



# Wisconsin Tractor & Equipment Company



AUTHORIZED DISTRIBUTORS  
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Mr. Gregor Morgan  
Route 4  
Fond du Lac, Wisconsin

Dear Sir:

Last Fall your local Ford Tractor and Dearborn Farm Equipment Dealer had the pleasure of demonstrating some of that equipment on your farm. Your Ford-Dearborn dealer is very much interested in being an actual "Partner in Production" of yours. If he can help you to produce more of this country's food and fiber by furnishing you with modern, time saving machinery with which you can do that job and do it with less work and less cost, he is doing his job as a partner.

We thought you would be interested in having a copy of our latest booklet, "Power for Production," which we are happy to enclose. You will find it highly informative and interesting reading. Use it to help you pick out the machines you need to help you do your job.

Your Ford-Dearborn dealer wishes us to tell you that it is his pleasure to serve you faithfully at all times and that he will be calling on you in the near future in the hopes of being able to do so.

Yours very truly,

WISCONSIN TRACTOR & EQUIPMENT CO.

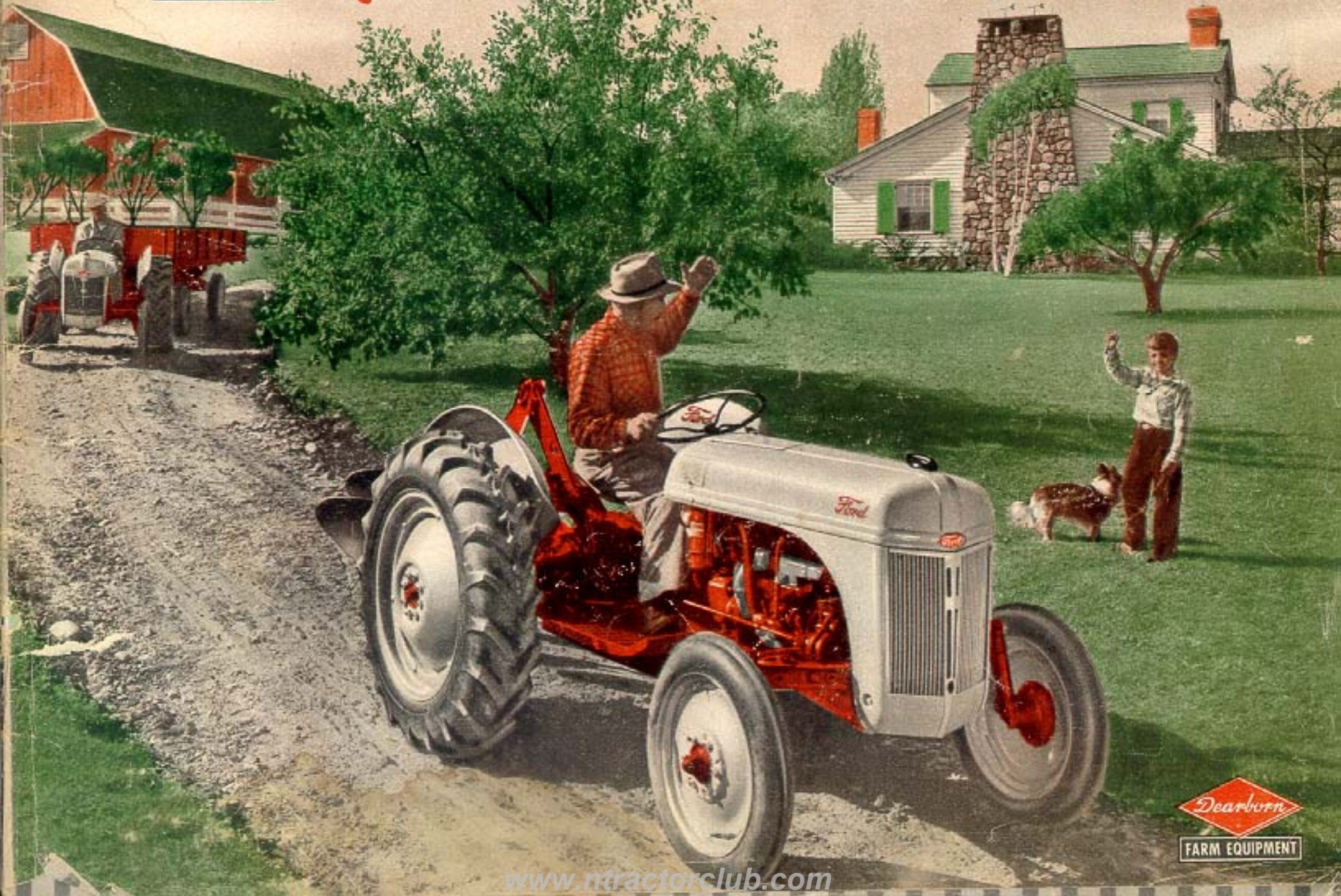
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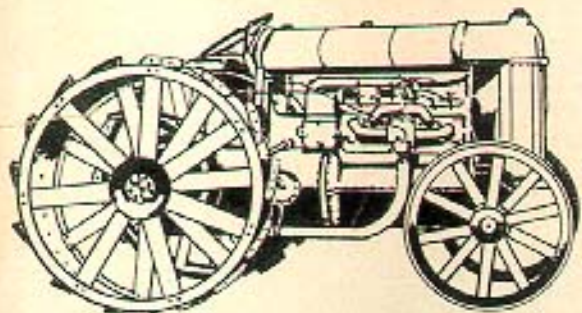
V. J. ANDERSON  
Sales Promotion Manager

