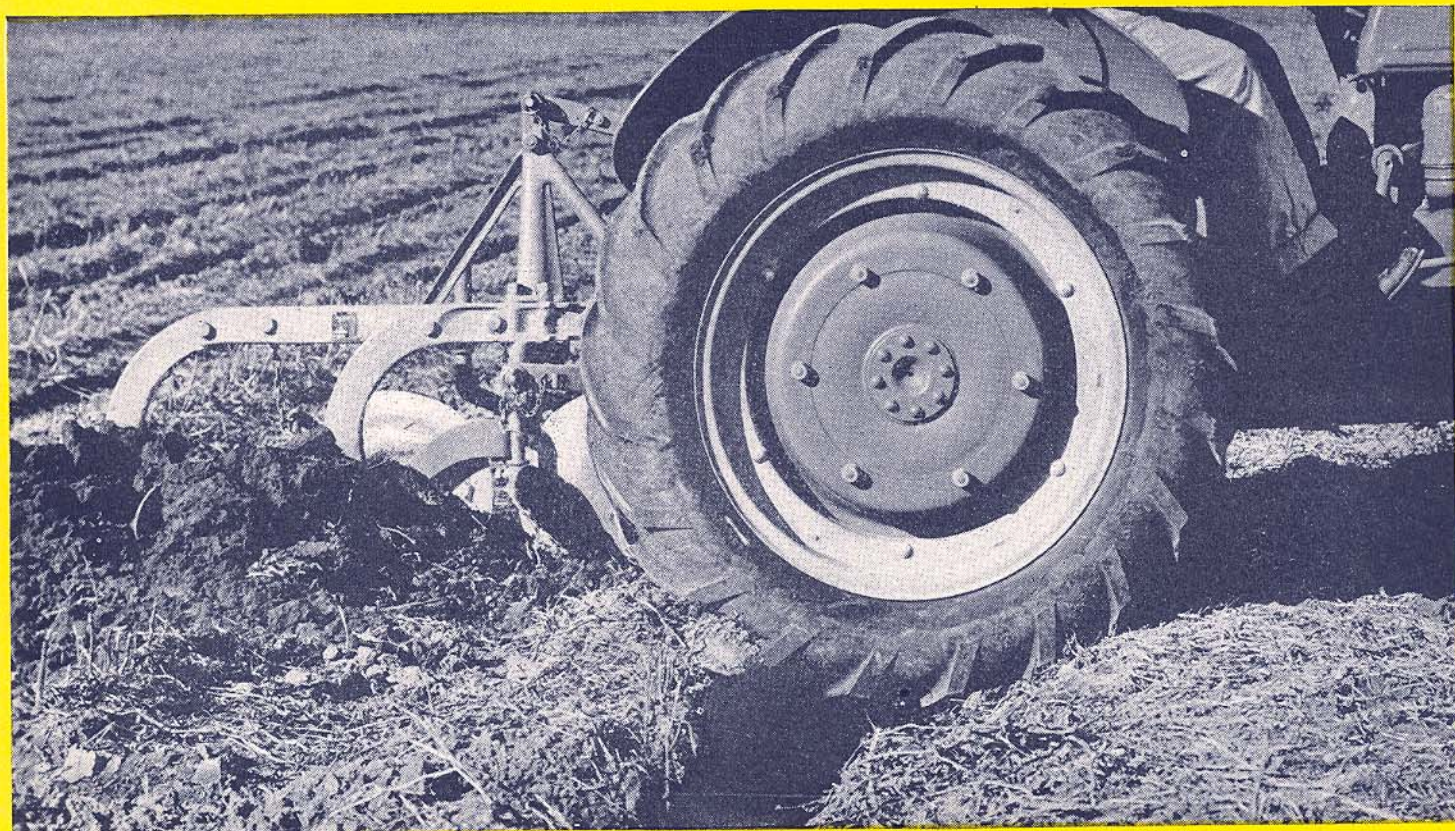
Since the tractor automatically changes weight to suit the job, you do not consume extra fuel carrying unnecessary dead weight on light jobs.

LESS SOIL PACKING

Since the Ferguson System eliminates the need for excess built-in weight, it eliminates, at the same time, excessive soil packing. A thousand pounds less *in* the tractor is a thousand pounds less *on* the soil. The advantage of this feature is most pronounced in working crops that must be intensively cultivated where the tractor makes a large number of trips across the field in a single season.



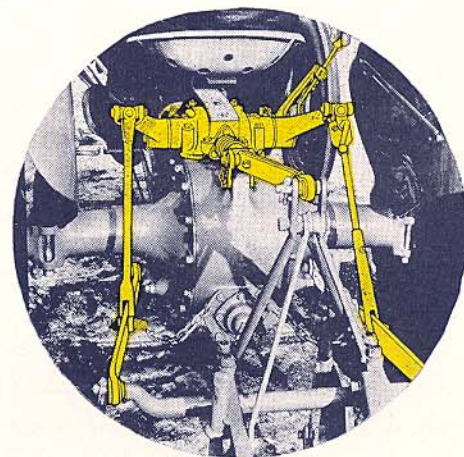
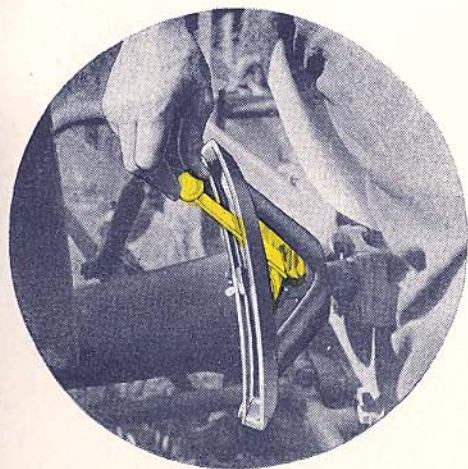
A Seedbed of **PROPER DEPTH . . . Cultivated**



**The only tractor with
finger tip control over the depth at which
ground tools work**

FERGUSON APPLICATION OF HYDRAULICS TAKES THE HARD WORK OUT OF WORKING THE SOIL

The finger tip control lever sets implements at the depth you want them to work. It also raises and lowers them to the ground. The hydraulic mechanism automatically takes care of any unevenness of the ground so that the implement does not follow the rise and fall of the tractor in going over rough ground. If soil conditions within a field change, a slight touch on the finger tip lever lowers or raises the ground tools to the depth you want them to work.



MACHINERY SUBSTITUTES FOR BACK AND ARM MUSCLES

Human back and arm muscles get a permanent vacation with the Ferguson System. There are no cumbersome levers or ropes such as found on old-fashioned plows and cultivators to sore up your arms or put kinks in your back. Gone, too, are the "opportunities" for pinched fingers and skinned knuckles.

to the **PROPER DEPTH** means **Bigger Yields**

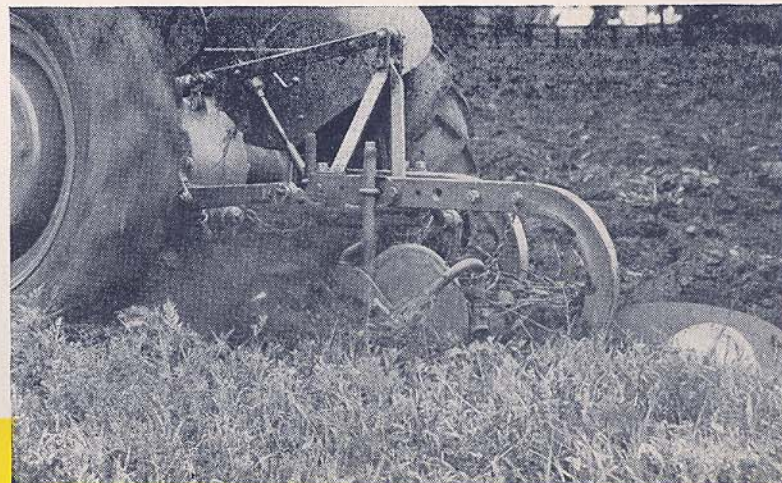


SAVES MOISTURE—CREATES BIGGER YIELDS

When rain falls upon a seedbed that has been plowed, tilled and cultivated to an even depth—as deep in the hard spots as in the soft spots, as deep in the rough areas as in the smooth—that seedbed will produce larger yields. Rain falling upon such a field is more quickly absorbed, more evenly distributed and plants grow and mature more uniformly.

PROTECTS IMPLEMENT AND TRACTOR WHEN STRIKING AN OBSTACLE →

When unit tools strike a large stone, stump or other solid obstruction, the impact transmitted through the top link releases the weight of the implement from the tractor. This same action, also, further decreases traction because the linkage automatically transfers some of the weight from the rear to the front of the tractor and allows the rear wheels to spin. Then the operator merely backs the tractor, lifts the implement, passes over the obstruction, lowers the implement and sets it where he wants it to work. All this is done by finger tip control without leaving the tractor seat.



Brings a welcome change from the old



WORK—EAT—SLEEP routine of farming

The only tractor with a Mechanical Brain and Automatic Muscles of Steel to Save your back and arms

THE MECHANICAL BRAIN

The mechanical brain shown in the circle, right, actually "thinks" and then sets to work the automatic muscles of steel, described below. This brain, mechanical though it is, keeps the tines of your cultivator dig-

ging at the exact depth you set them with the finger tip control.

When your plow suddenly bangs into a stone, this brain, without any direction from you, prevents damage, repair bills and lost time.

THE AUTOMATIC MUSCLES OF STEEL

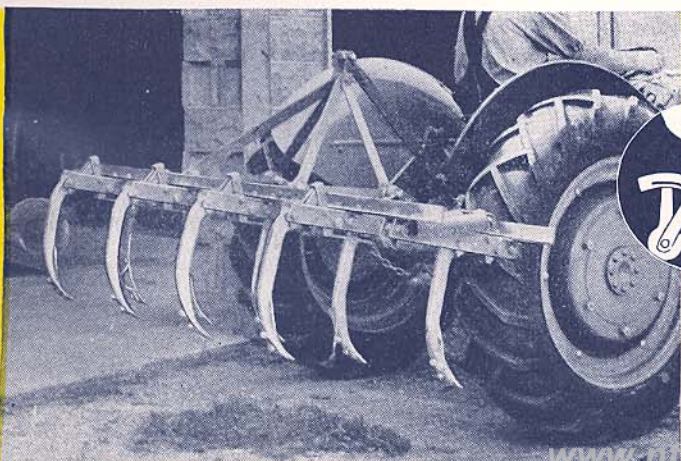
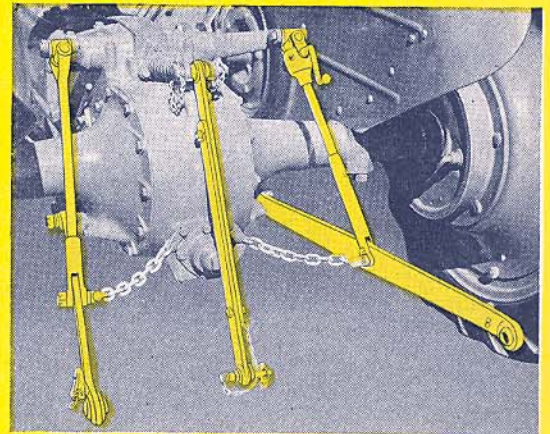
As soon as you issue an order with the finger tip control lever, the mechanical brain sees to it that the automatic muscles of steel (right) carry it out. These steel muscles lift, lower and set implements where you want them to work. They also raise implements to transport posi-

tion (see implements shown on the bottom of this page). With the Ford-Ferguson Tractor it is no longer necessary for you to twist around or stretch forward for a long heavy lever which you wish were longer as you strain to lift the load. Muscles of steel do the hard back and arm work.

TIME AND STRENGTH TO ENJOY LIFE WITH YOUR FAMILY

When a man comes up to his house after a day of operating old-fashioned power farming equipment, he often is so tired that all he wants to do is eat, perhaps glance at the newspaper and go to bed. With a mechanical brain and automatic muscles of

steel to help with his work, a farmer has enough energy left at the end of the day to enjoy some of the pleasures in life—pleasures that once were almost the exclusive property of city dwellers. Also he will have extra time with which to increase his income.



Now CHILDREN and OLD PEOPLE



can do STRONG MEN'S WORK

The tractor that substitutes a touch of the finger tips for tugging and hauling at long heavy levers

SETS IMPLEMENTS WITH A FINGER TIP TOUCH

Long before a child is old enough to have the judgment to drive a tractor, he has many times over the strength required to move the finger tip control lever, above right. This little lever is perhaps the most spectacular feature of the Ford-Ferguson Tractor. A slight touch moves it. It lowers implements to working position or raises them to transport. It sets the depth at which they work. While spectacular and mighty important, it is only *one* of many features of the Ferguson System.

FINGER TIPS ADJUST ANGLE OF IMPLEMENTS

The implement leveling lever, right, is within easy reach. It is readily accessible whether you are seated on the tractor or standing on the ground.

With it implements can be put in any position you want them to work. It compensates for the tilt of the tractor when plowing and keeps the plows in a level position. Or it may be used to tilt plows at an angle for better results in opening a headland furrow or finishing up a land.

