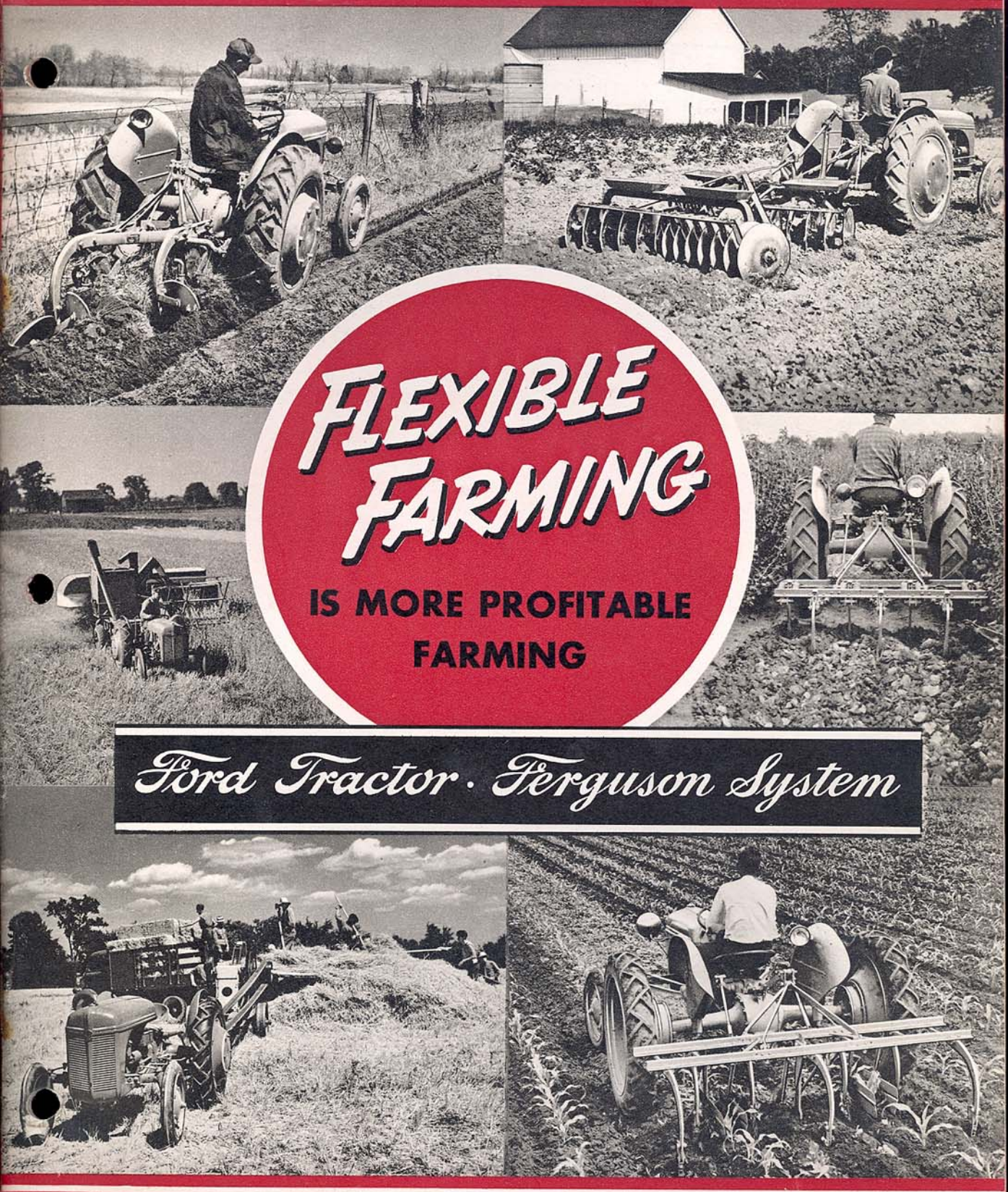


★

From the brain of Harry Ferguson (left) came an entirely new method of pulling and controlling an implement in the soil. To give the new idea life, the full resources of the world's foremost industrial plant were placed at Mr. Ferguson's disposal by Henry Ford (right). The result of this partnership of vision and genius was a tractor new in design, different in principle, costing less to buy and less to operate.

★

SOMETHING HAS HAPPENED...

NO OTHER farm equipment in the world is like the Ford tractor with Ferguson system. Tradition has been completely discarded. A new idea has been born. Because of it, you now can bring tractor power to your farm, more economical, more adaptable than you have ever believed possible.

With the new Ferguson system of linkage and hydraulic control of the implements, this tractor will do things you would not ordinarily dream of trying with a small, lightweight unit. With the Ferguson system, the Ford tractor will pull two 14″ bottoms in average conditions. It plows on steep hills with a greater degree of safety. It does not pack the land the way heavier tractors do. Its fuel economy and ease of handling will amaze you. Even younger members of the family operate it without difficulty.

But best of all, the Ford tractor with Ferguson system gives you a broader range of usefulness. It is making flexible farming a reality. Thus, it points the way toward lower production costs and greater net income—a richer, fuller life for you and your family.

FLEXIBLE FARMING

IS MORE PROFITABLE FARMING

THE STORY of flexible farming, made possible by the Ford tractor with Ferguson system, can be simply told.

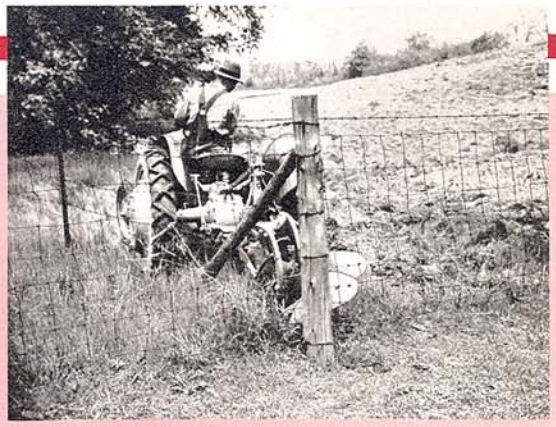
Until development of this new principle of implement linkage and control, all too often you have had to trim your farming plans to fit your equipment. *Now you can adapt tractor and implements to fit your plan.* You can have greater freedom in planning your cropping system and use of your land in the way you think will give you greatest income at the lowest cost. *That's flexible farming!*

Neither size of fields, type of soil, contour of the land nor variety of crops you raise need longer keep you from reaping the benefits of economical power, through the Ford tractor with Ferguson system. The small farm, as well as the large, can now profit from getting work done quickly, when the time is right.

More timely work, better seedbed preparation and tillage, ample power for harvesting and belt work—all contribute to lower costs and increased income.

Best of all is the *economic flexibility* of the Ford tractor with Ferguson system. The cost of the Ford tractor with its basic implements is comparatively low. Operating costs are similarly low. It is quickly and easily adapted to the production requirements of practically every crop, irrespective of the methods you use to prepare the seedbed, plant, cultivate and harvest. It enables you to change your cropping plans as conditions warrant, without heavy additional investment in implements.

Here at last is truly flexible equipment for flexible farming—another way of saying *more profitable* farming!



The Ford tractor with Ferguson system implements enables you to work in garden plots, small fields and corners impossible to plow or cultivate with other types of equipment.

Rough, rolling or hilly land no longer need stop you from benefiting from getting work done on time, at lower cost, through the use of modern tractor equipment.

On hillsides, there is no doubt about the extra stability provided by the Ferguson system and 4-wheel Ford tractor.

Never before has there been a tractor that conquers so many Farm Operating Problems

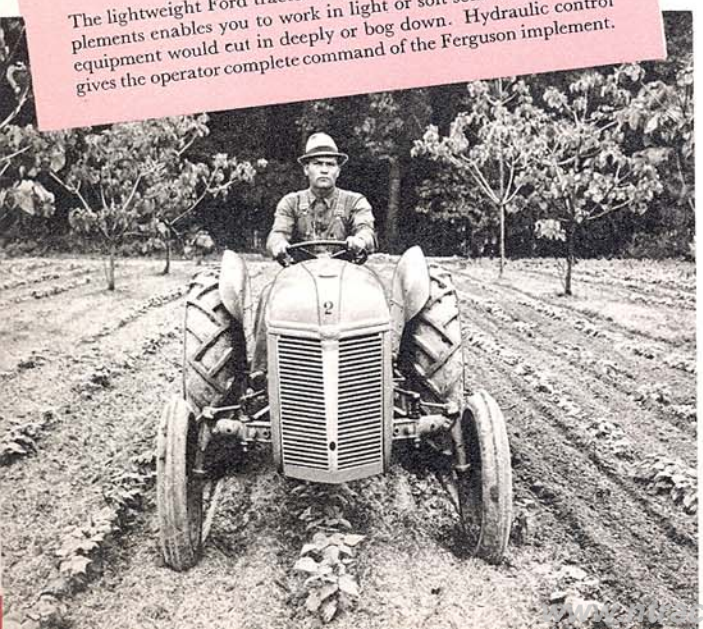
The amazing performance of the new Ford tractor is made possible by the Ferguson system, which brings to tractor operation a *new principle of pulling and controlling an implement in the soil.* This new principle gives you five advantages not available with other methods of controlling an implement and attaching it to the tractor and proves that excess built-in weight is not essential for traction:

1. **Holds its ground-engaging implements in the soil without the use of weight.**
2. **Implements easily maintained at working depth.**
3. **Utilizes reaction of implement in the soil to provide additional traction for the tractor.**
4. **Tends to keep the front end of the tractor on the ground in hard pulling or on hills.**
5. **Minimizes strain on tractor and implement when the implement strikes a hidden obstruction in the field.**

Because of these five exclusive advantages, you now can realize the economies of light weight in tractor and implements. Satisfactory tractor operation no longer is limited to ideal field conditions. Now, for the first time, you can get a tractor and implements that in addition will work on soft or hilly ground, in soil that is tough or full of obstructions, in small or irregularly shaped fields.