VJA/bk  
Enc.



# Power for Production





An early Fordson Tractor

**HOW MANY OF US  
REALIZE HOW MUCH FORD  
HAS CONTRIBUTED TO  
AMERICAN AGRICULTURE?**

**. . . ALWAYS A DEEP**

From the beginning, the Ford Motor Company has had a clear-cut understanding of the needs and wants of farmers.

In the early days of Ford's history those needs and wants were many and great. Few people are in position to know all that has been done by the Ford organization to help in meeting them.

#### **The Model T and Its Contribution**

Millions of farmers bought Ford cars and trucks. The price was low and they could "get through" the country roads of that era.

Mud to the running boards could be tolerated only so long. The automobile and truck created a need for better roads. The very fact that so many farmers owned Fords, sparked the drive to replace ruts and holes with hard, smooth surfaces.

The Model T was more than a good investment in transportation. New and better farm markets were just ahead of the radiator cap. The

farm youth behind the wheel had a practical way to get a better education. The entire family drove to all kinds of new places and saw, and learned, and profited. Farm life was changed; opportunities were greater.

#### **A Pioneer in the Field of Chemurgy**

Not so many years ago products of the farm were used almost exclusively for food and clothing. Ford spent millions of dollars in the development of crops suitable for industrial uses and techniques to convert those crops into industrial products. The Ford Motor Company's soybean oil extractor was perhaps the most notable achievement in this field. It made possible the tremendous market the soybean now enjoys.

#### **The Largest Contribution of ALL— Power for the Farm!**

The importance of the above Ford contributions to the betterment of agriculture and the entire

2  
COPYRIGHT 1961, DEARBORN MOTORS CORPORATION

**H**UNDREDS OF TRACTORS PRODUCED EVERY DAY  
ON THIS FORD TRACTOR ASSEMBLY LINE.  
THAT IS WHY THE PRICE IS LOW.



[www.ntractorclub.com](http://www.ntractorclub.com)

# AND ABIDING INTEREST IN AGRICULTURE

nation, is far beyond the scope of these pages. Volumes have been written on each of them.

But unquestionably the tractor, prime source of farm Power, represents a still larger Ford service to agriculture.

## First Tractor Made in 1907

Did you know that Ford's tractor experiments began nearly a half century ago? In 1907 a farm tractor with a copper-jacket engine was made. Ford, however, resisted the temptation of the times to market "just another tractor." Years of constant development followed and in 1917 the Fordson Tractor was put on the market. It was the first mass-produced, really low-priced, tractor.