When attaching implements, the leveling lever lines up the attaching links of the tractor with implements. No heavy lifting.

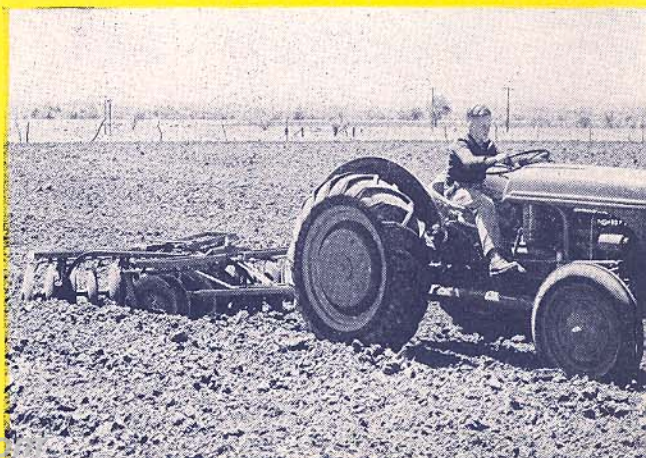
SET DISC ANGLES FROM THE TRACTOR SEAT

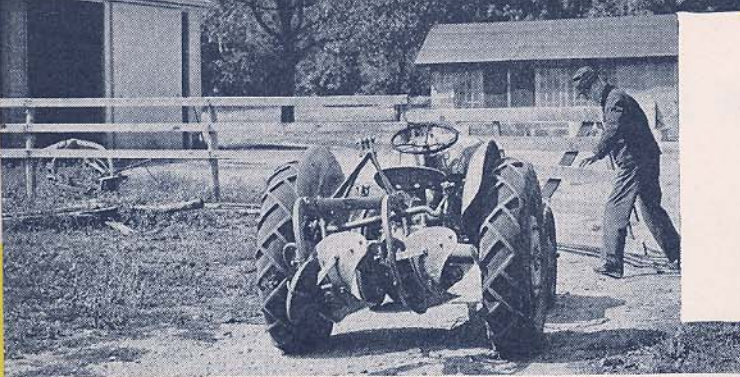
When a youngster drives out of the farmyard with a Ferguson Disc you needn't worry about his getting stuck in wet, sandy or soft spots. A mere touch on the finger tip control lever gives him instant control over the angle of the gangs without stopping the tractor. Instant control without stopping the tractor makes it practical to disc in closer quarters—makes it practical to straighten discs on the headlands and to avoid mounding dirt every time a turn is made in the field. Diagram, right, shows how finger tips control a disc.



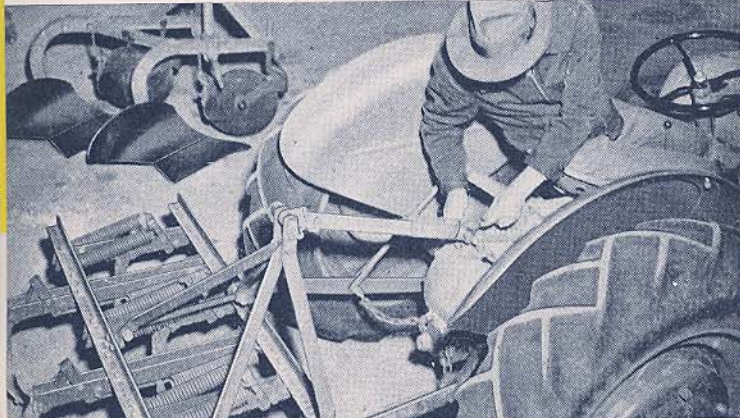
HELPS SOLVE LABOR SHORTAGE

Children and people whose advanced years have robbed them of their strength get tremendous satisfaction out of operating the Ford-Ferguson Tractor. With it they can accomplish as much as a strong man in his prime. Instead of merely "steering" a tractor, they do the complete job and at the end of the day feel none the worse for having done it. Even when labor is plentiful the easy operating features of the Ford-Ferguson Tractor become invaluable in the rush seasons.



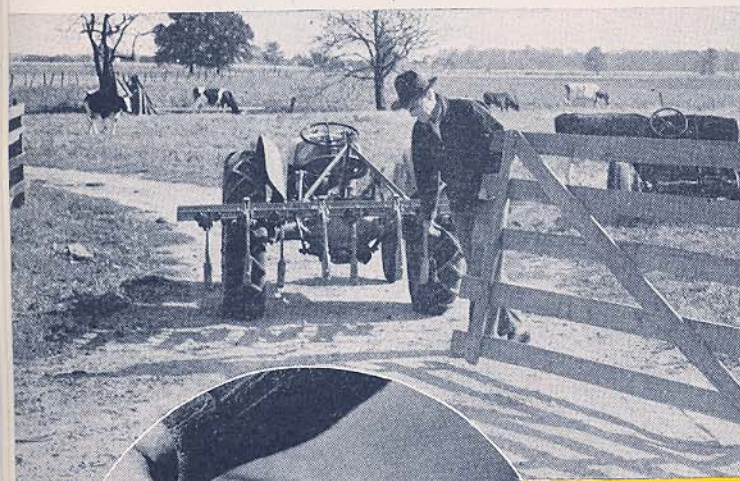


The FERGUSON SYSTEM gives you the ONLY THREE-POINT, ONE-MINUTE METHOD OF MOUNTING IMPLEMENTS

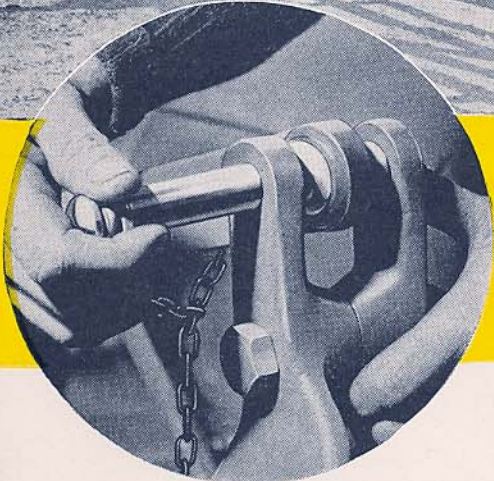


Back the Ford-Ferguson Tractor to a Ferguson Implement; after the wheels have been properly spaced, line up the linkage with the finger tip control lever, insert three pins to secure the tractor's automatic muscles of steel to the implement and you're ready to go. If you make every move count, you can be on your way to the field in 60 seconds! And so it goes with not only Ferguson Tillers but Cultivators, Plows, Middlebusters, and other mounted implements. Detaching the implements is equally easy, just as fast.

There is more to the story than speed. The attaching pins are *chained* in position and are always there, ready for use. Since they are locked in place by a spring ring, there are no nuts to lose and no wrench is necessary.



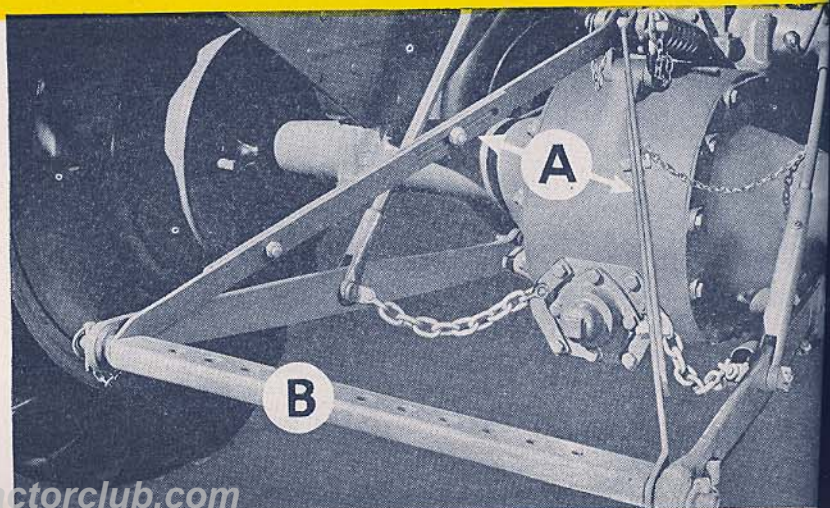
Total up the number of implement changes you make in a year. Multiply by the time saved by the Ferguson three-point, one-minute implement attachment. The answer will reveal to you how many hours of nonproductive time can be turned into production and profits. Moreover, since there are no loose parts, implements are always *available* for work and part replacement costs are practically nothing.



NO PARTS TO LOSE, NO WRENCH IS NECESSARY

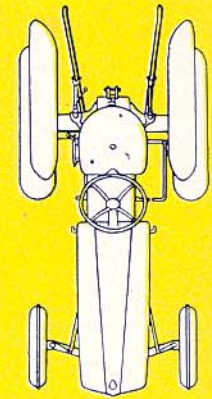
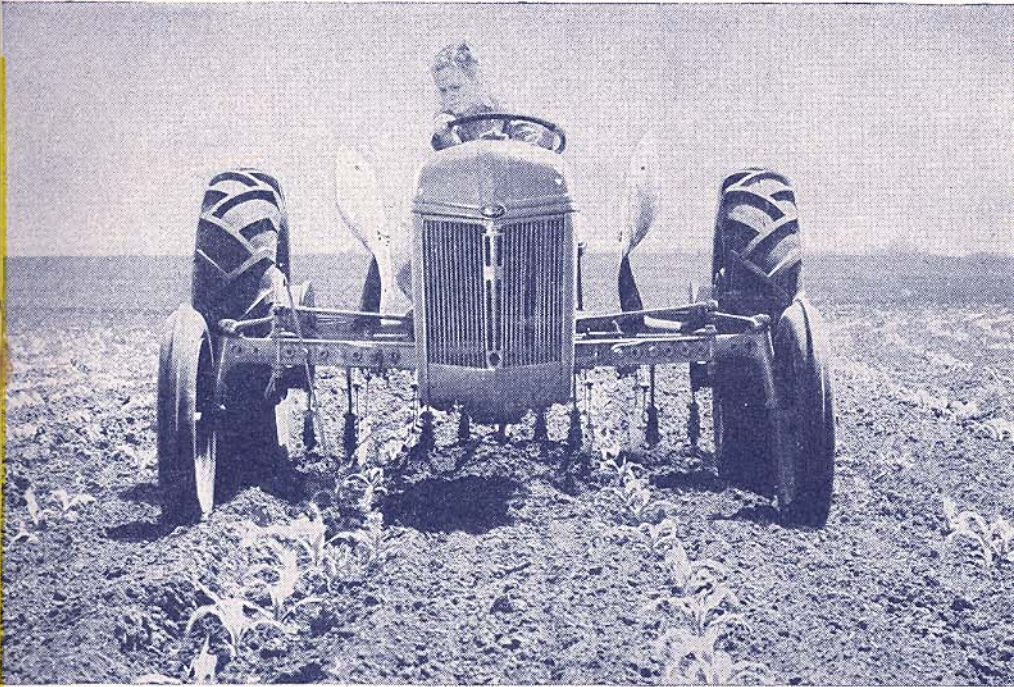
ADJUSTABLE DRAWBAR FOR PULLED IMPLEMENTS

With two adjustable links (A) for adjusting height and a large number of holes in the drawbar (B), it is a simple matter to attach any pulled implement to the Ford-Ferguson Tractor. This unusually wide range of adjustment assures the best possible line of draft.



ADJUSTABLE FOUR-WHEEL SPACING

CHOICE OF 8 WHEEL WIDTHS



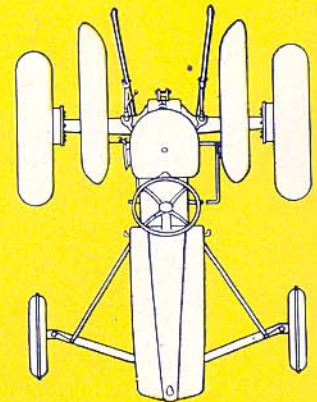
From 48"

Wheel Spacing Made **QUICK** and **EASY**

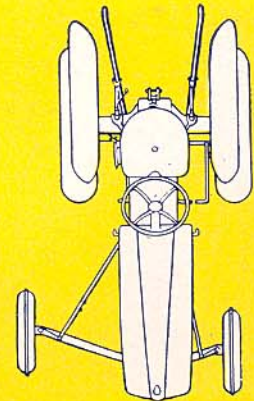
The Ford-Ferguson Tractor is a *row-crop* tractor and also a *four-wheeled tractor*. Wheel tread widths can be changed in a few minutes without any special equipment. Wheel spacings are from 48" to 76" and within that range there are six other settings in four inch steps. Occasionally, farmers find it advantageous to spread the wheels on only one side, leaving the wheels on the opposite side

at the narrow position. This unusual setting, or any of the others, does not affect steering performance in any way. Drag links, radius rods and other parts require no adjustments.