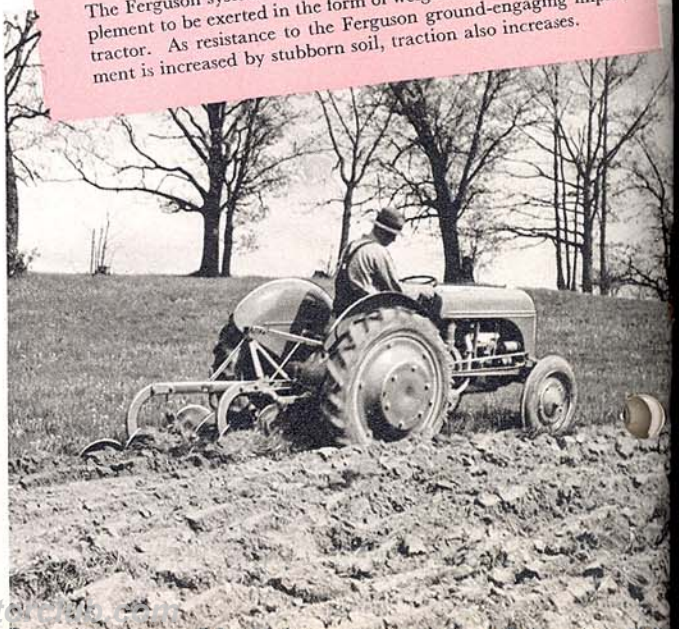
LESSENS SOIL PACKING

The lightweight Ford tractor with lightweight Ferguson unit implements enables you to work in light or soft soils where heavier equipment would cut in deeply or bog down. Hydraulic control gives the operator complete command of the Ferguson implement.



GREATER TRACTION IN HARD GOING

The Ferguson system causes the resistance of the soil on the implement to be exerted in the form of weight across the rear of the tractor. As resistance to the Ferguson ground-engaging implement is increased by stubborn soil, traction also increases.



How the FORD TRACTOR with FERGUSON SYSTEM can help reduce power costs on your farm

COST of doing farm work with tractor power can be reduced in several ways. One is to pay less for the tractor without sacrificing capacity. Another is to use a tractor that reduces the amount of fuel, oil and other costs per acre of ground or hour of work. Third is to select a tractor that can be used on the widest possible range of work. By so doing, you can use it more hours per year. Overhead costs are reduced and investment in duplicate types of power or equipment made unnecessary.

The new Ford tractor with Ferguson system reduces your costs in all these ways.

COSTS LESS TO BUY

Reduction in weight, combined with Ford manufacturing skill, makes possible the remarkably low price of this new tractor. Because of the exclusive advantages provided by the Ferguson system, it has capacity equal to that of many tractors weighing much more, selling at a much higher price. Extensive use of newly-developed Ford alloys gives it exceptional strength and ruggedness.

COSTS LESS TO OPERATE

Elimination of useless dead weight means more than a saving in first cost. With the new Ford tractor, you do not have to burn extra fuel to pull excess weight through the field. That's one reason why owners report this unit is setting new records for low fuel consumption.

USE IT ON MORE JOBS

The new Ford tractor is an *all purpose* tractor. Its amazing performance is by no means confined to plowing. It also is ideal for field and row-crop cultivating. On the drawbar it pulls a 6′ tandem disk harrow, 9′ spring tooth harrow or similar tools with ease under average conditions. Through its power take-off it handles a 6′ combine, 10′ binder, cornpicker or similar equipment. On the belt, it has capacity for 22″ x 36″ threshing machine, 19″ ensilage cutter or machinery of equivalent power requirements.

LOWER IMPLEMENT COST

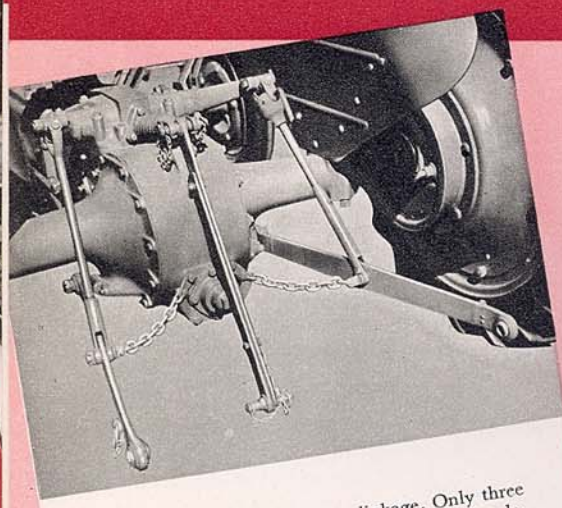
Light weight and the adaptability of many Ferguson system implements for use on more than one type of work helps you keep your investment in implements at a minimum. Changing from one cropping system to another is a simple matter. These savings add still more to the economy of owning a new Ford tractor.

Power take-off, furnished as standard equipment, widens the usefulness of the new Ford tractor with Ferguson system.

The remarkable performance and ease of handling the new Ford tractor amazes those who see it in action for the first time.

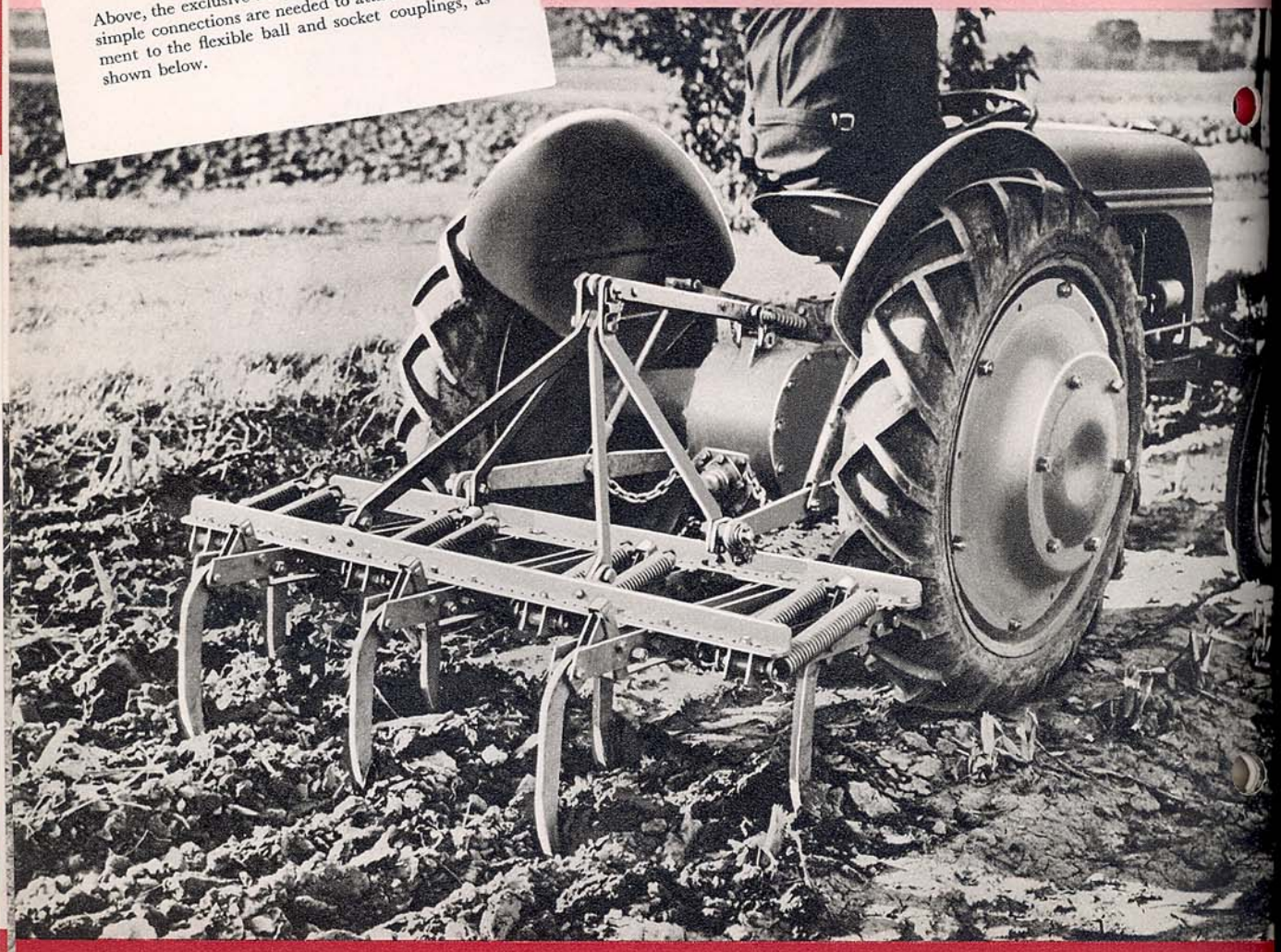
High torque engine and responsive governor gives remarkably steady speed and high capacity on the belt.