Over one-half million Fordson Tractors were sold to American farmers—this is the strongest possible testimony to the need this tractor fulfilled on the American farm. Many are still in service today.

## Today's Ford Tractor

Few machines in any field are the end products of such extensive engineering experience, manufacturing knowledge and production techniques as is today's Ford Tractor.

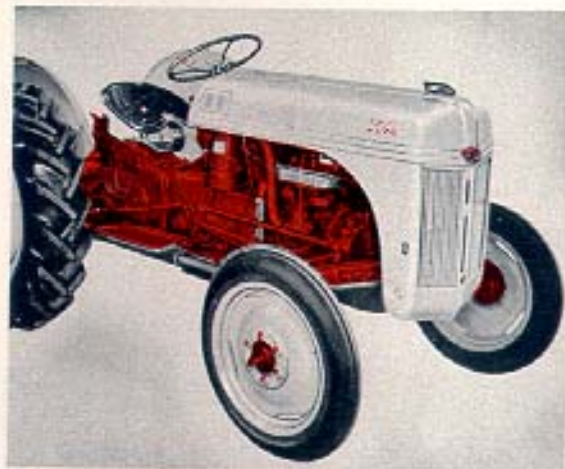
It is manufactured in volume on an outstanding production line. Here lies the "secret" of its high quality and low price.

Like all Ford products the Ford Tractor has a high resale value. It meets more farmers' needs and thereby has a broader market. The prospective purchaser may be sure he can always get parts. No worry, ever, on that score!

## Does More Jobs, Better

But the Ford Tractor's main source of popularity lies in its performance. It is an outstanding performer for some rather unusual reasons. In a large measure that's what the remainder of this book is about.

DEARBORN MOTORS CORPORATION, BIRMINGHAM, MICHIGAN



# THE **POWER** YOU PURCHASE → ONE OF THE

## CONSIDER THE ABILITY OF ANY TRACTOR TO HELP YOU IN THESE 3 WAYS



1

### IN TERMS OF PRODUCTION AND PROFIT

This is the first and most important yardstick to put beside any tractor. Factors to consider are: Original price, number of jobs the tractor can do, the speed at which it can do them including time for attaching implements, expected life, and resale value. To see how the Ford Tractor stacks up on these counts, see the next page.



2

### IN TERMS OF A BETTER FARM PLANT

Farm maintenance and farm improvement are far more important today than when the original settlers broke sod on your place. As time goes on maintenance and improvement projects become more and more important to a farm's profit-making ability. Also, many of these projects can mean plenty in giving you a better farm life. To see what the Ford Tractor can do on your farm maintenance and improvement jobs, see pages 6 and 7.



3

### AND YOUR OWN HEALTH AND ENERGY

For centuries "farming" has been another way of saying "hard work"—too much hard work. This has shackled the progress of agriculture more than most people realize. To be sure, any tractor eliminates much of the drudgery of farming. Some tractors, though, eliminate far more than others. Look for the "man-saving" features in a tractor when buying. Consider carefully how much this means to you in terms of profits—to you and your family in terms of a better farm life. To see what this could mean to you see pages 8 and 9.

# MOST IMPORTANT DECISIONS YOU CAN MAKE

1

## LOOK AT THE FORD TRACTOR FROM A PRODUCTION AND PROFIT STANDPOINT

The minute you buy a Ford Tractor you have an excellent start on a good return.

Why? Because the price you pay is really low. This saving is yours *the day you buy your Ford Tractor!*

### High Quality, Long Service

You'll get many years of good service. This low price is most certainly not the result of a sacrifice in quality. Even a casual look at the Ford Tractor will tell you that. Extremely high quality (another way of saying long life) is possible at the Ford Tractor's extremely low price because mass production cuts manufacturing costs to the bone. Furthermore, the design of the tractor itself eliminates unnecessary weight and materials, as you will see on page 12.