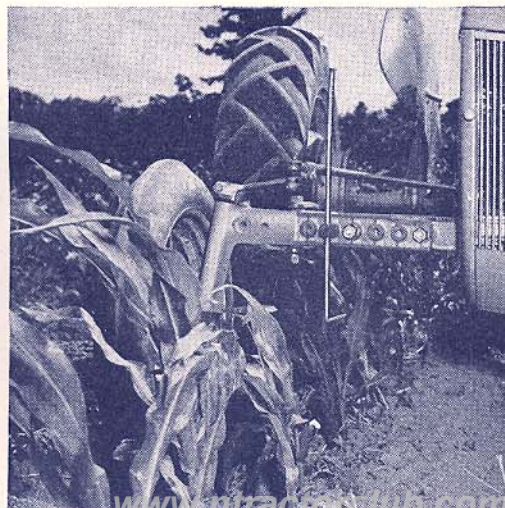
The wheel spacing feature of the Ford-Ferguson Tractor is sufficiently flexible to work all kinds of crops, and, in addition, has maximum stability and safety when working across steep hillsides.

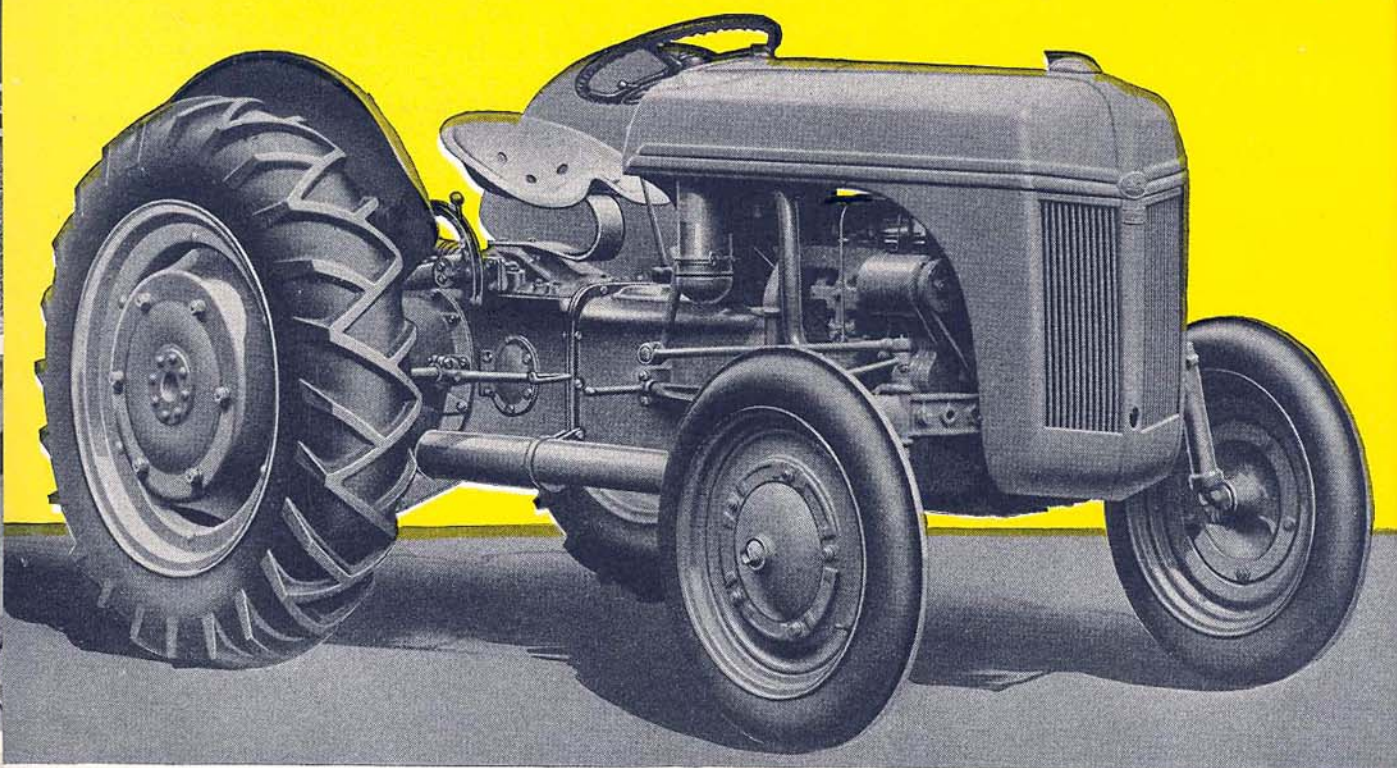


-to 76"

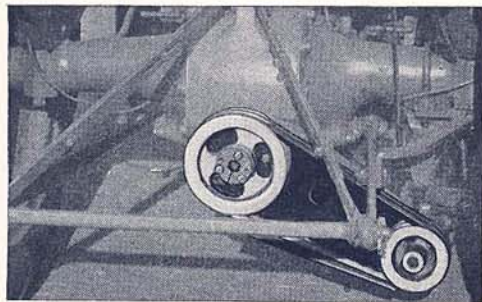


or offset
as desired

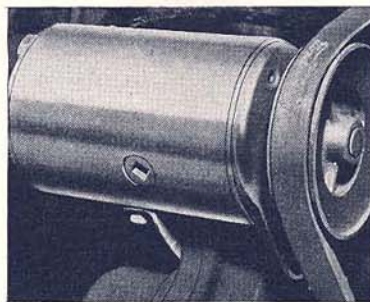




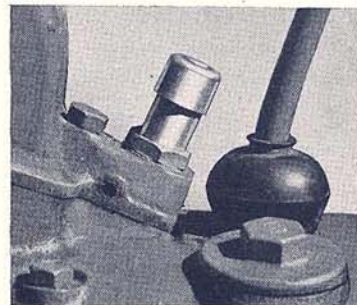
The Ford Tractor with Ferguson System includes ALL these EXTRAS in the delivered price



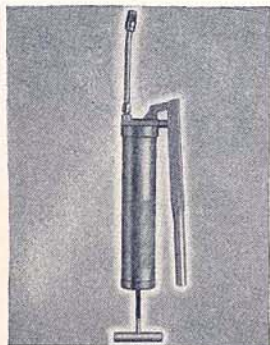
POWER SHAFT—works any power driven implement mounted on tractor. For pulled, power take-off implements, see special power take-off on page showing "Accessories".



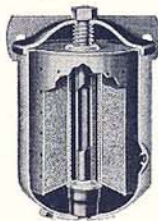
VARIABLE OUTPUT GENERATOR—has ample capacity for maintaining electrical power even when lights are used for long hours.



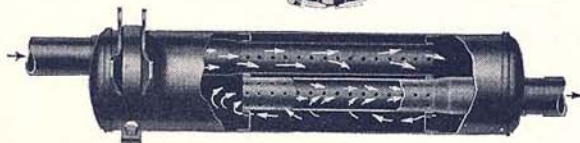
SAFETY STARTER—will not operate unless tractor is in neutral gear. Avoids personal injury and equipment breakage.



GREASE GUN — heavy-duty type that will service any machine having standard Zerk or Alemite fittings.



OIL FILTER—so important to engine life and performance that it is supplied with every tractor as standard equipment.



MUFFLER—Makes Ford Tractor with Ferguson System run amazingly quiet, reduces operator fatigue and fire hazards.



IGNITION KEY AND LOCK—make you the master of this tractor even when it's not in use.

The Ford Tractor with Ferguson System

ENGINE—Four-cylinder L-head. Bore 3.187 x 3.75. Piston displacement 120 cu. in. Compression ratio 6. to 1.

HORSEPOWER—Maximum belt hp—23.87. Rated belt hp (85% of maximum)—20.29.

DRAWBAR—two 14" plow capacity with Ferguson hydraulically-operated implements. Maximum drawbar without Ferguson hydraulic system of control—16.90 hp. Rated drawbar hp (75% of maximum)—12.68.

GOVERNOR—Variable speed, mechanically-operated, centrifugal type. Governor regulation from 400 to 2,000 rpm.

LUBRICATION—By gear pump supplying direct-pressure oiling to crankshaft, camshaft and connecting rod bearings, also to timing gears. Clean oil from oil filter returns to crankcase through governor assuring constant lubrication and cleansing of governor. Crankcase oil capacity—6 quarts.

OIL FILTER—Replaceable cartridge type of large capacity.

IGNITION—Direct-driven distributor in unit with coil in waterproof housing. Fully automatic spark advance.

GENERATOR—6-volt type with third brush control.

STARTER—6-volt conventional type automobile starter. Safety starter switch mechanically interlocked with gear shift lever.

BATTERY — 6-volt—85 ampere-hour capacity—13 high plates.

COOLING—Pump circulation of water through tube and fin type of radiator with pressure system. Fan—6 blade 16" driven by belt. Pump is packless type with prelubricated bearings. Cooling system capacity—12 U. S. quarts.

FUEL SUPPLY—Welded steel tank carried in engine hood, capacity 10 gallons. By means of a two-way valve on sediment bulb, 1 gallon can be held in reserve for emergencies.

CARBURETOR—Updraft, plain tube type of sturdy, dust-proof construction.

AIR CLEANER—Oil bath type with dust receptacle easily removable for cleaning.

MUFFLER—Reverse-flow type. Fitted as standard equipment to carry exhaust to the rear of the tractor.

CLUTCH—Single dry plate 9" effective diameter. Clutch plate pressure increased by centrifugal force as engine speed is increased.

TRANSMISSION—Sliding gear—3 speeds forward and one reverse. All shafts mounted on tapered roller bearings.

FINAL DRIVE—Spiral bevel gear drive with straddle-mounted pinion 6.66 to 1 ratio. Four pinion differential mounted on tapered roller bearings. Drive axle of the semifloating type with integral axle shafts and wheel hubs, also mounted on tapered roller bearings.

TRANSMISSION SPEEDS	Final Gear Reduction	Approximate
		Speeds at 2000 RPM
Low -----	73.3 to 1	3 $\frac{5}{8}$ mph
Intermediate (plowing)-----	57 to 1	4 $\frac{5}{8}$ mph
High -----	24.6 to 1	10 $\frac{3}{4}$ mph
Reverse -----	68.4 to 1	2 $\frac{7}{8}$ mph

NOTE: At top governed speed, the tractor can be operated at approximately 4 mph in low gear, 5 $\frac{1}{2}$ mph in intermediate, and 11 $\frac{3}{4}$ mph in high.

STEERING—Bevel pinion and twin bevel sectors controlling both front wheels independently. Tread of front axle adjustable without disturbing any steering connections. Rubber-covered steel steering wheel 18" diameter.

POWER TAKE-OFF SHAFT for Ferguson Mounted Equipment extends from rear of axle housing—1.125" spline. Shaft speed of 545 rpm at engine speed of 1500 rpm.

BRAKES—14" x 2", internal expanding two-shoe, fully energizing type. One simple accessible adjustment on each brake. Brakes operate independently on each rear wheel controlled by separate pedals to facilitate short turning.

WHEELS—Front—Steel disc fitted with 4 x 19 single rib pneumatic tires on drop center rim, 26 lbs. tire pressure. Rear—Steel disc fitted with 10 x 28 traction tread pneumatic tires on drop center rim, 12 lbs. tire pressure.

HYDRAULIC IMPLEMENT CONTROL—Consists of 4-cylinder pump supplying oil under suitable pressure to ram cylinder. Valve has manual and automatic control. Control lever convenient to the operator's right hand gives him instant control of the implement.

DRAWBAR—Adjustable type. Included as standard equipment.

DIMENSIONS of Tractor—Wheelbase—70".

Normal Tread—Front 48" and rear 52".

Front Tread—Adjustable, by means of extending axle ends and reversing front wheel discs, to 76" in 4" steps.

Rear Tread—Adjustable, by means of reversible wheel disc and reversible tire rims, to 76" in 4" steps.

Over-all length—Front tire fin to end of lower link—115".

Over-all width—64".

Over-all height—52".

Ground clearance—13" under center, 21" under axles.

