

CAST ASIDE ALL PREVIOUS NOTIONS OF HOW TO FARM
WITH POWER—FOR *Here Comes the New!*



Ford Tractor. Ferguson System

An

ALL-PURPOSE, LIGHTWEIGHT FORD TRACTOR



ON FOUR WHEELS *that*

- Is easier to steer on soft ground than an automobile.

- Has two 14-inch plow capacity and operates on less than half the fuel required by other two-plow tractors.

- Is light enough not to pack the land, yet plows 28 inches wide.

- Has built-in Ferguson hydraulic

mechanism not only for raising and lowering the unit implements, but for actually keeping them at a pre-determined depth in the ground.

- Has a unique linkage system, attached to the hydraulic controls, that uses self-contained, wheelless implements easily put on or taken off in a few seconds.

THE FORD TRACTOR WITH FERGUSON

This outfit plows up hills you don't even plow with horses.



High-quality, even-depth work like this is easily done, and at a fuel saving that will amaze you.



On the Ford tractor with Ferguson system you watch the row instead of the cultivator. You just *sit and steer!*



Small fields, tight places mean nothing to this compact unit. You get into places even horses can't work.



Obstructions? Demonstration proves that Ford tractor with Ferguson system "line of draft" is its own safety device.

SYSTEM WILL WORK ON YOUR FARM

The new Ford tractor with Ferguson system is so simple a child can operate it with safety and with ease. There is nothing you can do with your horses that you cannot do with the Ford tractor with Ferguson system of farming—and do it better, cheaper, quicker and with far less effort on your part. Farm work, with this new machinery, becomes a pleasure overnight. Make no mistake about it! The Ford tractor with Ferguson system will work *on your farm* to a degree of perfection you won't believe until you've tried it!



Tilling 5 feet wide and 10 inches deep with new-type tillage tool. Ideal for orchard cultivation and tillage work.



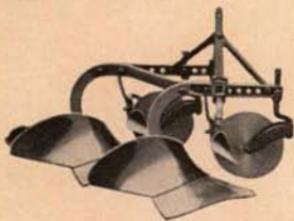
Power take-off and adjustable hitch are especially adaptable for combines and other such equipment.



Lightweight Ford tractor pulls all equipment—pull-type as well as specially designed unit implements.

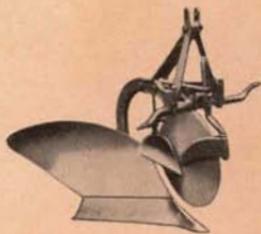


Smooth, even belt power for 22" x 36" separators, etc., without belt flap or overheating.

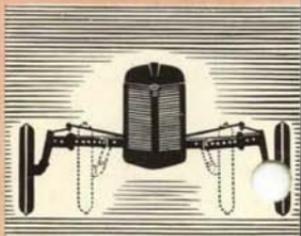


The Ford is a two-plow tractor. Here is the 14-inch, two-bottom wheelless plow complete with coul-ters, jointers, new-type furrow wheel. Implements put on, or taken off, in less than a minute.

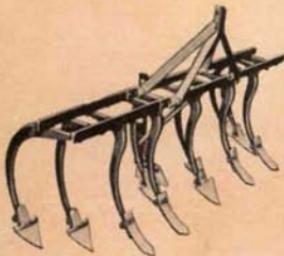
The 16-inch single-bottom plow. This hydraulically controlled implement will maintain an even depth of cut in practically all conditions without adjustment. Other plow bottoms are also available.



Finger-tip control lifts and lowers implement. Adjustable stop sets plowing depth.

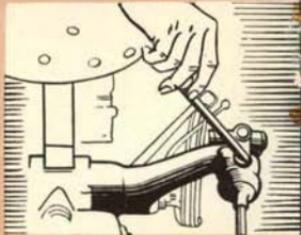
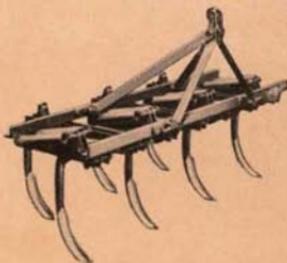


Front axle easily adjustable (48" to 76") for row-crops. Rear wheels also adjustable (48" to 76").



The row-crop cultivator is simplicity itself. Ask your dealer to show you why—in an hour's time or less—you can learn the new art of cultivating without looking back or watching your implements.

New type of tillage tool, especially adaptable for breaking hardpan, for scarifying and seed-bed preparation. Works equally well in fields full of rocks and obstructions without breakage or delays.



Perfect control for leveling; tilting plow for opening headlands; and opening or finishing.

S P E C I F I C A T I O N S

ENGINE—Four cylinder L-head. Bore 3.18 x 3.75. Displacement 120 cu in. Brake Horse Power—23 at 1400 rpm (recommended for plowing).

GOVERNOR—Variable speed governor. Controlled from steering column. Working range—up 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—Removable cartridge type of large capacity.

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

GENERATOR—6 volt shunt wound with vibrator type voltage regulation.

STARTER—6 volt conventional type automobile starter with finger operated switch on dash.

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. Pumps are of the packless type with prelubricated bearings.

FUEL SUPPLY—Welded steel tank carried in engine hood, capacity 9 gallon with 1 gallon reserve. Fuel outlet to carburetor is through glass sediment chamber and strainer.

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

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

MUFFLER—Muffler is fitted as standard equipment to carry exhaust to the rear of the tractor.

CLUTCH—Single dry plate 9" effective diameter. Spring pressure increased by centrifugal force.

TRANSMISSION—Sliding gear—3 speeds forward and one reverse. All shafts run 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 axle shaft and wheel hub integral, also carried on tapered roller bearings.

SPEEDS—At 1400 rpm.

Low	2.51 mph
Intermediate (plowing)	3.23 mph
High	7.48 mph
Reverse	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. 545 rpm at 1500 rpm engine speed.

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