### High Resale Value

After years of service your Ford Tractor will command a high resale price. Simply that it is a Ford Tractor is an important factor—the next purchaser will be able to get parts and service. The market for your used Ford Tractor is broad—it's the popular size tractor, a full 2-plow model.

### Does More Jobs

Since the Ford Tractor is a year 'round tractor, a tractor that does more jobs faster and easier, you can get more work and a greater profit return out of it. This is perhaps the best reason of all for buying a Ford Tractor for your farm. Incidentally, here, too, is another reason for its high resale value.



# POWER FOR A BETTER FARM PLANT—

Effective terraces are easy, fast, inexpensive.



Keep feed lots clean, driveways and lanes smooth.



Build your own trench silo or a pond.



The Ford Tractor is a sound investment as a source of power for crop production. How it performs in plowing, discing, harrowing, planting, cultivating and harvesting is discussed thoroughly in the back section of this book.

But the Ford Tractor is a sound investment for another reason—it is unexcelled for *farm improvement and maintenance* work.

Farm improvement and farm maintenance projects almost always involve the *handling of material*. That's true of all farm jobs but whereas soilbreaking, seed bed preparation, planting, cultivating and harvesting are for the most part mechanized—maintenance and improvement jobs are not. Here all too many farmers still employ pails and pulleys, bags and baskets, forks and shovels and muscles. Accent on "muscles."

On the other hand, thousands of Ford Tractor farmers have found the answer—with Dearborn Material Handling Equipment.

## A Typical Example

Let's see what just one of these implements can do. The Dearborn Scoop (pictured in the lower left-hand corner) will dig, lift, carry and dump about 6 cubic feet of earth each trip.

Need gravel around your buildings?



2

THE KIND OF FARM  
YOU'VE ALWAYS WANTED  
CAN BE A REALITY  
WITH A  
FORD TRACTOR

# SEE HOW THE FORD TRACTOR CAN BE USED!

Accurate cost and time figures were kept on building a dam for a standard farm pond with this implement. 1500 cubic yards of dirt were involved. Total cost amounted to only \$150.00 and this included tractor and equipment depreciation, interest on the investment, gas, oil and \$6.00 per day for the operator! Fifteen days were required, so if you subtract labor cost then the dam involved a total expense of only \$60.00!

Properly stocked with fish and used for watering livestock, this pond will return to the owner far more than its original cost *each and every year* in terms of profit—let alone the enjoyment and satisfaction he will get out of it.

## Dozens of Jobs From Every Implement

That's just one example of the kind of performance you can expect from your Ford Tractor toward making your farm the farm you've always wanted. This same implement can be used for digging a trench silo, filling gullies, repairing terraces, making ditches, excavating basements, carrying fertilizer, seed and dozens of other objects.

Other Dearborn Implements shown on this page will astonish you with their farm improvement, farm maintenance and production abilities. So can those shown on pages 38 and 39, and still others your Ford Tractor dealer will demonstrate to you.



Get rid of snow drifts before morning chores.



Nothing nicer than a few cords of stacked wood.



Load it yourself this way.



Dig up to 600 post holes a day . . . sitting down.





# POWER TO GIVE YOU

8

3

Would You  
Like these  
Pictures in  
Your Album?



All too many farmers, working as hard as they can, are just barely able to keep up with their crops and chores. There's little time left over for necessary recreation and educational activities. And there's so little extra energy left that these activities cannot be enjoyed to their fullest even on the few times the family can "get away."

This is ironical, for the farm family has, just over the back fence, all kinds of opportunities for recreation which their city relatives cannot reach without spending a considerable amount of time, energy and money.

#### Tractor Design Can Make Big Difference

Vibration and noise are thieves of energy. A smooth, quiet-running, easily handled tractor can make a tremendous difference at the end of the day. That kind of tractor makes you feel like doing something more than catching up on rest. So does the tractor that lets you control implements with your fingers instead of heaving and hauling on heavy levers. No wonder men past their prime are so "sold" on the Ford Tractor—they have found the answer to getting more done easily than they ever were able to do . . . the hard way!