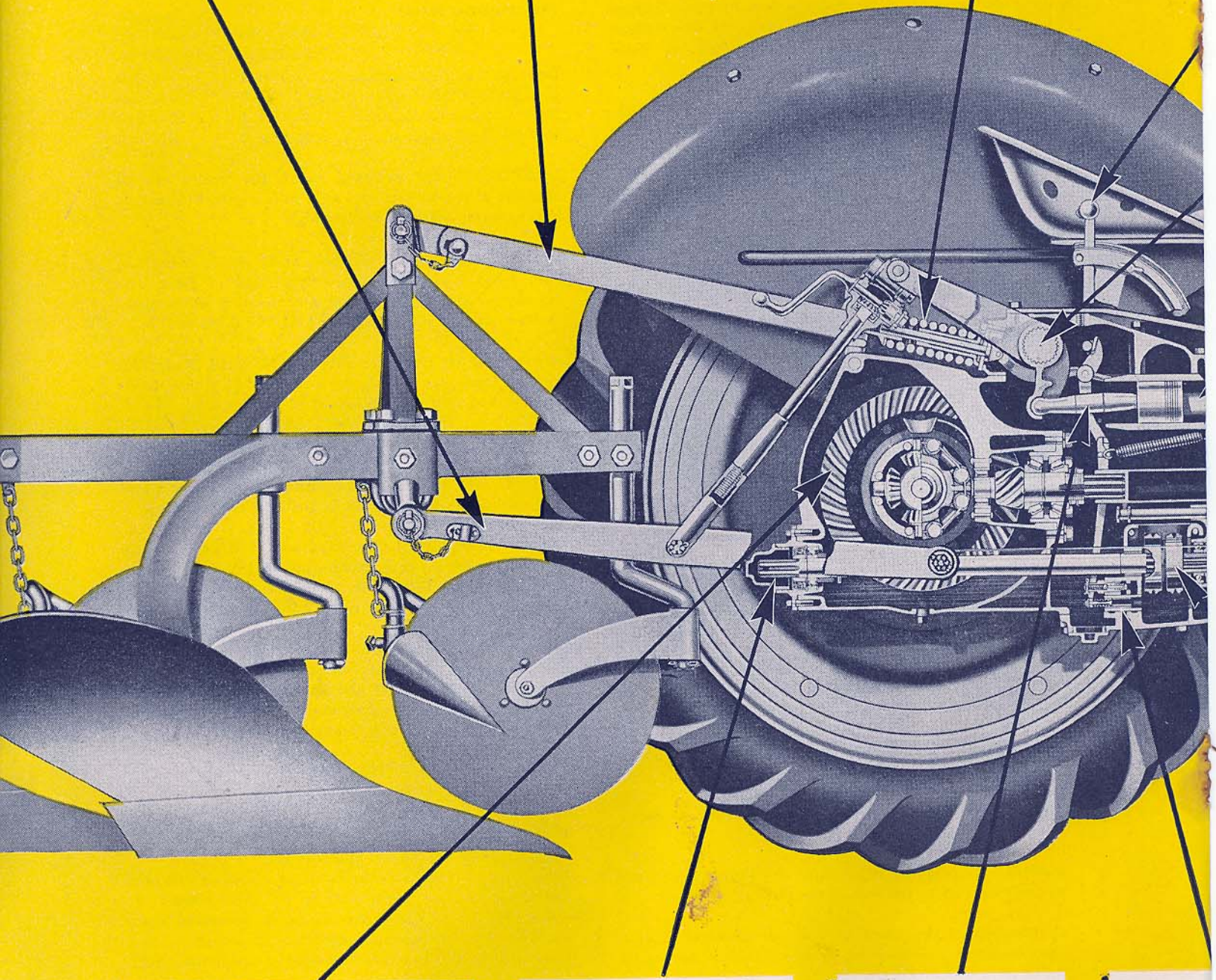
Turning circle—16 ft. diameter with use of brakes.

The inside story of the FORD TRACTOR

● **TENSION LINKS**
—pull the implement.

● **COMPRESSION LINK**—pushes against tractor, transmitting implement reaction forces to automatically control depth of ground engaging tools.

● **CONTROL SPRING**—measures reaction forces of ground tools applied through top link and automatically regulates the action of the hydraulic mechanism.



● **SPIRAL BEVELED GEAR DRIVE**—a sturdy and highly dependable design, quiet operating.

● **POWER SHAFT**—runs on roller bearings and has an oil seal at rear of housing. Standard equipment.

● **PISTON AND CONNECTING ROD**—transmit force to hydraulic lift shaft.

● **CONTROL**
controls
into or
cylinder.

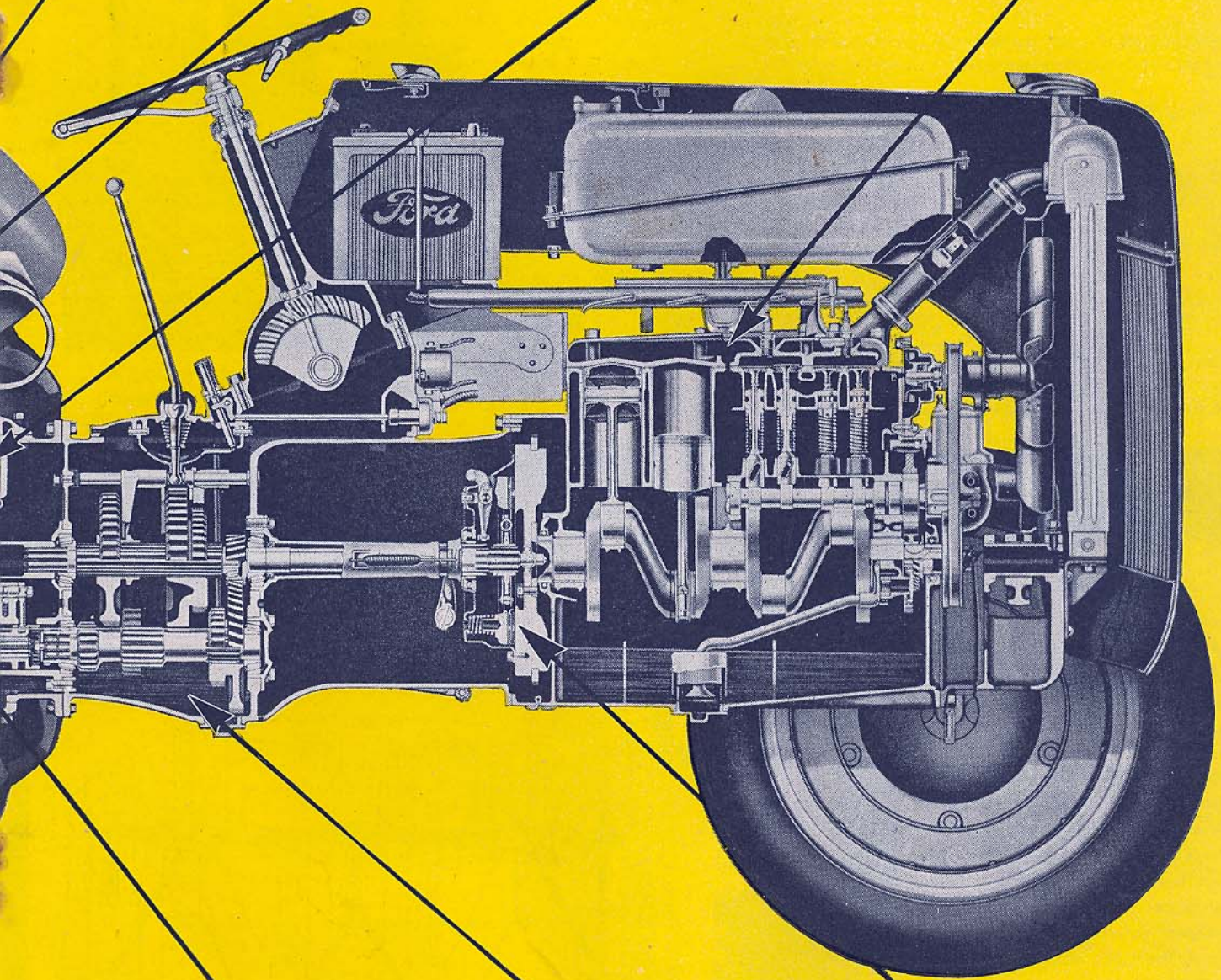
TRACTOR with FERGUSON SYSTEM

● CONTROL LEVER—operates valve in hydraulic mechanism to set, raise or lower implement.

● HYDRAULIC LIFT SHAFT—raises or lowers implement.

● RAM CYLINDER—pumping oil into cylinder forces piston rearward to raise implement—draining oil out allows piston to move forward, lowering implement.

● HEAVY-DUTY ENGINE—precision-built by the Ford Motor Company, 4-cylinder, L-head type with removable liners.



● VALVE—allows flow of oil out of ram

● HYDRAULIC PUMP—supplies oil under pressure for implement control.

● RUGGED TRANSMISSION—case-hardened gears. Shafts mounted on tapered roller bearings.

● SEMI-CENTRIFUGAL CLUTCH—noted for reliability and high power-transmitting capacity.

BUILT TO LAST

QUALITY ENGINE LONG ENGINE

REMOVABLE MAIN BEARINGS—Special antifriction alloy bonded to steel backing. Can be replaced without removing engine from tractor or taking out the crankshaft.

CONNECTING RODS—cap bolts forged integral with rods. Caps and rods accurately weighed and matched in sets.

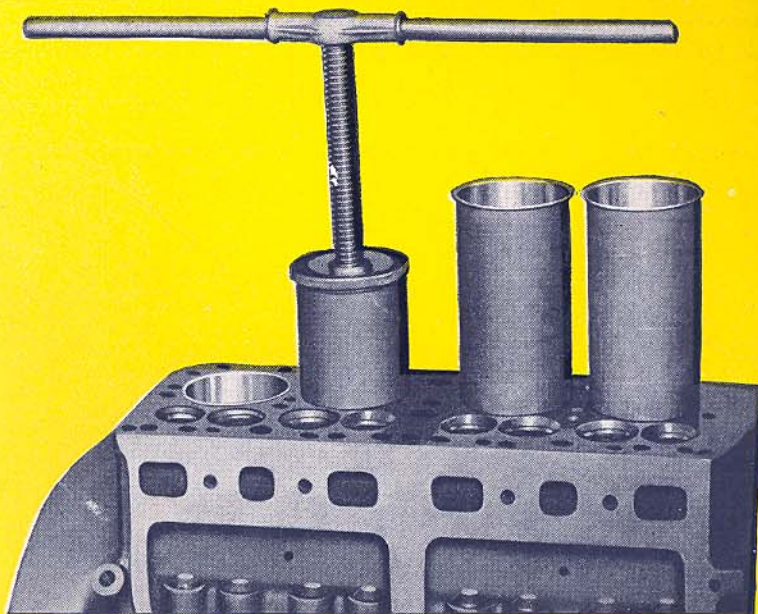
CAST-STEEL PISTONS—light in weight, strong and wear-resisting.

CAST-ALLOY STEEL CRANKSHAFT—exceptionally hard and wear-resisting. Crankshaft is fully counterbalanced.

WATER JACKETS—completely surround each cylinder.

CAST-ALLOY IRON CAMSHAFT—another Ford-developed alloy, with exceptionally hard cam and bearing surfaces.

CHROME-NICKEL VALVES—withstand corrosion and warping caused by high exhaust gas temperature. Enlarged hardened stem ends minimize wear.



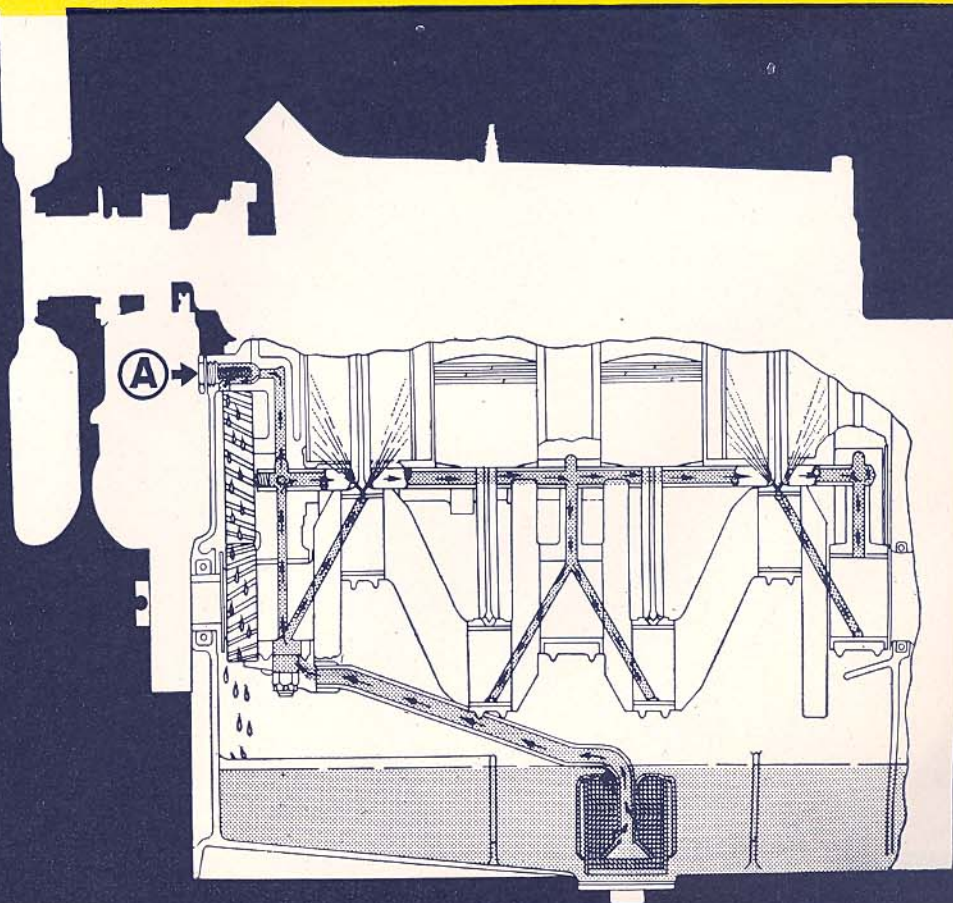
STEEL CYLINDER LINERS—help reduce wear and prolong engine life. Easily replaced at low cost. Costly reboring or honing is eliminated.