★ New standards of tractor and Exclusive Ferguson system o

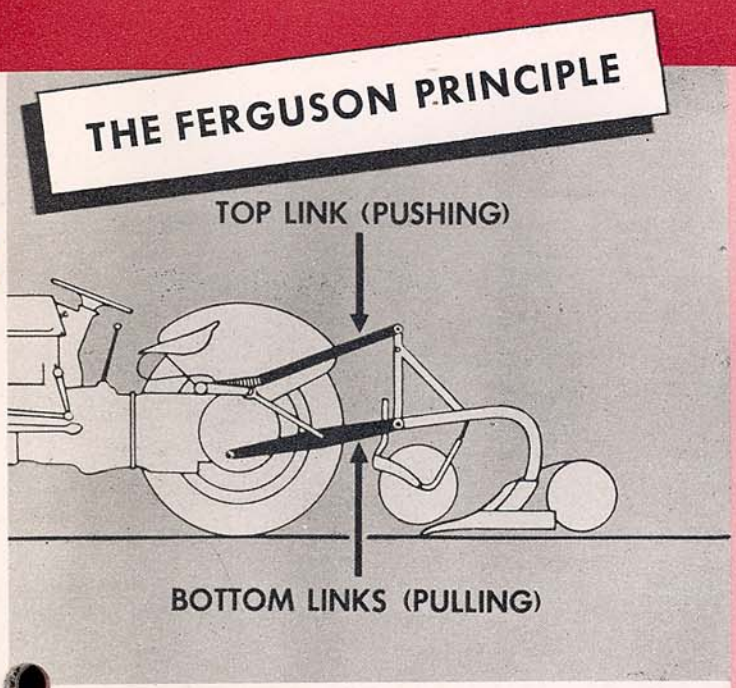


Above, the exclusive Ferguson linkage. Only three simple connections are needed to attach the implement to the flexible ball and socket couplings, as shown below.

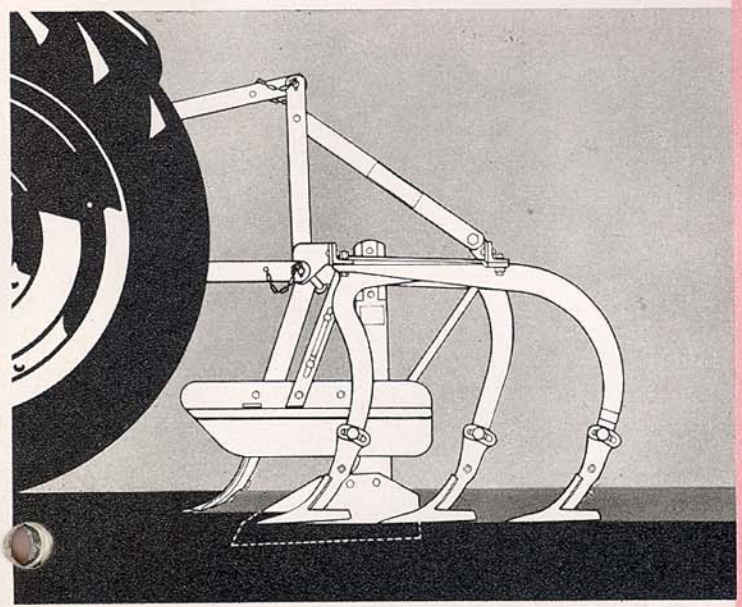
UNTIL the development of the Ferguson system of unit implement linkage and hydraulic control, tractors had to be made heavy to provide traction; implements had to be heavy to assure penetration. Tractors had to have long wheel bases to keep the front end down in hard pulling. *Such expensive, fuel-consuming extra weight is no longer necessary*, as a trial on your own farm, at your own work will easily prove to you.



implement performance set by the linkage and hydraulic control



Ferguson implements do not depend upon weight to force the implement into the soil. Instead, the linkage is so designed that the implement is *pulled into the soil by the forward motion of the tractor*. Because the implement is pulled into the ground as the tractor moves forward, a means of controlling the depth is required. This is accomplished by the finger-tip control of the hydraulic system.



The design of the flexible linkage makes possible *cultivation from the rear*. In addition, a special fin, or rudder on the cultivator engages the soil to keep the sweeps or shovels following the path of the front wheels.

In the light of requirements on *your* farm, think how you will gain with tractor and implements having these exclusive advantages:

MORE PULL WITH LESS WEIGHT

Every ounce of the Ford tractor is utilized as "muscle," not ballast. Weight of the Ferguson unit implement and resistance of the soil are utilized to help increase traction when needed.

TRACTION AS YOU NEED IT

In hard pulling, the unit implement linkage and control automatically act to give you increased traction. In light pulling where extra traction is not needed, you benefit from the lower fuel consumption of this lightweight outfit.

HOLDS ON HILLSIDES

The flexible or nonrigid, close coupled connection between unit implement and tractor gives better control on hillsides, with less tendency for the implement to fall away.

GREATER SAFETY ON STEEP GRADES

In pulling, the top or compression member of the linkage *pushes* forward on the tractor, tending to hold the front end down. This adds materially to steering control and safety, both when going up a hill, and when working on hillsides.

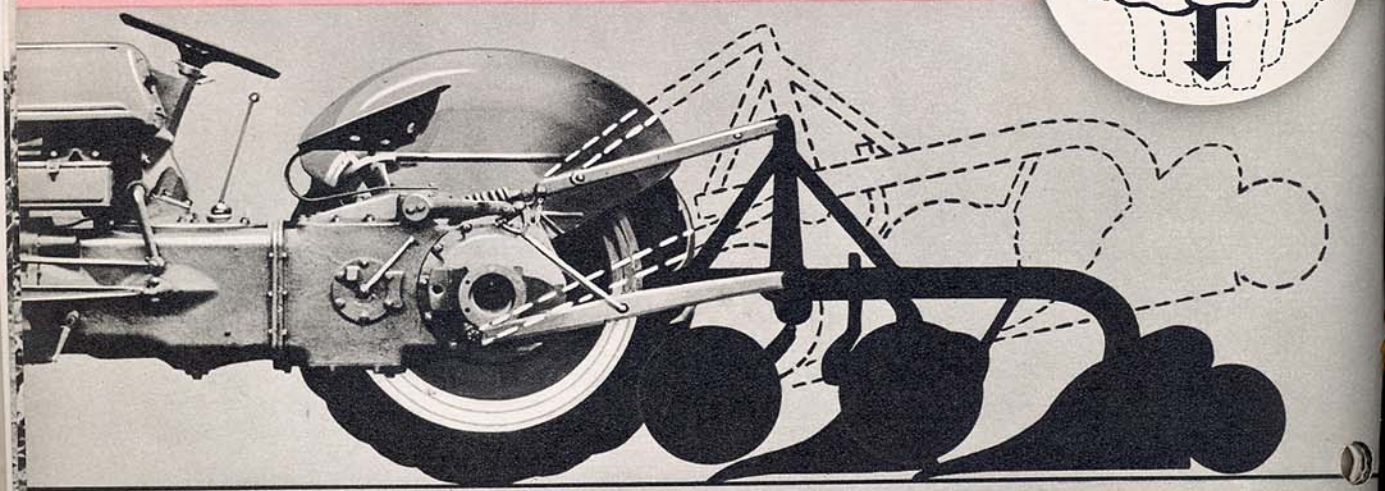
Rolling and hilly land can be worked by the new Ford tractor with Ferguson system implements, with a greater feeling of safety and greater ease.