If, through tractor design, you save 10 minutes per day in attaching implements (and another 10 in taking them off) you have gained 10 working days over the course of a year! That's time you can use for other jobs . . . or a little time for yourself! The next page tells why.

# A BETTER WAY OF LIFE!

Owners will tell you that the Ford Tractor is the quietest, smoothest-running tractor they ever had. They will tell you that at the end of the day they have plenty of energy left; that being "dog tired" is just an unpleasant memory. What's more, they

enjoy the satisfaction of getting more work done and that's important. And don't forget—when they feel like this the extra work they do increases profits, too. Below are a few of the many ways the Ford Tractor saves your time and energy.

## SIXTY SECONDS AND YOU'RE READY TO GO!

Dearborn Cultivators can be attached in 60 seconds or less. Most other Dearborn Implements can be attached in the same time. Think what the minutes saved add up to in a year.



## SPEED TO THE JOB WITH IMPLEMENTS "UP"!

"When implements are in the air they just can't wear"—and therefore you don't have to hold down on speed to save them from shaking to pieces. Think how much this can save!



## DO LOTS OF WORK—YOU TAKE IT EASY!

In the field the Ford Tractor is a fast mover, too. Turn-arounds on headlands can be made really quick. Most implements are lifted and lowered by Ford Tractor Hydraulic Touch Control.



## HYDRAULICS SAVE YOUR BACK AND ARMS IN MANY WAYS

Ford Tractor Hydraulic Touch Control lifts, lowers this Dearborn Rear End Crane. A wonderful tool for scalding a hog, lifting machinery, bales, boxes, fencing.



## PUTTING AWAY THE IMPLEMENTS—NO HARD WORK HERE

"Lift her up and back her in" is a far cry from yanking and heaving by main strength. No wonder youngsters like the Ford as well as their fathers—and grandfathers.