Amazing Oil Economy

Many features combine to make the engine of the Ford-Ferguson Tractor use astonishingly little oil. Parts like pistons, piston pins and rods are made to extremely close tolerances. A new process was developed to manufacture pistons which are light, strong and wear-resisting. Under heat, these pistons have approximately the same rate of expansion as the cylinders. Therefore, they remain close-fitting to reduce oil consumption.

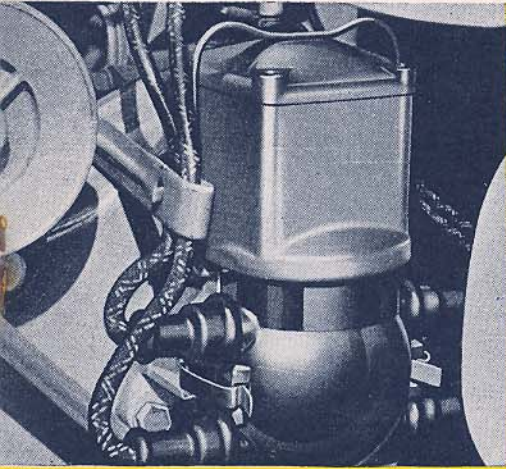
The water cooling system contributes to oil economy; water jackets extend full length of each cylinder and, therefore, cylinder temperature and expansion are kept more uniform over the complete area of each cylinder.

17

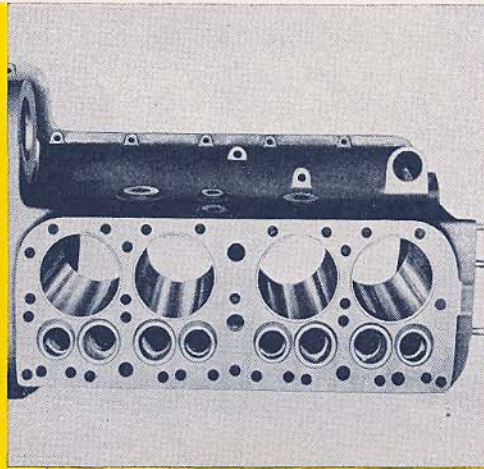


All main, connecting rod and camshaft bearings are pressure-lubricated. Oil is delivered to bearings by built-in passageways and holes drilled in engine castings, eliminating tubing. Timing gears are continuously lubricated by oil, by-passed from the pressure-regulating valve—A.

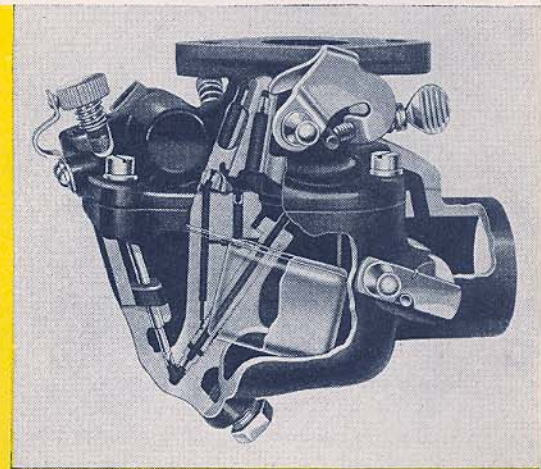
FEATURES FOR TOP PERFORMANCE LONG LIFE AND REAL ECONOMY



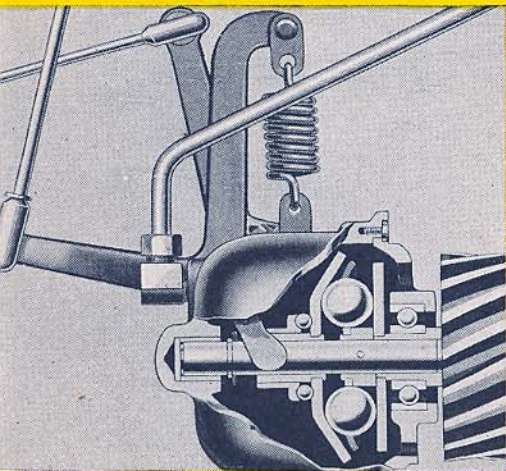
DISTRIBUTOR—direct-driven by camshaft, forms a waterproof unit with coil and condenser.



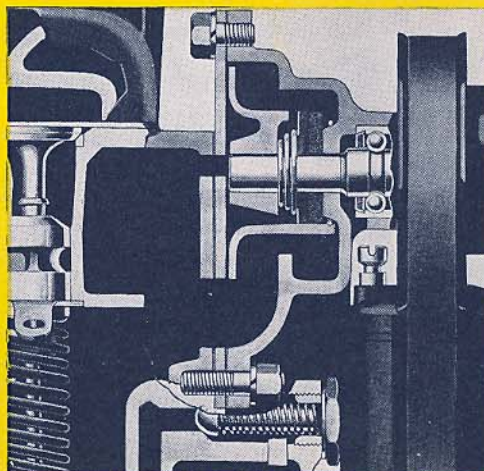
TUNGSTEN STEEL VALVE SEAT INSERTS—retain hardness at high temperatures. Valves rarely need grinding.



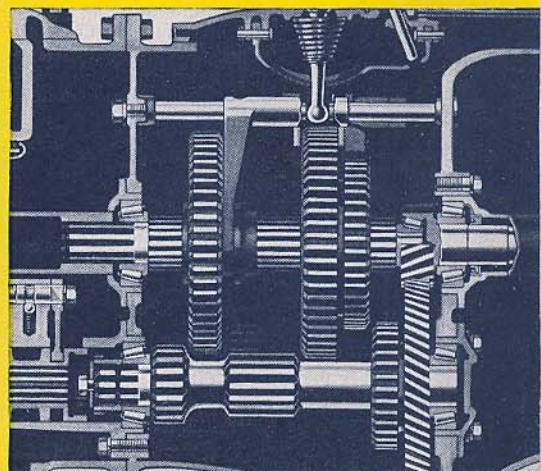
CARBURETOR—completely sealed plain tube updraft type. Simple, efficient, easily adjusted to secure maximum fuel economy.



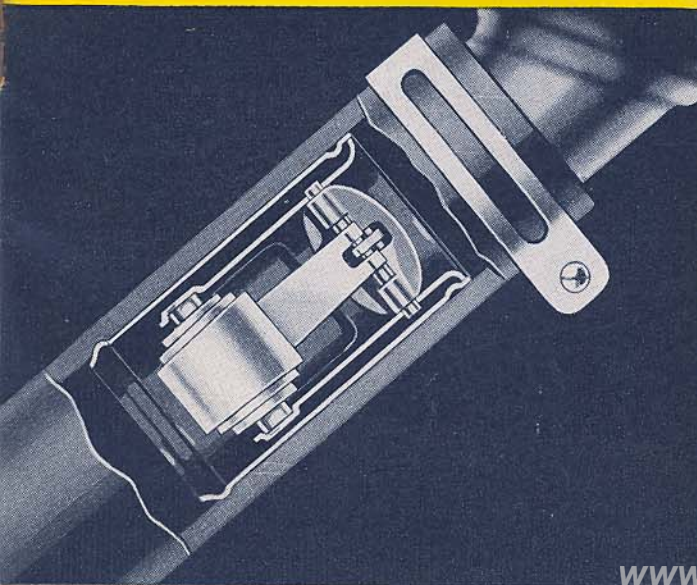
CENTRIFUGAL GOVERNOR—quick-acting, gives remarkably steady engine speed at all loads. Automatically lubricated and cleaned by oil direct from oil filter.



WATER PUMP—self-sealing, packless, centrifugal type with prelubricated, double-row ball bearings.

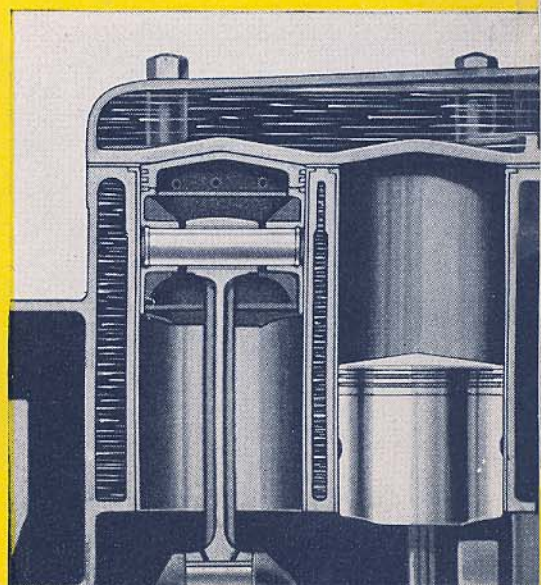


TRANSMISSION—quiet, long-life, with gears of forged alloyed steel, case-hardened. Tapered roller bearings used.

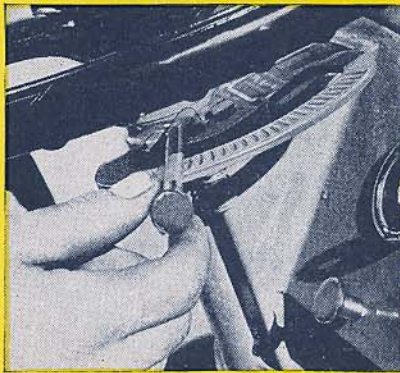


THERMOSTAT—water temperature is controlled by a thermostat installed in upper radiator hose. Water is kept at uniform temperature to give maximum engine economy.

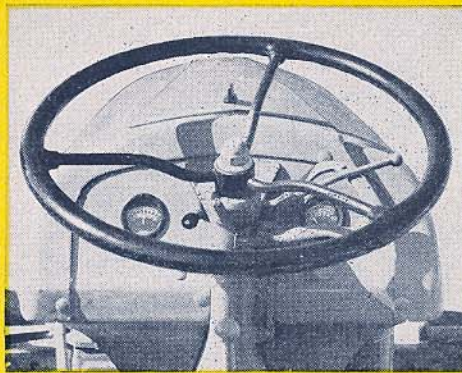
WATER JACKETS—full-length, insure more even expansion of the cylinders, minimize wear and aid engine efficiency.



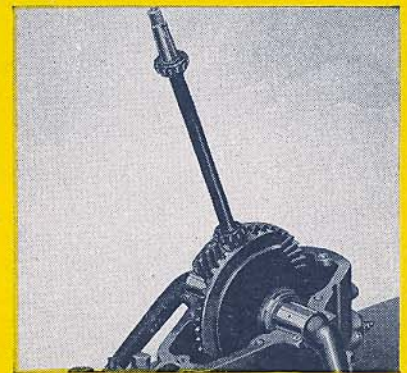
COMPLETELY EQUIPPED FOR *Safety* · *Convenience* · *Economy*



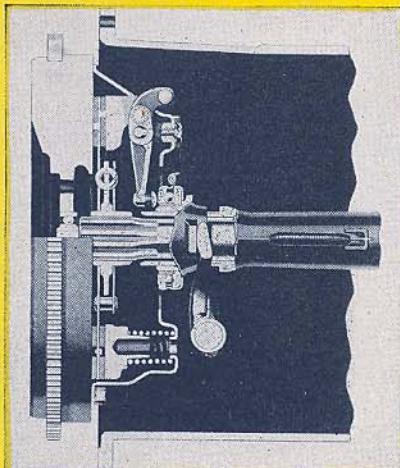
THROTTLE—is conveniently placed and has a notched quadrant to hold its setting. An efficient governor eliminates the need for frequent changing of throttle position.



ATTRACTIVE INSTRUMENT PANEL — is equipped with oil gauge and ammeter, placed directly in front of the operator.



STEERING GEAR—has a spiral beveled pinion and twin sectors. The gear ratio makes the tractor steer as easily as a passenger car. Tapered roller bearings on steering column reduce friction.



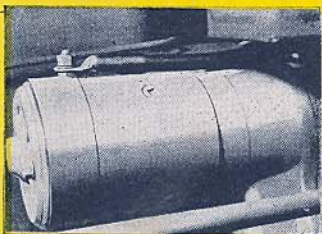
SEMI-CENTRIFUGAL CLUTCH — has high power - transmitting capacity and long life because centrifugal force increases the clamping action on the disc. Big friction area — 75.3 sq. in.



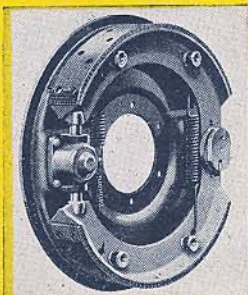
LARGE OIL BATH AIR CLEANER— is equipped with pre-cleaner at no extra charge. This keeps out chaff and other wind-borne foreign matter. Highly efficient in filtering dust particles out of the air fed through the carburetor into the engine.



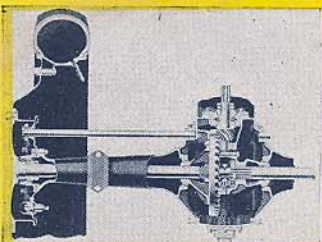
FUEL FILTER—also standard equipment, keeps water and sediment out of carburetor. Easily removed for cleaning. Shut-off serves as valve for one gallon of fuel held as a reserve supply.