HOW THE FERGUSON SYSTEM WORKS

When the implement engages the ground it is *carried by the tractor*, thus providing additional weight for traction. The heavier and tighter the soil the greater is the weight carried; and the lighter the soil, the less is the weight carried. It is just like adding or taking off ballast as needed. The implement always rides on a cushion of oil and is controlled by a small valve about 1" long and no larger than your little finger. It requires no special attention

PRINCIPAL PARTS of the Ferguson linkage are shown in the illustration (left). As the tractor moves forward, tension is exerted on the bottom links A and B, to pull the implement. Due to location of these links, the top of the implement tends to rotate forward about the link connections G and H. The implement is kept from rotating, however, and kept in correct working position by the top link C that pushes forward against the tractor, and the implement is *pulled* into the soil. D is the master control spring which automatically regulates the action of the hydraulic mechanism. E and F are the lift rods that raise and lower the implement through hydraulic action.

The flexible connection of tractor and implement can be illustrated by your fist and wrist (in circle). Horizontal motion to right and left is limited, but great vertical motion is provided.



The Ferguson system makes practical as well as possible a means of attaching and controlling an implement as a unit with the tractor, in a nonrigid or flexible manner. Above, dotted lines show height to which implement can be raised for transport.

IMPLEMENT USE MADE EASIER THAN EVER BEFORE!

ACCURATE DEPTH CONTROL

With the Ferguson hydraulic control, the implement is kept working at just the depth you set it. Wheels may drop into holes, ride over ridges or obstructions, but the implement is maintained at uniform depth.

LESS STRAIN ON IMPLEMENTS

The linkage mechanism acts as a safety device if your plow hits a rock, stump or other obstruction. When the obstruction is hit, the impact on the top link causes the master valve to operate. This automatically decreases traction, instantly minimizing strain on tractor and implement.

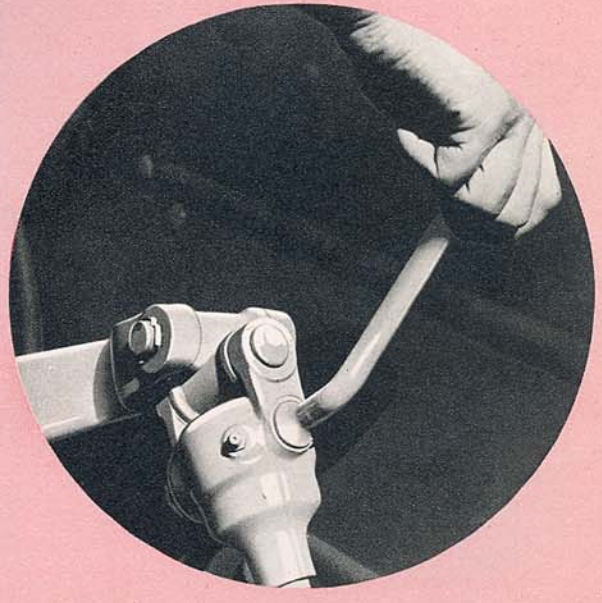
FINGER-TIP IMPLEMENT CONTROL

The Ferguson hydraulic control is used to set the depth at which you want the unit implement to work. It also raises and lowers the implement. The leveling or tilting screw for plow, cultivator and other ground-engaging implements is within convenient reach from the tractor seat. There is no need to reach for levers, tug on the rope or rod control of a lifting device, or get off the tractor to adjust depth or level the implement. You have perfect, instant control of your implement always, right at your finger tips!

Younger members of the family easily operate the new Ford tractor with Ferguson system finger-tip hydraulic control.

FINGER-TIP CONTROL

Raising, lowering and setting the depth of the implement are the simplest operations you can imagine with this hydraulic control lever. A stop on the quadrant is adjustable for various depths.

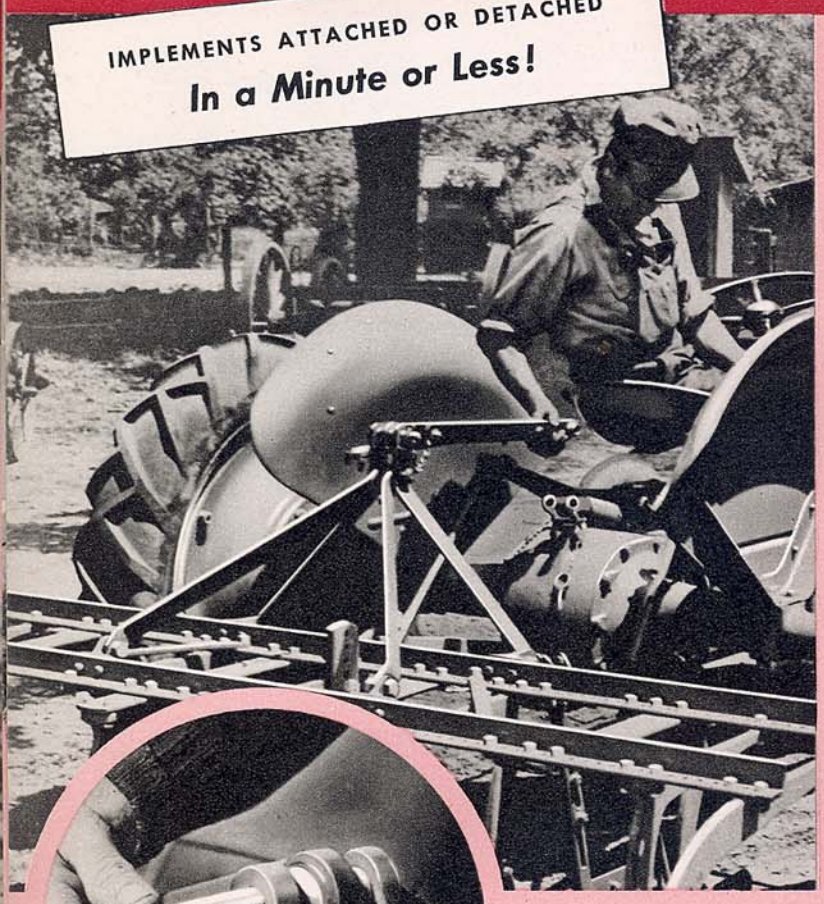


Other controls on Ferguson implements are equally safe and simple. Here is the leveling lever within easy reach at all times. No straining or losing balance when you are on the tractor seat!

FERGUSON SYSTEM WITH FORD TRACTOR

IMPLEMENTS ATTACHED OR DETACHED

In a Minute or Less!

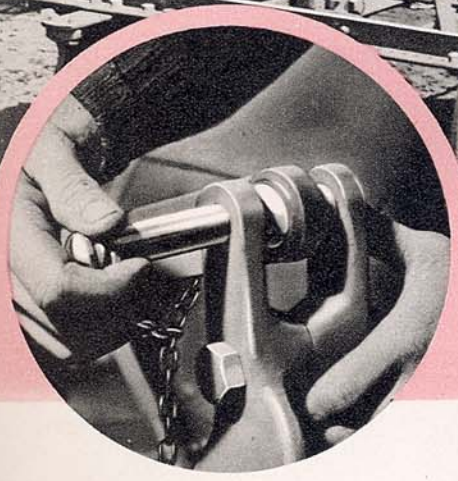


LOW CENTER of gravity, 4 wheels and automotive type steering make the new Ford tractor amazingly easy to operate on hills, side slopes, light or sandy soil. Widely adjustable treads enable you to cultivate a wide variety of row-crops. The Ferguson system with its tendency to keep front end of the tractor down when using unit implements on hills, in hard going, or in fields full of obstructions, further contributes to safety and ease of control. You will be amazed at how easily it handles and how efficiently it performs for all requirements on your farm.

No longer need you balance your need for ample power against the practical desire for low investment and operating cost. No longer need you choose between a design ideal for heavy drawbar work and one made primarily for cultivation.

Here, at last, is *flexibility on 4 wheels* with ease of steering and sureness of control under all conditions that will amaze you.

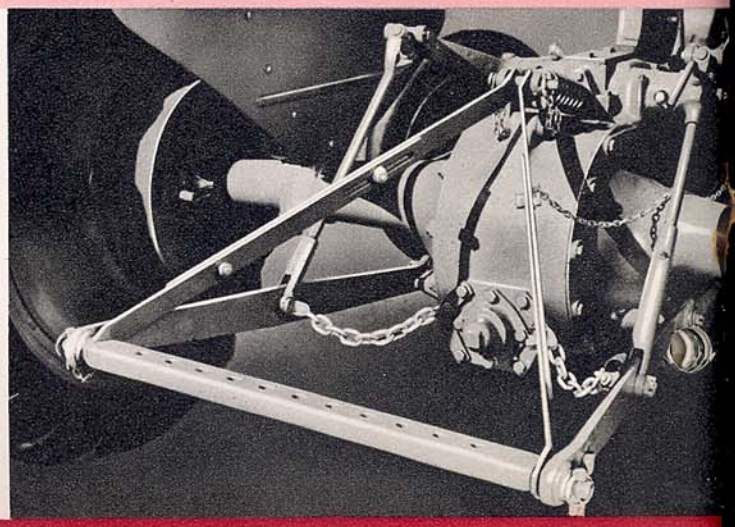
Unique design of the Ferguson linkage results in the cultivator following the path of the front wheels.