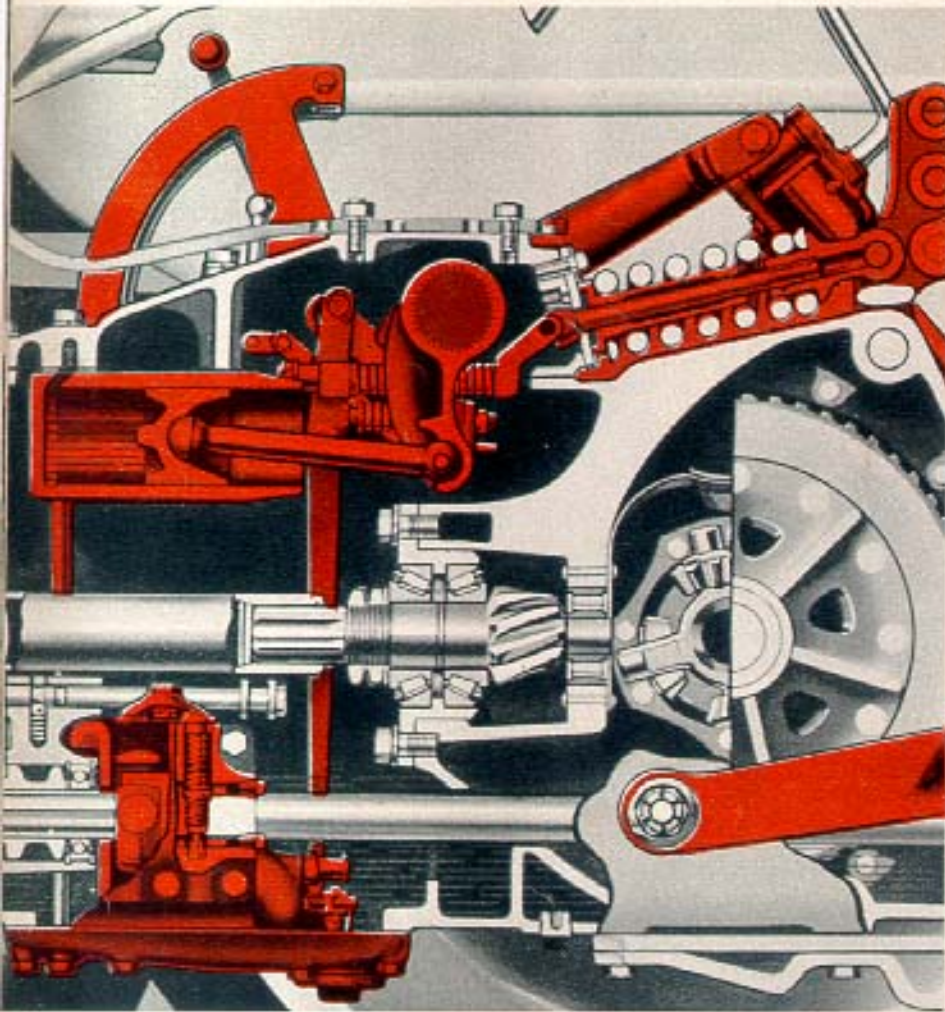
## NO SEARCHING FOR PARTS IN STORAGE

Ever spend several hours hunting for "parts" of a cultivator? With Dearborn Cultivators and the Ford Tractor you won't. These cultivators store away in one piece!



# THE FORD TRACTOR

## HERE'S WHY HYDRAULICS PART OF FORD



The red color shows the Ford Tractor's hydraulic pump, cylinder, piston, main spring and touch control lever—all parts of the hydraulic mechanism. Vital parts are *inside*, away from dust and dirt.

The hydraulic mechanism of the Ford Tractor is not an accessory, or an extra, or an afterthought! It is an integral part of the design of every Ford Tractor.

The Ford Tractor's hydraulic pump, piston and *steel* oil pressure lines are *inside* the tractor, away from dust and dirt. This guards against oil leaks from the hydraulic mechanism smearing your tool shed floor, implements and clothes.

Dearborn Implements are attached to the tractor at three linkage points; two lower links and an upper link. So when you attach most Dearborn Implements to the tractor you attach them directly onto the Ford Tractor's Hydraulic activated mechanism! Most of them can be attached in 60 seconds or less—no wrenches, no pulling, no heaving and hauling!