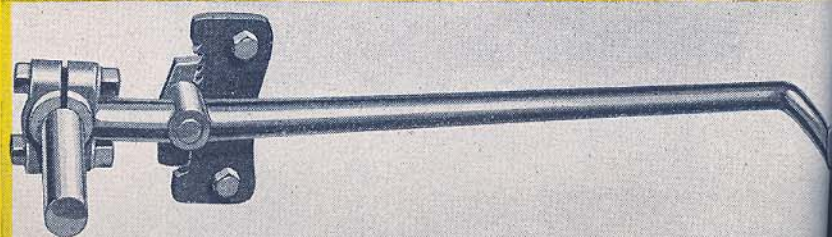
STARTER—conventional automotive type, mounted on left side. The pinion engages with the steel starter gear on the flywheel.



BRAKES—low pedal pressure stops tractor quickly, or locks wheel for turning. Brake drum diameter is 14", width 2". Easily adjusted to compensate for wear on lining.

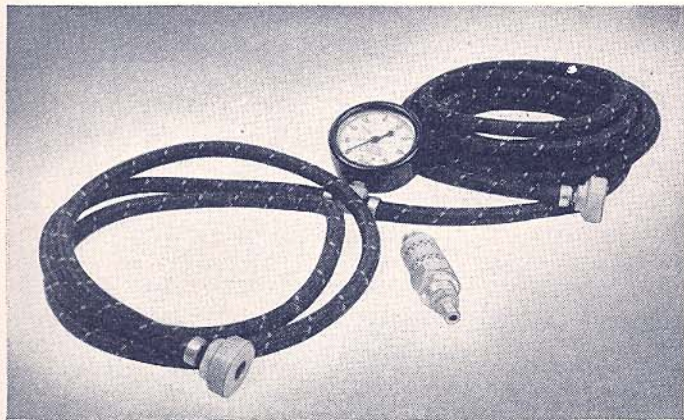


REAR AXLE—quarter floating type with spiral bevel gear drive. Ruggedly built to handle peak engine power.

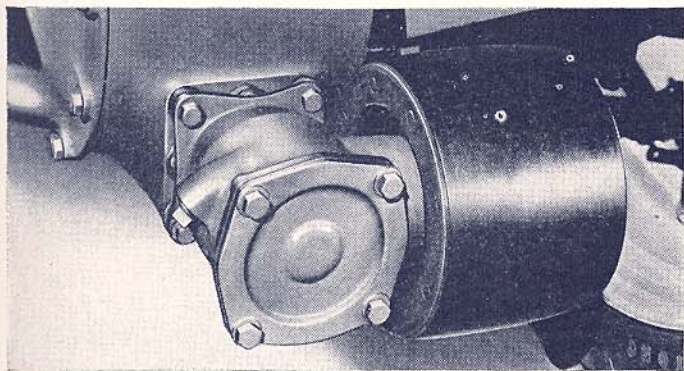


INDEPENDENT BRAKE PEDALS—each equipped with a swiveling pawl easily engaged with a ratchet to keep the brake applied when tractor is left standing.

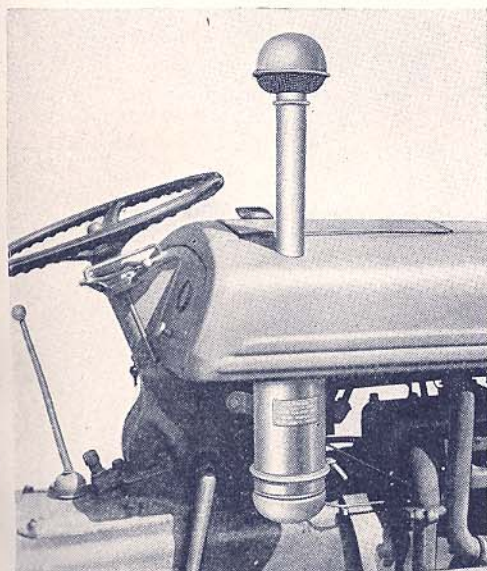
ACCESSORIES



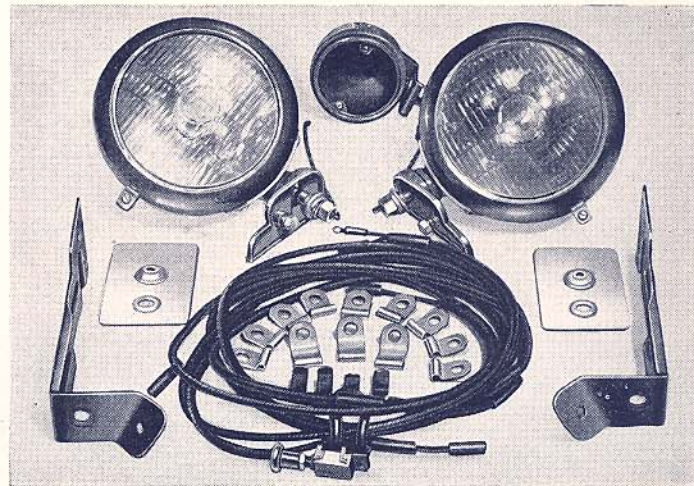
TIRE PUMP AND GAUGE—attach one end in spark plug socket, the other on tire valve, and engine pumps *clean*, cool air into tire. Gauge measures pressure whether attached to spark plug socket or not.



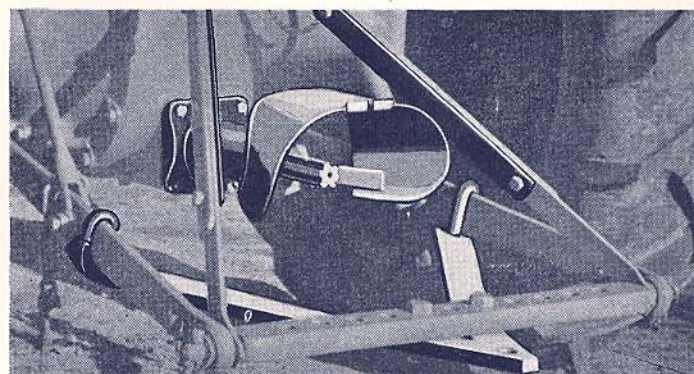
BELT PULLEY ASSEMBLY—includes pulley and gear box. Attaches to power shaft and may be swung to three positions to drive various types of stationary equipment. Clutch is built in tractor.



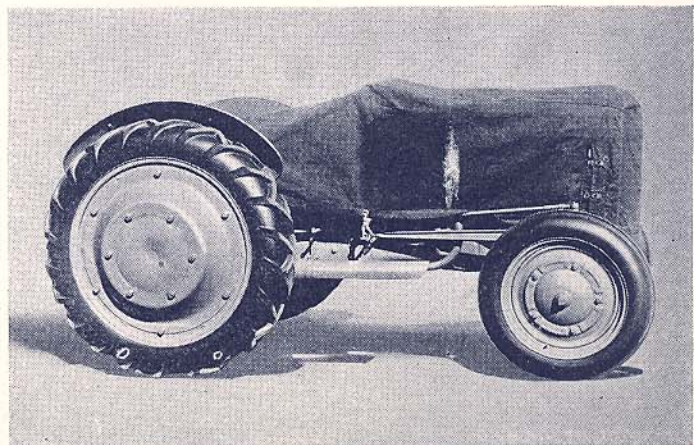
AIR CLEANER EXTENSION STACK—protects engine working in unusually dusty conditions. Gathers cleaner air above tractor hood and reduces overburden on air cleaner. Installation made easy with instruction diagram.



LIGHTING KIT—contains two sealed beam headlamps, red tail-light, license bracket, switch and necessary wiring. Both headlamps may be mounted on front of tractor or one may be mounted on rear fender to shine on implements.



POWER TAKE-OFF ATTACHMENT—this is the A. S. A. E. standard take-off power hitch. Coupled to the power shaft built in the tractor it will drive all standard power take-off driven machines.



STORM COVER—heavy, durable tarpaulin that buckles and ties snugly around vital parts of tractor. Recommended for trouble-free service whenever tractor cannot be housed when idle.

FERGUSON IMPLEMENTS

for
**FINGER TIP
FARMING**

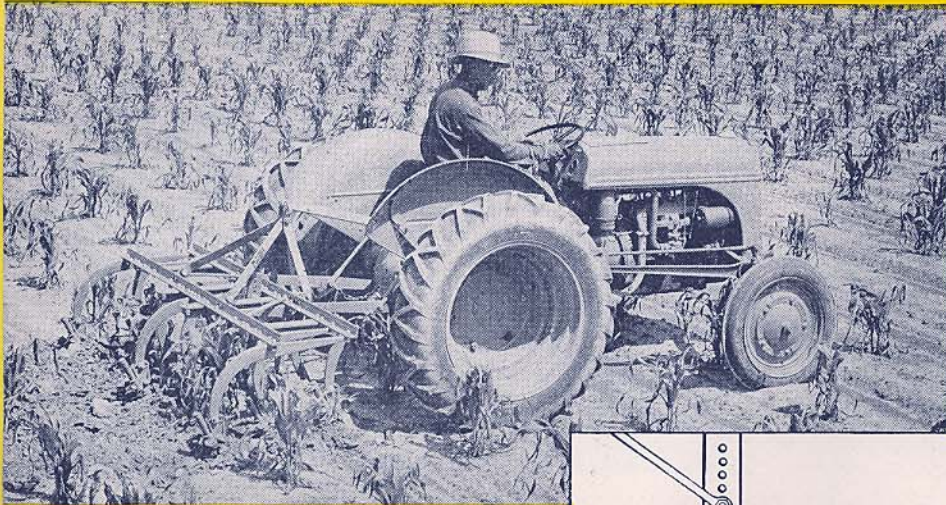
When you run through a field for the first time with a Ferguson Cultivator you soon find out that cultivating with this really modern equipment turns a tedious job into an enjoyable one.

Here's why. With the Ferguson System of cultivating you look where you are going to go, not where you *are* or *have been*; cultivators are on the rear of the tractor. Thus, when the rows are not quite straight or where a plant sets out of the row, you are prepared well in advance of the time the cultivator reaches the plant and can steer the tractor accordingly.

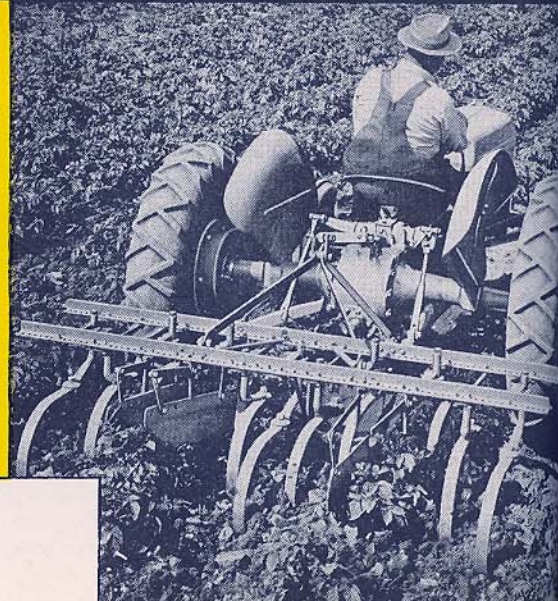
A heavy, sturdy fin keeps the cultivator on an even course. When you are cultivating across a hillside this fin keeps the cultivator from "falling away". Cultivating on contours and working point rows become easy jobs.

Cultivators are raised, lowered and set by finger tip control.

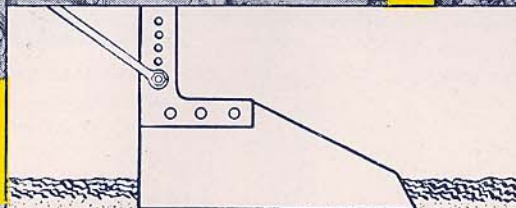
C U L T I V A T O R S



The N-KO Cultivator. Note that operator looks ahead, not down or behind. All shovels cultivate *behind* rear wheels—eliminate wheel tracks.



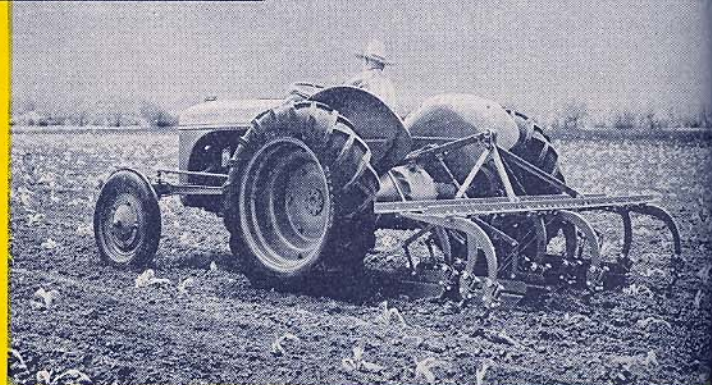
S-KO or Spring Tine Cultivator. Position of tines changed quickly for trash clearance. Crank adjustments also allow fine variation in row widths. Recommended for rocky soil.