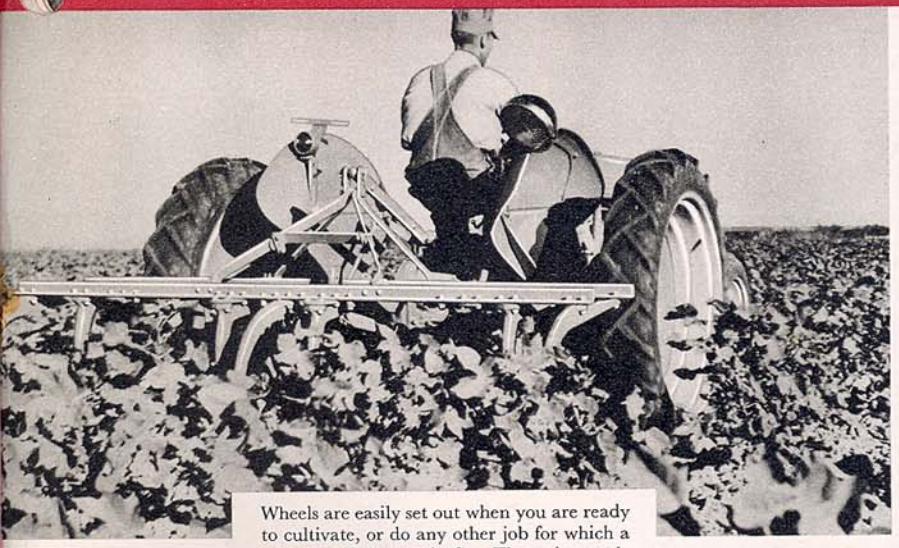
No lifting or tugging—simply back the tractor to the implement, use the hydraulic control lever to line up the linkage and insert three pins! You can attach or detach plow, cultivator or other Ferguson implements in a minute or two.

ADJUSTABLE DRAWBAR FOR SEPARATE IMPLEMENTS

With two adjustable links for adjusting height, and the large number of holes in the drawbar itself, it is a simple matter to attach any pulled implement to the Ford tractor. The unusually wide range of adjustment assures best possible line of draft.

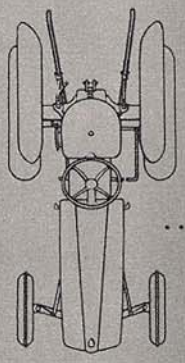


GIVES YOU *Flexibility on 4 Wheels!*

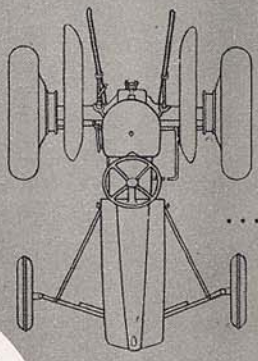


Wheels are easily set out when you are ready to cultivate, or do any other job for which a wide tread is required. There is ample clearance for cultivating tall row crops.

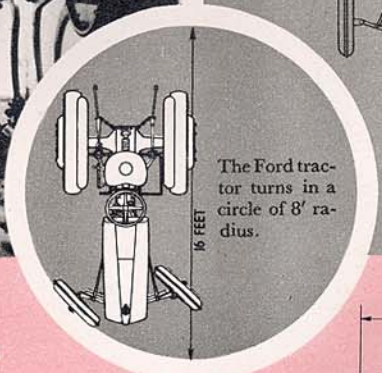
CHOICE OF 8 WHEEL WIDTHS



. . . from 48″



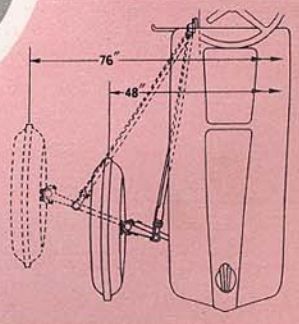
. . . to 76″

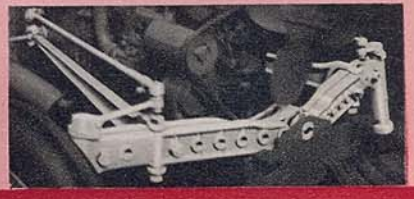


The Ford tractor turns in a circle of 8′ radius.

WHEEL SPACING FROM 48″ TO 76″

SO QUICKLY and easily can you change the tread width on the Ford tractor that no longer is there need for doing narrow tread jobs with a wide tread tractor. In the morning you may be plowing, discing or hauling with wheels set at the narrow width of 48″. Later in the day you may want to cultivate. In just a few minutes you can set out the wheels to full width of 76″, or to intermediate widths in 4″ steps.





Front wheels are easily extended to any of the 8 widths without adjusting the drag links, radius rods, or other parts of the steering mechanism. Changes in tractor wheel width and all implement adjustments are made with one universal-type wrench of tool steel. The high grade steel used in this wrench is typical of the quality built into the new Ford tractor.

CHECK and COMPARE!

THE BEST WAY to get the feel of the way the new Ford tractor with Ferguson system performs is to try it out on your farm, in your own fields. Get on the seat, let out the clutch and hear its quiet, powerful motor go to work without effort. Turn the wheel—you find it steers as easily as an automobile. Step on one of the wheel brakes—the Ford turns around in its tracks. Then try it in hard plowing or other heavy work and see for yourself that excess built-in weight no longer is necessary in a tractor to provide ample traction. It you wish, run an hour's fuel consumption test at full working load. You'll hardly believe your eyes when you measure the small amount of fuel used!

Then, compare the price of the Ford tractor and its standard equipment with the cost of other tractors of equal capacity, similarly equipped. More than ever, then, you'll realize the contribution that the Ford tractor with Ferguson system can make in helping you increase net income on your farm!

ONLY THE FORD TRACTOR HAS THE FERGUSON SYSTEM

IN GENERAL appearance the Ford tractor with Ferguson system does not look unlike other tractors. True, it is unusually compact, streamlined, attractive. But you have to see it work to realize that it introduces to farming an entirely new principle of implement operation.

That principle is the Ferguson system of attaching and controlling an implement as a unit with the tractor, in a nonrigid or flexible manner. *Only* the Ford tractor has it. As a result, *only* the Ford tractor can give you the performance of tractors costing nearly twice as much, using up to twice as much fuel . . . And *only* the Ford tractor with Ferguson system can give you the benefits of improved soil culture, resulting from tillage with unit implements always under accurate depth control with fingertip effort.

Completely Equipped to SAVE YOU MONEY

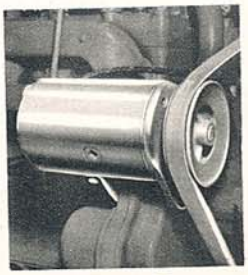
Low delivered price of the new Ford tractor with Ferguson system is all the more remarkable when you find that it includes as standard equipment many items usually listed as extra. In addition to the items illustrated on this page, you pay nothing additional for adjustable drawbar, battery, reserve fuel supply, hydraulic system for implement control, independent rear wheel brakes, adjustable tread, and similar features giving you great flexibility and convenience.

ALL these "EXTRAS" Included in Delivered Price!