# MAKES MORE OF ITS **POWER**

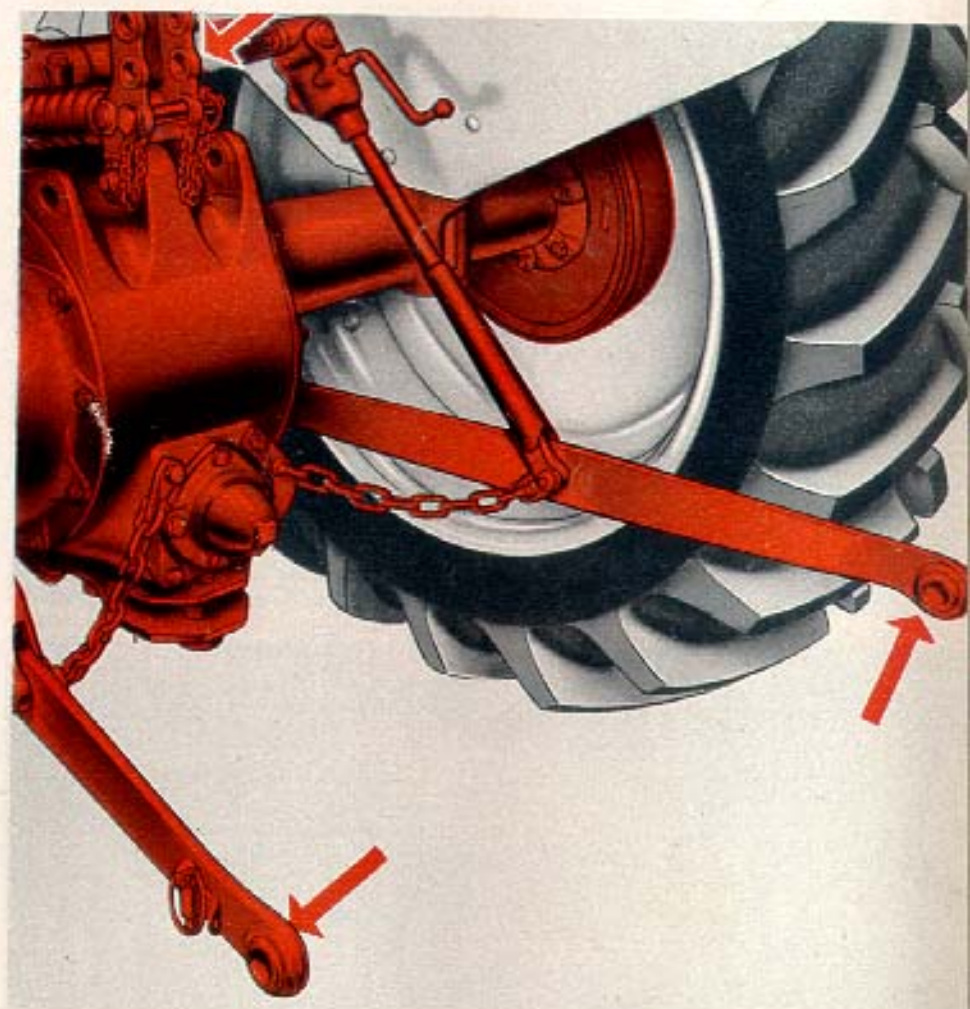
## ARE A FUNDAMENTAL TRACTOR DESIGN

What's more, Dearborn Implements can be attached right up close to the tractor. This close coupling gives you a remarkably short outfit—a trend in farm equipment design that has been evident since the days of traction engines and gang plows. This is an important factor in the exceptional handling ease the Ford Tractor provides you.

The Ford Tractor Hydraulic Touch Control lever raises or lowers all lift type implements the same way. No need to manipulate levers on the implement—with the Ford Tractor you have complete control of working depth at your fingertips!

The next two pages explain why this arrangement of hydraulics and attachment permits the Ford Tractor to make so much more of its power.

Implements  
lift and lower  
at a touch



Most Dearborn Implements can be attached to the Ford Tractor in 60 seconds or less. The two lower lift arms are hydraulically controlled. Time saved in attaching or detaching can amount to several days a year.

# THE RIGHT **POWER** FOR BOTH LIGHT AND HEAVY JOBS



## ONE INVESTMENT GIVES YOU POWER THAT'S ECONOMICAL AND "NIMBLE" FOR LIGHT HIGH SPEED JOBS AND POWERFUL FOR HEAVY TOUGH JOBS

Experienced farmers are really surprised at the way the Ford Tractor makes easy work of a tough job. Once you understand the full significance of its design, however, there's really nothing surprising about it.

### Adds "Weight"—Automatically

As every farmer knows, the ability of a tractor to pull is dependent upon the weight and power at its rear wheels. Now, note that most Dearborn Implements are *carried* on the Ford Tractor. In effect, the tractor's rear wheels become wheels for the implement. Many Dearborn Implements, including the plow, are designed with "suck." This suck, or down pull, in effect adds more weight on the drive wheels for greater traction! Naturally you get less down pull in light soils, but more in heavy soils . . . right when needed—automatically!

Therefore, with just one investment in a tractor you have, in a sense, two tractors—a "high speed" tractor for light jobs and a "heavy" tractor for tough jobs.