This sturdy fin (or disc for certain conditions) makes Ferguson Cultivators follow action of the steering. When you steer to the right or left cultivator moves to right or left.



L-KO Listed Crop Cultivator
Discs are reversible so dirt can be thrown toward or away from plants, depending on stage of growth.



Another N-KO Cultivator. Accurate uniform depth control plus easy accurate steering reduces damage to young, tender plants.



The Ferguson Tiller is the only implement of its kind. It attaches to the linkage of the Ford-Ferguson Tractor in a minute or two and the finger tip control sets, raises and lowers it.

Each tine has an individual spring release. As a tine encounters an obstruction it releases, passes over and automatically resets itself. No need to stop the tractor or raise the implement out of the soil.

The Tiller is used primarily for deep work; its maximum working depth is nine inches. Thus, it is an ideal implement for seedbed preparation without plowing, orchard cultivation, going down to break up hard pan, for pasture rejuvenation, and for reclaiming cut-over land.

T I L L E R S

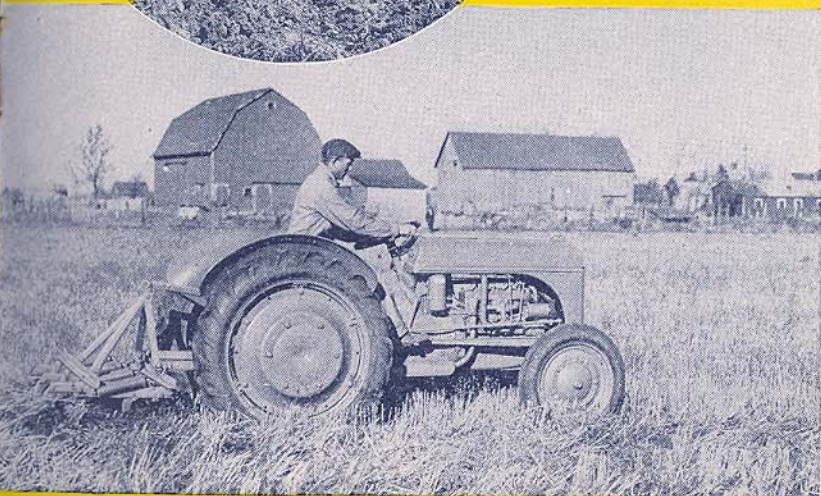


↑ The Tiller works *deep* as the picture above shows. Maximum working depth is 9 inches.

◀ Vegetable farms with loose soils and light loam frequently are gone over with Tiller instead of being plowed.



This cut-over land, still filled with heavy roots and trash, is being successfully worked with the Tiller.



Heavy stubble worked with the Tiller breaks soil but leaves some stubble protruding to catch and transfer moisture for storage, and to prevent blowing.



The Tiller can be used close to mature trees without damage to roots; simply tilt implement with leveling lever.



WEEDER

With the Ferguson Weeder 50 acres or more per day can be covered easily. Its 74 springy, sharp teeth zig-zag through the soil tearing out roots of small weeds, thereby reducing the number of cultivations required after the crop grows. Farmers who have bought the Weeder primarily for weed control have found it particularly effective in breaking up soil crust.

Attaches in a minute or two, operates by finger tip control, end sections fold back over center section for transport through gates and narrow lanes.



LISTER PLANTER

When a finger tip touch on the hydraulic control lever lifts the Lister to transport position, planting automatically stops! Move the finger tip control forward and when the planter engages the ground, it resumes planting as the tractor moves forward. This simple control makes it easier to finish and start row ends.



MIDDLEBUSTER

Like other Ferguson unit implements the Two-Row Middlebuster is raised, lowered and set by finger tip control. The unit feature has important advantages when middlebusting on the contour. There is no tendency for the Middlebuster to drift when working on the contour or when rebedding. Short wheelbase and short turning radius of the Ford-Ferguson Tractor make working short point rows easy.



DISC HARROWS

From the tractor seat you angle or straighten the gangs of Ferguson Double or Single Disc Harrows with the finger tip lever. Thus, with the Ferguson System, strong arm tactics, backaches and strained stomach muscles are no longer necessary preliminaries to the job of disc harrowing.

Here is another revolutionary feature. If the disc hits tough going and the tractor wheels bury into soft ground, an emergency control close to the tractor's rear wheels makes contact with the ground and automatically releases disc angles. As the tractor moves ahead, the disc is restored, automatically, to cutting position.

With finger tip control of disc angles, it is now possible to straighten the gangs at the headlands to prevent mounding dirt when making turns.



PLOWS

As explained in the front section of this book, the Ford-Ferguson Tractor pulls Ferguson Plows into the soil without the use of weight. Thus, by obtaining sufficient strength through the use of alloy steels, Ferguson Plows are made with approximately one-half the "poundage" of other plows. Aside from the efficiency of the tractor's engine, the elimination of dead weight in Ferguson Plows reduces fuel consumption.

Plows attach or detach in a minute, operate with finger tip control and are available in standard and special types of bases.

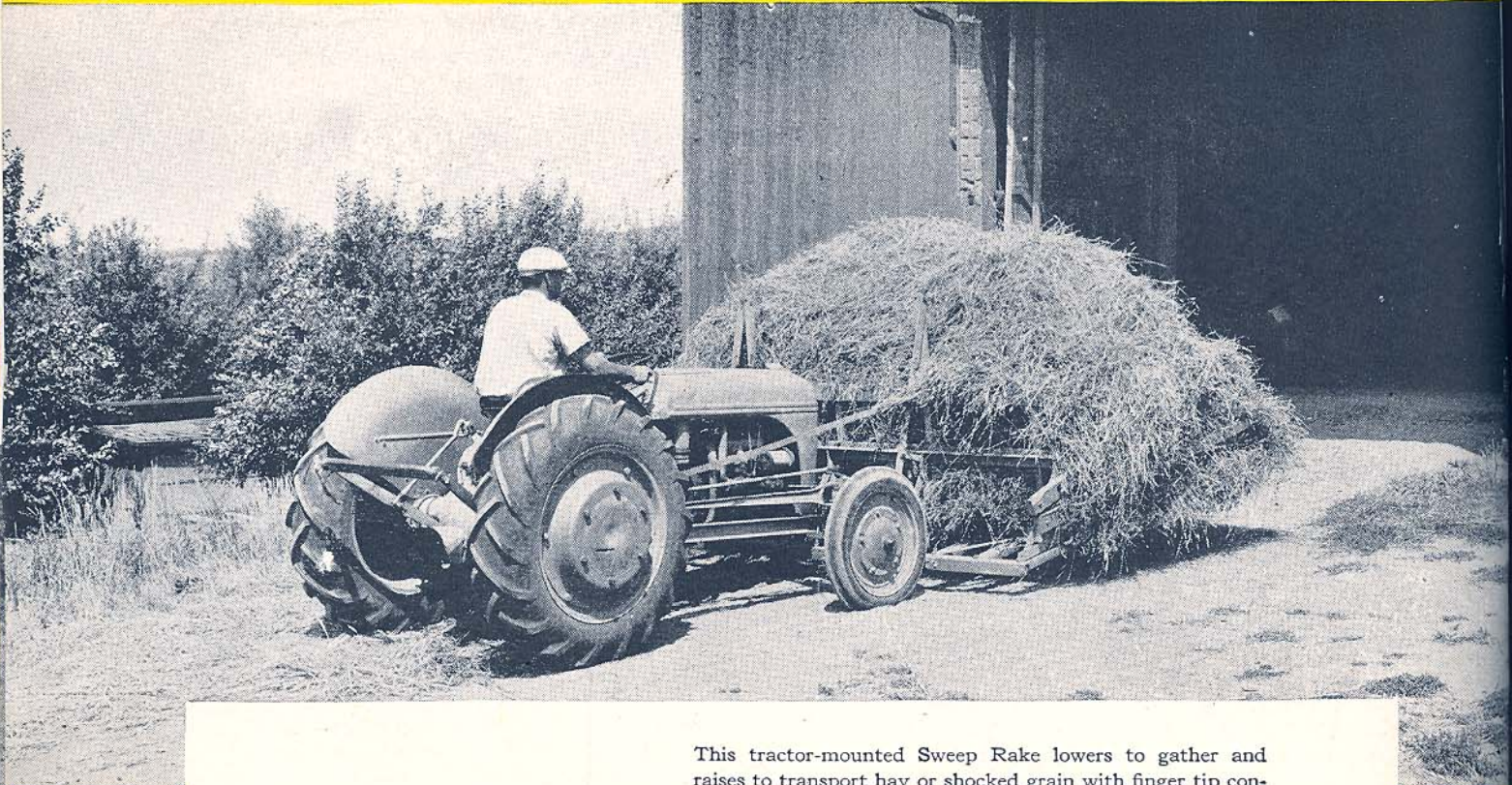


MOWERS

The cutter bars of the Ferguson Agricultural Mower, left, and the Ferguson Heavy-Duty Mower, right, are raised and lowered by finger tip control while the tractor is in motion or standing. With no heavy lifting or tugging, it becomes unnecessary to stop the tractor to lift or lower the cutter bar.

The Agricultural Model has a positive safety release which allows the cutter bar to swing to the rear upon hitting a hidden obstruction, and cuts off the power to the sickle.

The Heavy-Duty Model's safety release is a clutch throw-out type which stops the forward movement of the tractor.



SWEEP RAKE

This tractor-mounted Sweep Rake lowers to gather and raises to transport hay or shocked grain with finger tip control. The absence of heavy levers brings a welcome relief to muscle-lifting the heavy loads that a Sweep Rake gathers.

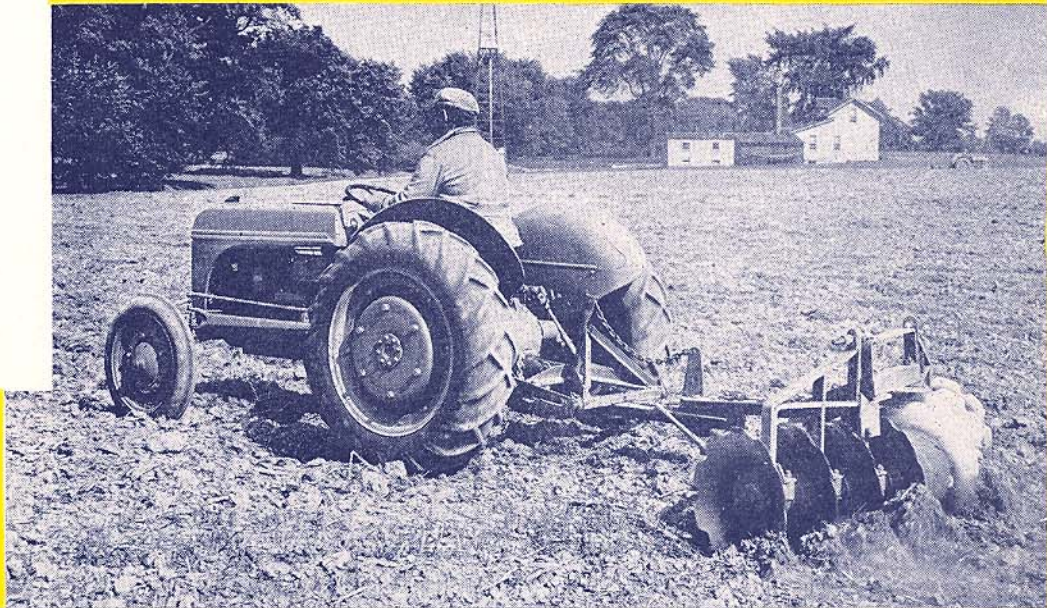
To dump loads with this Sweep Rake, you lower the tines to the ground and then back the tractor. As the tractor backs, a trip foot, fastened to the push-off rack, catches in the ground and automatically spills off the hay or bundles.

BUSH AND BOG HARROWS

These Bush and Bog Harrows are much heavier than Disc Harrows. They are used for such jobs as cutting heavy weeds, stalks and briars, cleaning out hedges, turning under cover crops in orchards, clearing headlands, working seedbeds on newly cleared land, mulching straw and stubble, terrace maintenance and filling shallow gullies.

Unit Type: The Bush and Bog Harrow, above right, is mounted on the tractor with the standard three-point attachment. The finger tip control lever lifts and lowers the implement. Disc angles on this model are changed by tie rods.

Pull Type: The model, right, employs the finger tip control of the Ford-Ferguson Tractor to angle the discs. It is a heavier model than the unit type.



DISC PLOW

In certain types of soils a more satisfactory job of plowing can be done with a Disc Plow than with moldboard type. With the Ferguson System this Disc Plow has many of the same advantages of operating ease as the standard plows. Used with the Ford-Ferguson Tractor, finger tip control raises and lowers discs. A manual control sets discs in the ground.



DISC TERRACER

The Ferguson Disc Terracer is within reach of practically every farmer's pocketbook.

The disc is raised and lowered by finger tip control and since it is located between the front and rear wheels of the tractor, it has maximum stability when working across steep slopes.

After looking at this picture, it is easy to see why it will build the terraces up close to fences. Also it is ideal for digging ditches and breaking rough land, such as reclaimed swamps.