Oil Filter

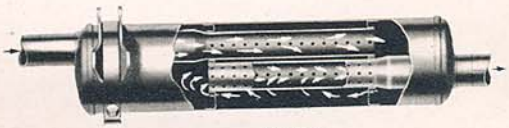
Ignition Key and Lock

Power Take-Off

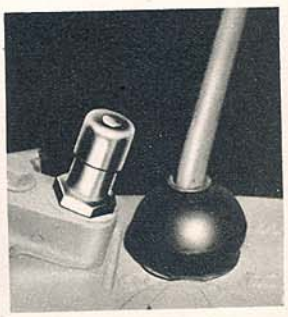


Generator and Battery

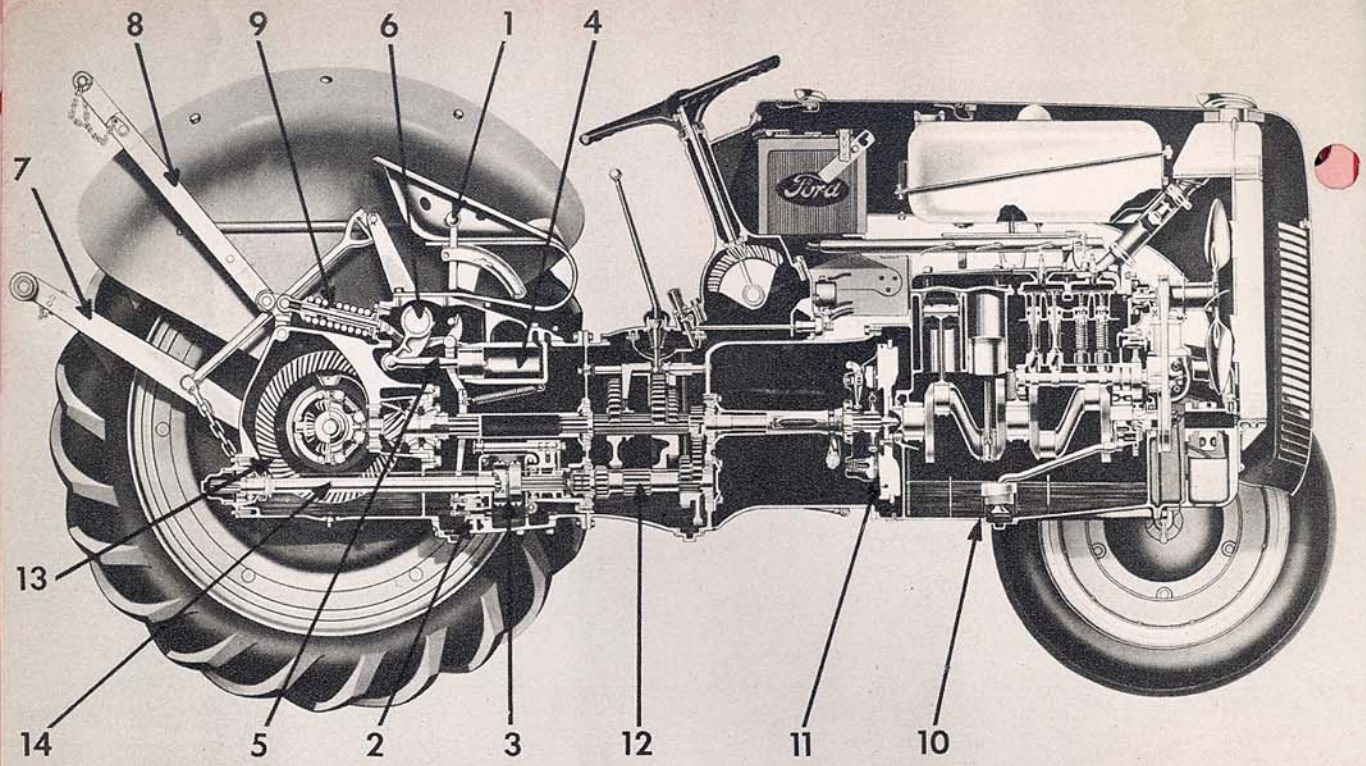
Rubber Tires



Muffler



Safety Electric Starter



1. CONTROL LEVER—operates valve to raise or lower implement.

2. CONTROL VALVE—no larger than your little finger, moves less than an inch. Implement always rides on a cushion of oil.

3. HYDRAULIC PUMP—supplies oil under pressure for ram cylinder.

4. RAM CYLINDER—pumping oil into cylinder forces piston rearward—draining oil out allows piston to move forward.

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

6. HYDRAULIC LIFT SHAFT—raises or lowers implement.

7. TENSION LINKS—attach to and pull implement.

8. COMPRESSION LINK—pushes against tractor. Transmits reaction forces from implement through master control spring to regulate valve and control depth of implement.

9. MASTER CONTROL SPRING—measures reaction forces applied to compression link by soil engaging parts of implement.

10. HEAVY-DUTY ENGINE—precision-built by the Ford Motor Company. 4-cylinder, L-head type.

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

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

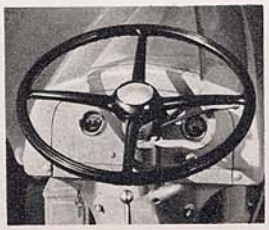
13. SPIRAL BEVEL GEAR DRIVE—a sturdy and high dependable design very much like that of Ford V-8 trucks.

14. POWER TAKE-OFF SHAFT—runs on roller bearings and has an oil seal at rear of housing.

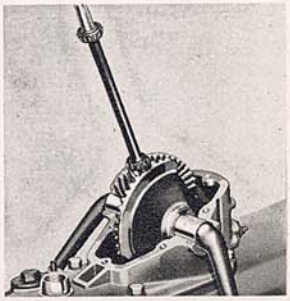
Designed and Equipped for SAFETY, CONVENIENCE, ECONOMY

Full resources of the world's foremost automotive plant were utilized in designing into the new Ford tractor many features to promote efficient performance, increased economy, prolonged tractor life, and add to operating ease, convenience, and safety.

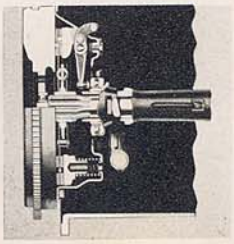
THROTTLE—is conveniently placed and has a notched quadrant to hold its setting. An efficient governor eliminates need for frequent changing of throttle position.



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

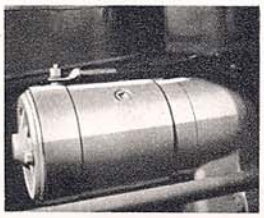


STEERING GEAR—has a spiral beveled pinion and twin sectors. The gear ratio makes the Ford tractor steer as easily as a passenger car. Tapered roller bearings on steering column reduce friction.



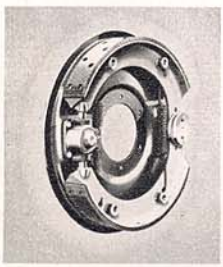
SEMI-CENTRIFUGAL CLUTCH—has high power-transmitting capacity and long life because centrifugal force increases the clamping action on the disc. Big friction area—75.3 sq. in.

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 which enter the engine.

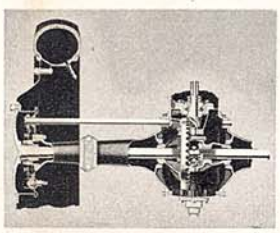


Starter—conventional automobile type, mounted on left side. The pinion engages with the steel starter gear on the flywheel.

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



Brakes—big and powerful, making it easy to stop the tractor or aid in turning, with low pedal pressure. Brake drum diameter is 14″, width 2″. Easily adjusted to compensate for wear on lining.



Independent Brake Pedals—each equipped with a swiveling pawl easily engaged with a ratchet to keep the brake applied when tractor is left standing.

Rear Axle—semi-quarter floating type with spiral bevel gear drive. Ruggedly built to handle peak engine power with minimum friction loss.

QUALITY ENGINE FEATURES FOR TOP PERFORMANCE, LONG ENGINE LIFE, AND REAL ECONOMY

Removable main bearings—special anti-friction 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.

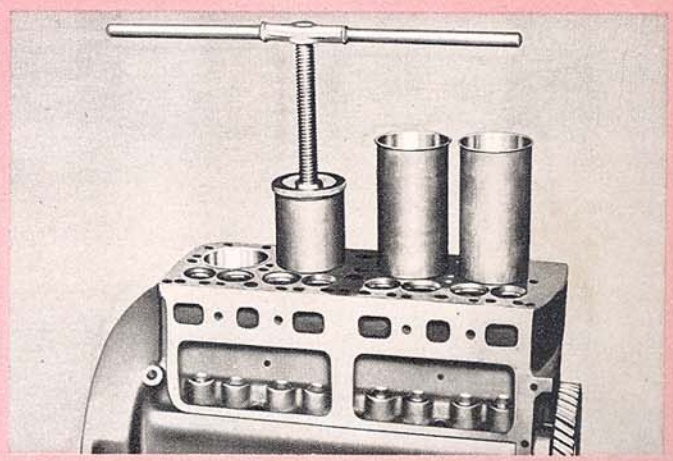
Cast-steel pistons—light in weight, strong and wear-resisting.

Cast-alloy steel crankshaft—exceptionally hard and wear-resisting. Crankshaft is fully counterbalanced.

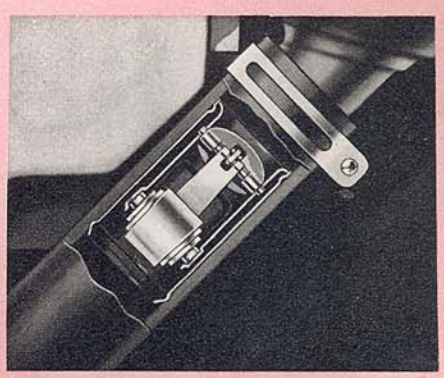
Water jackets—completely surround each cylinder.

Cast-alloy iron camshaft—another Ford-developed alloy, with exceptionally hard cam and bearing surfaces.

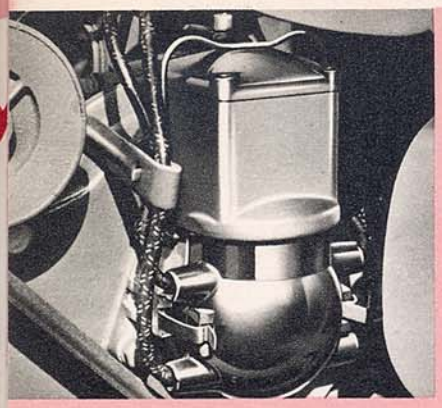
Chrome-nickel valves—withstand corrosion and warping caused by high exhaust gas temperature. Enlarged hardened stem ends minimize wear.



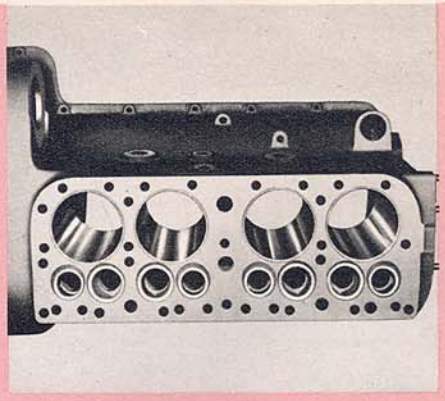
Renewable hardened steel cylinder liners help reduce wear and prolong engine life. Easily replaced at low cost if worn after long service. Costly reboring or honing is eliminated.



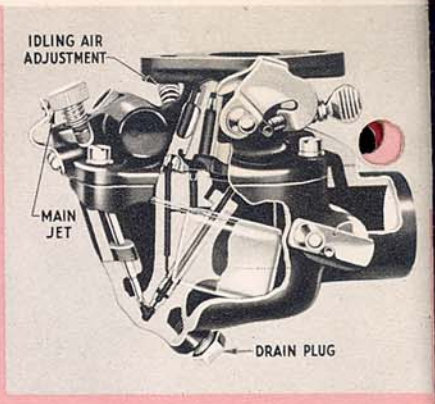
Water temperature is controlled by a thermostat installed in upper radiator hose. Water is kept at uniform temperature to aid efficient engine operation in cold weather.



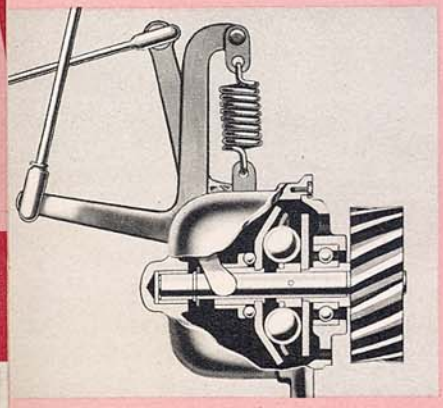
Distributor, direct driven by camshaft, forms a waterproof unit with coil and condenser.



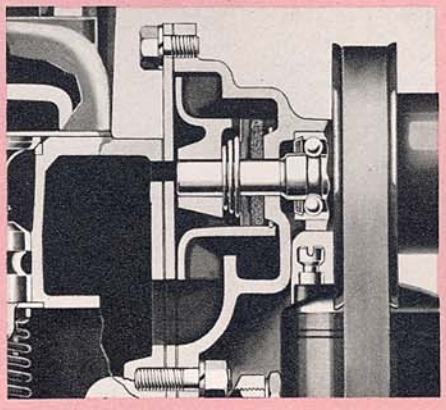
Tungsten steel valve seat inserts retain hardness at high temperatures. Valves rarely need grinding.



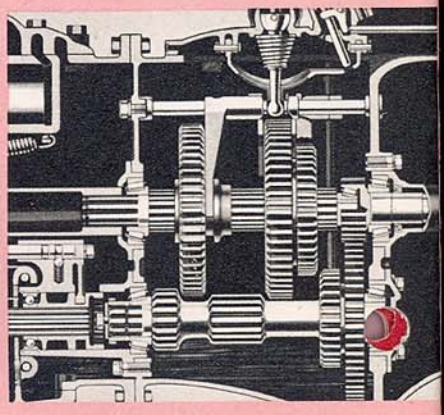
Completely sealed plain tube up-draft carburetor is simple, efficient, easily adjusted to secure maximum fuel economy.



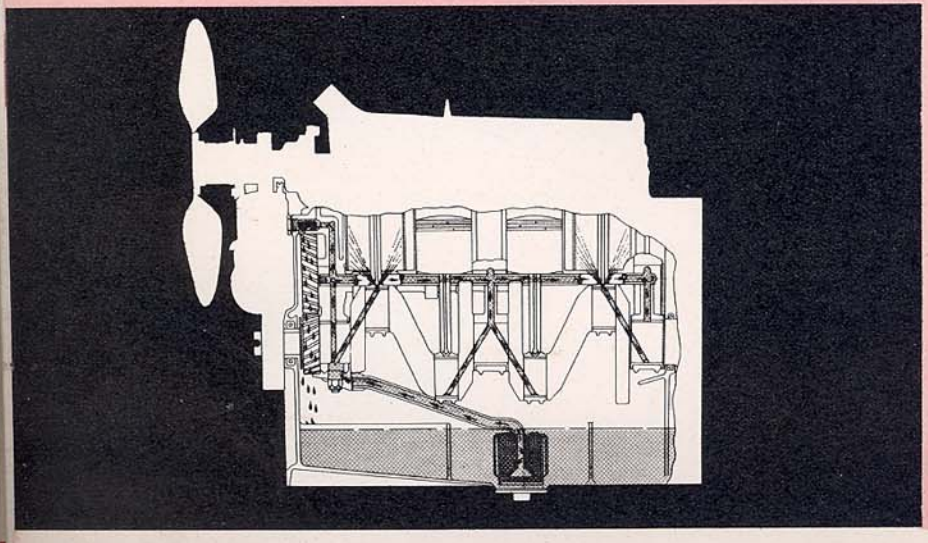
Quick acting centrifugal governor gives remarkably steady engine speed at all loads. Automatically lubricated.



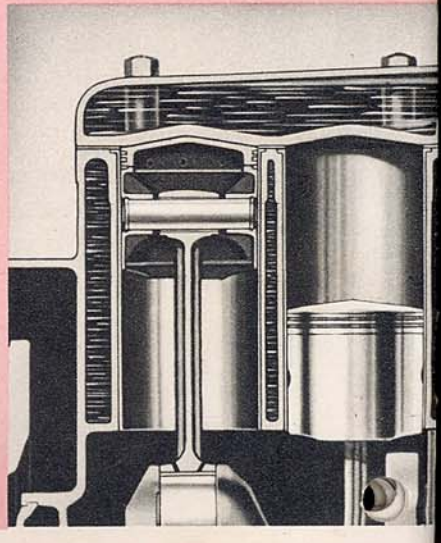
Self-sealing, packless-type centrifugal water pump with prelubricated, double-row ball bearings.



Quiet, long-life transmission with gears of scientifically cast alloyed steel, case hardened. Ball bearings used throughout.



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.



Full-length water jackets insure more even expansion of the cylinders, minimize wear and aid engine efficiency.

SPECIFICATIONS

ENGINE—Four cylinder L-head. Bore 3.187 x 3.75. Piston displacement—119.7 cu. in. Compression ratio—6 to 1.

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

DRAWBAR—2-14" 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 2200 rpm.

LUBRICATION—By gear pump supplying direct pressure oiling to crankshaft, camshaft and connecting rod bearings, also to timing gears. 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. Fan—4-blade 16" driven by belt. Pump is packless type with pre-lubricated bearings. Cooling system capacity—14 U.S. quarts.

FUEL SUPPLY—Welded steel tank carried in engine hood, capacity 9 gallons plus 1 gallon reserve. Fuel filter is standard equipment.

CARBURETOR—Up draft, plain tube type of sturdy, dustproof 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 semi-floating type with integral axle shafts and wheel hubs, also mounted on tapered roller bearings.

TRANSMISSION SPEEDS

	Final Gear Reduction	Speeds At 1400 RPM
Low	73.3 to 1	2.51 mph
Intermediate (plowing)	57 to 1	3.23 mph
High	24.6 to 1	7.48 mph
Reverse	68.4 to 1	2.69 mph

NOTE: At top governed speed, the tractor can be operated at 3.94 mph in low gear, 5.10 mph in intermediate, and 11.75 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 extends from rear of axle housing. Has standard spline end for fitting to drives of power driven equipment. 509 rpm at engine speed of 1400 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, tire pressure—26 lbs. Rear—Steel disc fitted with 8 x 32 traction tread pneumatic tires on drop center rim, tire pressure—12 lbs.

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 and rear—48".
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.
Shipping Weight—approximately 2140 lbs.

EXTRA EQUIPMENT AT ADDITIONAL COST

Belt Pulley. Carried by self contained drive unit quickly attachable to rear of tractor. Pulley diameter—9", width 6.5". Speed—1352 rpm, belt speed—3190 ft. per minute at 2000 rpm engine speed. Pulley gear ratio to power take-off shaft 1.86. Rotates in either direction.

Lighting system. Includes 2 headlamps, tail lamp with license plate bracket, switch and all necessary wiring.