BLADE TERRACER

The blade of the Ferguson Blade Terracer raises and lowers by finger tip control. Moreover, the blade is reversible, so that in building a terrace or diversion ditch you can work back and forth on the same side.

It can be tilted at several angles to dig or clean ditches. It is also used for maintaining roads and driveways, plowing snow and moving dirt for many other kinds of jobs.

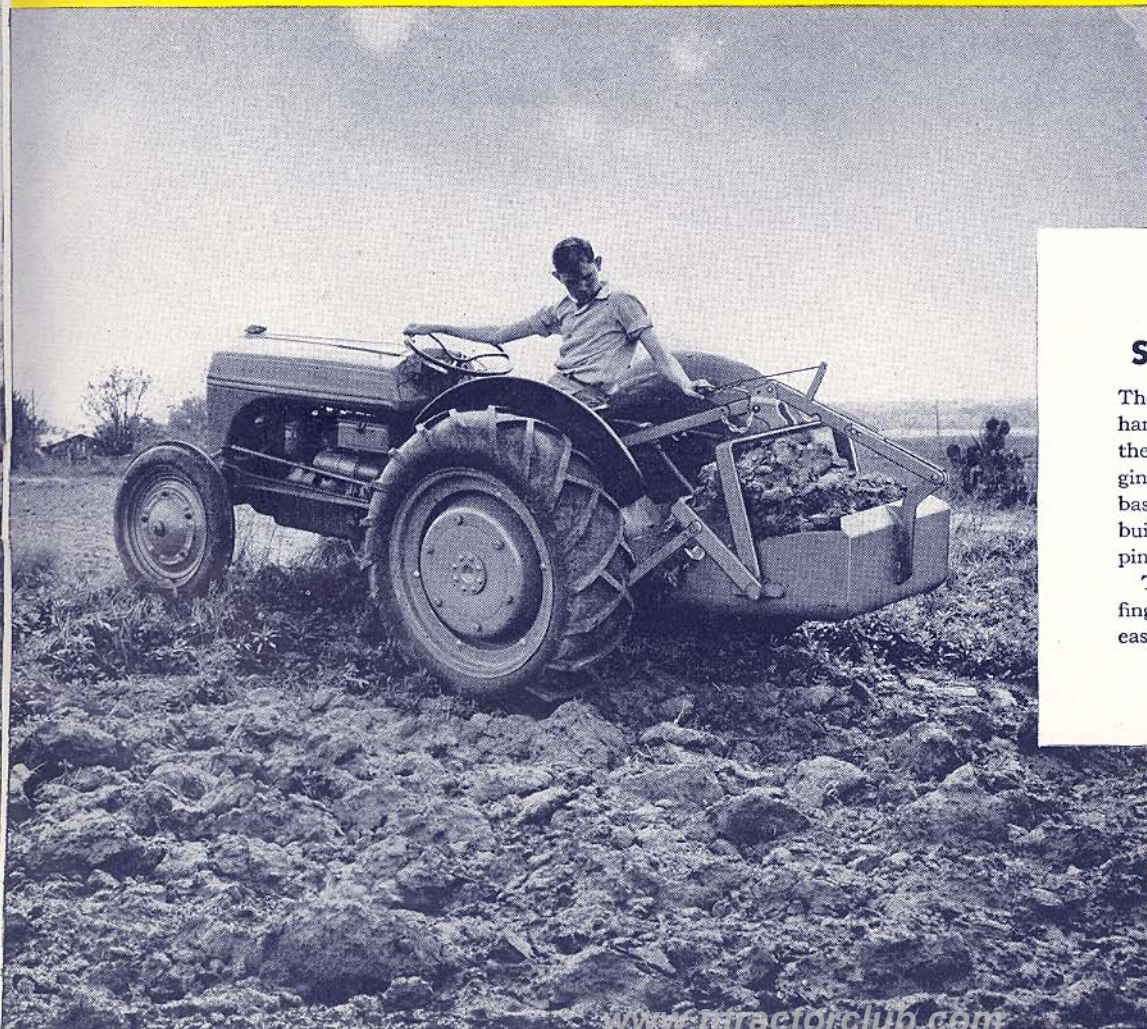




CORDWOOD SAW

This Cordwood Saw, mounted right on the tractor, goes anywhere the tractor will go and permits you to take the saw to the job.

When raised to transport position by finger tip control, the belt loosens automatically and the saw stops. And when you get to the next job, the finger tip control lever pushed forward lowers the frame to the ground—ready to go to work. No adjustments, no lining up, no belt to tighten. Counterbalanced swing table makes the actual work of sawing easier. Sturdy guard over blade is one of many safety features.



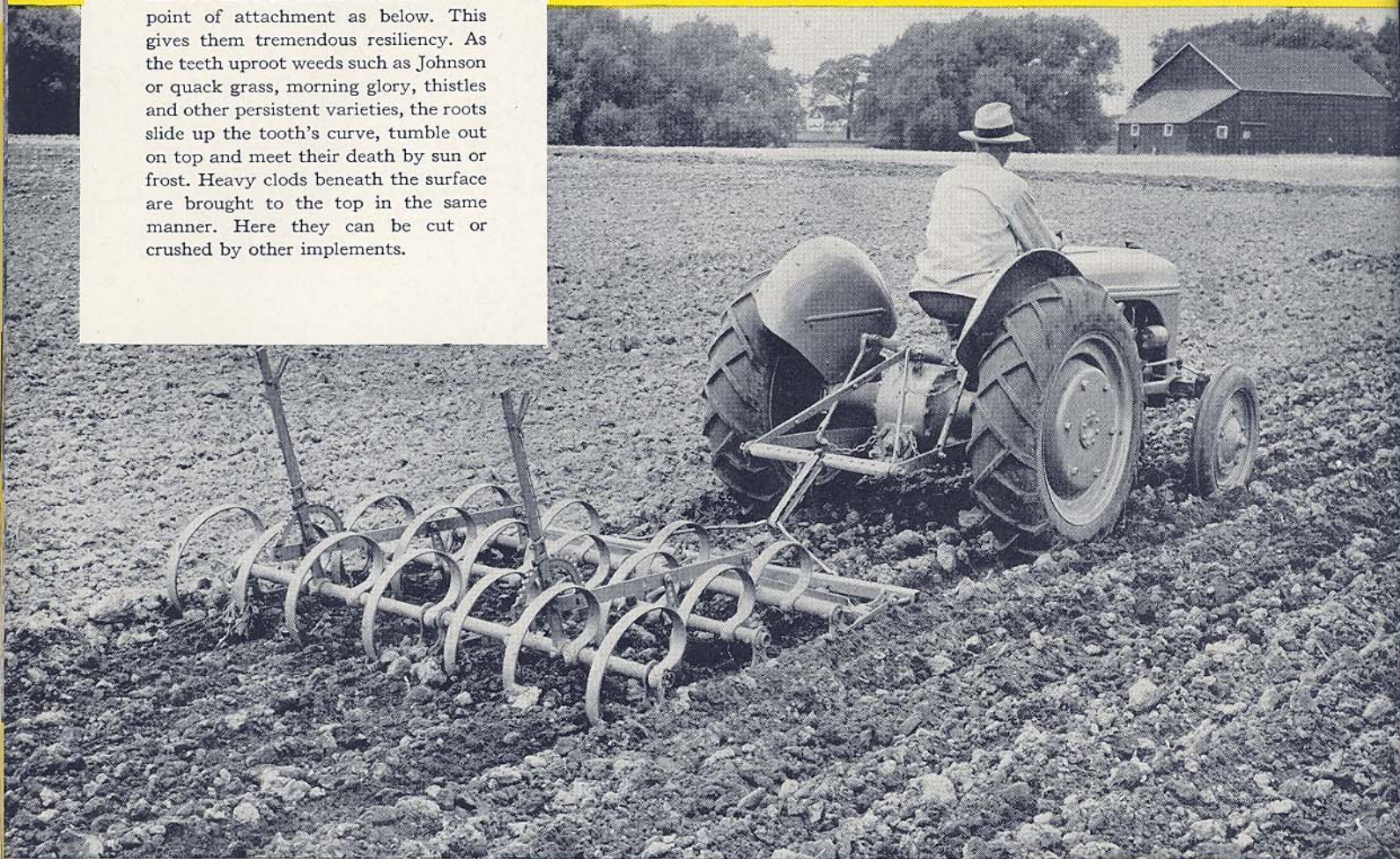
SOIL SCOOP

The Ferguson Soil Scoop is one of the handiest tools any farmer can own. Among the many jobs for which it is used are digging ponds, trench silos, drainage ditches, basements; leveling and filling around buildings; constructing earth dams; stripping sod and turf and maintaining terraces.

The Scoop is lowered and raised by finger tip control and is dumped by an easily-reached hand lever trip.

SPRING TOOTH HARROW

The teeth of the Ferguson Spring Tooth Harrow have as much steel above the point of attachment as below. This gives them tremendous resiliency. As the teeth uproot weeds such as Johnson or quack grass, morning glory, thistles and other persistent varieties, the roots slide up the tooth's curve, tumble out on top and meet their death by sun or frost. Heavy clods beneath the surface are brought to the top in the same manner. Here they can be cut or crushed by other implements.



CORN PICKER

This Wood Bros. Corn Picker possesses many exclusive features, including a rotating bar that snaps ears off the same as in hand picking and rubber husking rolls paired off against slotted metal rolls for clean husking with little shelling. These two features alone have made the Wood Bros. Corn Picker a highly preferred machine among seed corn growers throughout the corn belt. Your Ferguson Dealer has complete information about the Wood Bros. Corn Picker.



COMBINE

This Wood Bros. 6-foot Combine meets the requirements of both small and medium-size farms. Any full, two-plow tractor has ample power to operate it on the power take-off. If you prefer a self-mounted engine, it is available.

Large straw capacity, long strawwalkers with a *rotary* action, large-volume low-pressure fan, herringbone cylinder with rubber-covered bars, straight-through separation and many other features make this combine an efficient threshing, clean separating machine. Your Ferguson Dealer has complete information.

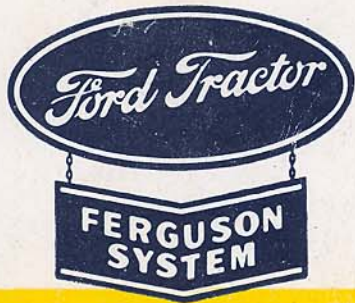


THRESHER

Examine the quality and design of this 26 x 46 Wood Bros. Thresher from the feeding table to the end of the straw blower and you will see why it is recognized by users as an outstanding machine. Rotary knife feeder delivers evenly spread straw to cylinder. Heavy-duty cylinder, carefully balanced before and after assembly, runs on tapered roller bearings. Rotary straw racks, a patented feature, assure clean separation.

The Ford-Ferguson Tractor will keep the Wood Bros. Thresher running at an even speed, which is essential for efficient work. Your Ferguson Dealer has complete information.

ASK YOUR FERGUSON DEALER FOR A FREE DEMONSTRATION *Now!*



While pictures and words can tell a powerful story about the Ford-Ferguson Tractor and Ferguson Implements, they cannot give you the "feel" of operating this equipment. Ask your Ferguson Dealer to demonstrate this equipment at work. Get on the tractor, operate the implements yourself and then you will fully understand why letters like these below continue to pour in every day from enthusiastic owners everywhere.

Here's what Owners say:

MIDDLE WEST



... In a plowing bee consisting of 13 tractors—4 different makes and 4 different sizes—the Ford-Ferguson Tractor was still faster than the biggest one of the others. The only one I didn't pass was another Ford-Ferguson... John R. Hansen, Bloomfield, Nebraska.

MOUNTAIN



... We have not favored our tractor. It has been used every day. In the last three years it has done the work on our 1100 acre farm. During the season it runs night and day... G. W. Hanson, Forsyth, Montana.

... I have never found any job too tough for the Ford-Ferguson Tractor in my 2 years' use... Ed Hartman, Zurich, Montana.

WEST COAST



... I am 75 years of age and can handle the Ford-Ferguson Tractor with no difficulty... August Hans, St. Helena, California.

... The Ford-Ferguson Tractor has proved its merits on our farm as it is hilly and some of it very steep... Frank Genzer, Buxton, Oregon.

SOUTHEAST



... We use on an average of twelve gallons of gas in a ten-hour work day for breaking or harrowing while only six gallons of gas for cultivating. Our oil cost is practically nothing... T. Ross Sharpe, Lyons, Georgia.

SOUTHWEST



... In the heart of the Rockies, a real snow country, where I live I use the Ford-

NEW ENGLAND



... Because my left leg is missing, I had a hand clutch and brake put on the left side of the tractor. Now I do everything with it on my farm from spraying my orchard to plowing snow in winter. I couldn't find another tractor on the market that would adjust itself to my affliction... Dan Andrews, South Glastonbury, Conn.

EAST



... The Ferguson Cultivator is the only one that can successfully cultivate under all conditions for depth control and on the side hill regardless of the degree of the slope with absolutely no side slippage... Frank Hodulik, Pittstown, N. J.