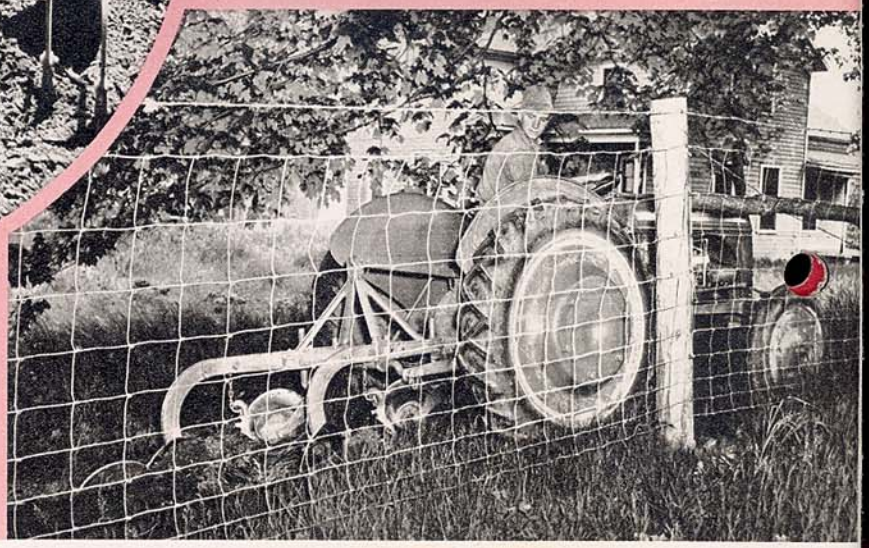
The Ford Motor Company, whose policy is one of continuous improvement, reserves the right to change specifications, design, or prices, without incurring obligation.

Save Money, Do Better Work *Easier* with

YOU HAVE only to ask your Ford tractor dealer for a demonstration, using any Ferguson system unit implement, to discover the revolutionary new ease and accuracy of control which the Ferguson system gives you. Close-coupled but flexibly connected to the tractor, these implements are at all times under finger-tip command by means of the hydraulic control. Because they are in effect *part of the tractor*, you can work under unfavorable conditions of soil, contour of the ground, size and shape of fields with an ease and freedom you would not have dreamed possible.

New ease in cultivating, with head up and eyes front, is made possible by the Ferguson system adjustable row-crop cultivator. Easily adjusted to wide variety of crops, row widths and methods of planting.

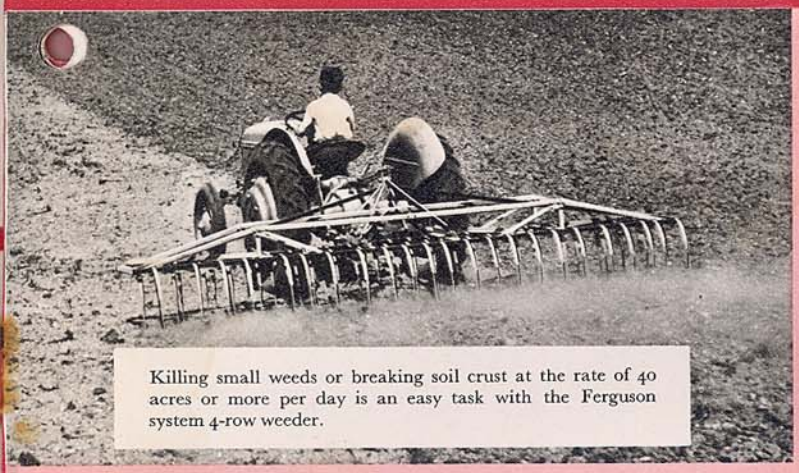
Wheel-less unit design of Ferguson system plows enables you to work close to fences, in fence corners, small garden plots and places inaccessible with other equipment.



Ford tractor pulling 2-row middle buster.

Four-row vegetable and beet planter for the Ford tractor.

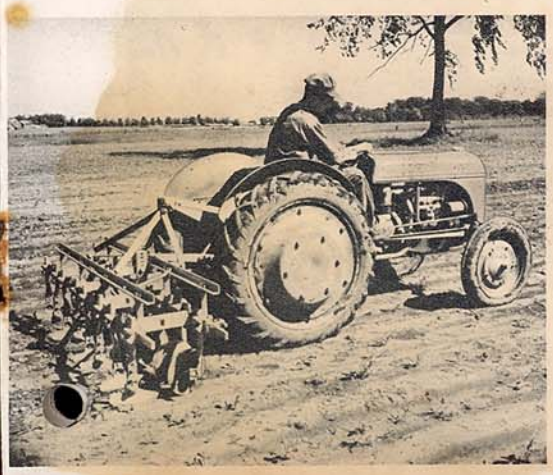
Ferguson System Unit Implements



Killing small weeds or breaking soil crust at the rate of 40 acres or more per day is an easy task with the Ferguson system 4-row weeder.

The drill type two-row Ferguson corn planter does accurate work uphill, downhill, around the hill on the contour, or on level land.

The Ferguson all-purpose cultivator is a tool of many uses. It may be equipped with duck-foot sweeps, chisel points, double or single pointed shovels, alfalfa teeth and other equipment for field or orchard cultivation, subsoiling, seedbed preparation and many other uses. Spring trip action causes tines to spring back to place automatically after passing over an obstruction, without loss of time for resetting.



Four-row vegetable and beet cultivator.

A touch on the finger-tip hydraulic control lever lifts cutterbar on the Detroit Highway and heavy-duty farm mower for the new Ford tractor to any position from vertical to 45° below horizontal. Sickle operates in any of these positions.

SEE YOUR FORD TRACTOR DEALER

The only way to fully appreciate the remarkable performance of the new Ford tractor with Ferguson system is to try it on your own farm, at your own work. Ask your Ford tractor dealer to give you this kind of a demonstration, without delay.

I want to tell you that I am well satisfied with my tractor. It has done everything that it is advertised for and best of all, it uses less than half of the fuel that I had been using in my old tractor. I have been able to plow an acre an hour with ¾ gallon. Another thing, I can plow up more of my land with this new type wheel-less plow than I could with the old wheeled plow. I have 210 acres here and we are going to give this tractor plenty of use.

Fred Robinson

Dalton, Wis.

★

I've tried all small tractors and my Ford with Ferguson system operates faster, handles easier and has more power than anything I have tried. It saves me time in getting out in the morning—also at noon. I plow about four acres more per day than I could with previous equipment. In other words, I am well satisfied!

F. M. McDaniel

Bloomfield, N. M.

★

I'm so well pleased with my Ford tractor I thought you'd be interested in hearing about it. At present we have three other tractors on our farm and I think the Ford is the handiest tractor I have ever owned. It is easy to steer and is very comfortable to ride. I can actually go to bed at night and sleep without hearing a tractor motor all night long and there are no exhaust fumes to blow back in your face. I have been using the Ford tractor on a bean combine and have actually reduced my fuel cost 50 per cent. The thing that amazes me most is its lugging ability at slow speed and I think it has the quickest acting governor I have ever seen on any tractor.

Kenneth Bauer

Mason City, Iowa

★

We have plenty of hills here and now have a tractor that we can work on these hills. This little Ford tractor is certainly doing a nice job for us. We are only using about 6½ gallons of fuel per day, working on some pretty steep hills and very heavy land.

Ernest Wagner

St. Cloud, Wis.

★

We have thoroughly tested out the Ford tractor with Ferguson system recently delivered to our ranch with the resulting satisfaction beyond our ability to express. It is a miracle machine and performs its work vastly better than we had any hope to expect. We are astonished at the small fuel consumption, ease of operation, and perfect performance.

C. J. Wrightsman

Fort Worth, Texas

★

I plow on an average of 8 inches deep on 1 gallon of gas per hour. There is no work to driving this tractor. It has the most simple adjustments of any I have seen, and I want to eventually purchase a complete line of implements.

Charles W. Draper

Franklin Park, Ill.

I have plowed about 70 acres of very hard ground with my new Ford tractor and a two-bottom 14" Ferguson plow and never before have I operated any equipment that gave me the satisfaction this has, both in economy and ease of operation. My young son Raymond who is 13 years old, operates it with ease.

Ray Davis

Muldoon, Idaho

★

We have a sugar bush to run in the spring and our plowing, especially the sod for corn, must be done in the fall. We cannot do it with a team and we have tried other tractor plows but they will not do a good enough job. The Ferguson plow works so easy; no lifting or pulling. You can't seem to burn a gallon of gas an hour in even at the hardest plowing. It turns on a dime and has plenty of power. That starter saves my back. From the above you may gather we like this plow and tractor!

F. H. Meade

Andover, Ohio

★

Our Ford Ferguson tractor is without question the finest piece of equipment we've ever had on the farm. We have plowed an excess of 30 acres of ground mostly of heavy sod, used the tractor to haul our entire winter fuel and hay supply besides maintaining six miles of road and a lot of other miscellaneous work. We still have five gallons of cheap gas left out of our original 55 gallon barrel.

C. E. Aasland

Warroad, Minn.

F. S. 4013

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