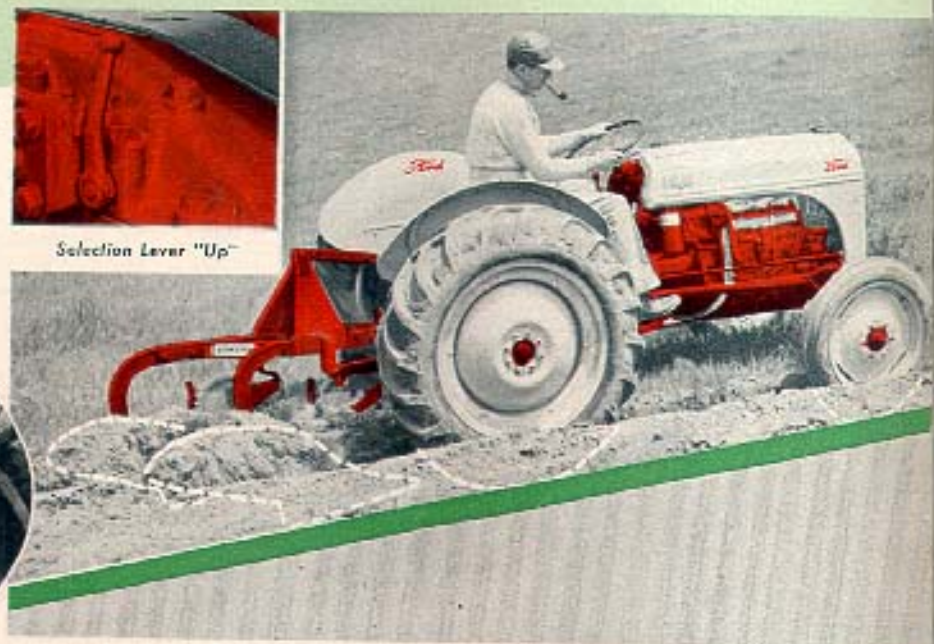
### Need for "Dead" Metal Eliminated

For the above reasons the Ford Tractor does not need to be built with hundreds of pounds of cast iron for weight to get traction on the heavy jobs. Its design eliminates the need for this "dead" metal. Thus, with so much less weight to haul back and forth over the field it's easy to see why the Ford Tractor costs far less to operate. Think what this means on fast moving jobs like cultivating. And, since implements are coupled close, the outfit is far easier and faster to handle on light jobs, too.

# SELECT THE METHOD YOU WANT THIS **POWER** DELIVERED



Selection Lever "Down"



Selection Lever "Up"

## **1** CONSTANT DRAFT CONTROL

and

## **2** IMPLEMENT POSITION CONTROL

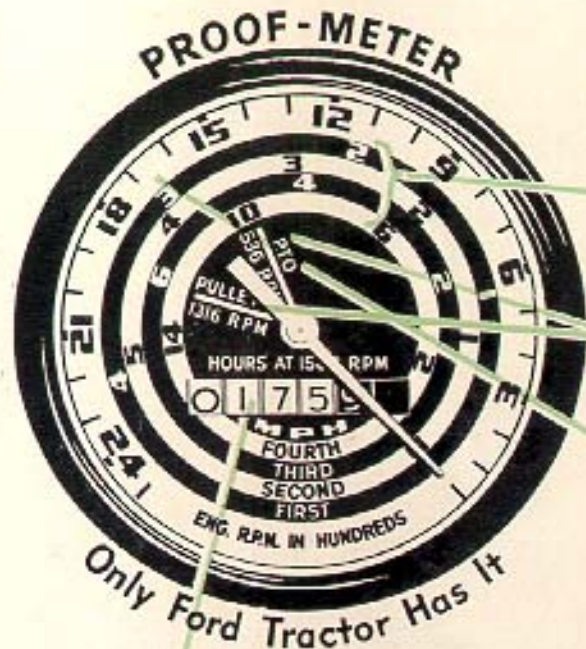
When discing, subsoiling, plowing or doing similar jobs—you know the depth you want to work. Start off, and lower the Ford Tractor's Hydraulic Touch Control lever to get that depth. Once set, the hydraulic mechanism will automatically keep the implement at a depth to give a constant draft.

\* In other words, implements will work at the same depth in uniform soil even if your field is ridged or uneven! But if you encounter variations in soil, the implement can be maintained at the desired depth by moving the Hydraulic Touch Control lever up or down.

But say your field is smooth, yet soil conditions "vary all over the lot." Then flip the Selection Lever as shown in this picture to the "up" position. Now you are in Implement Position Control. No matter how much the soil varies this control is designed to maintain a constant working depth in a smooth field, automatically, without moving the Ford Tractor's Hydraulic Touch Control lever.

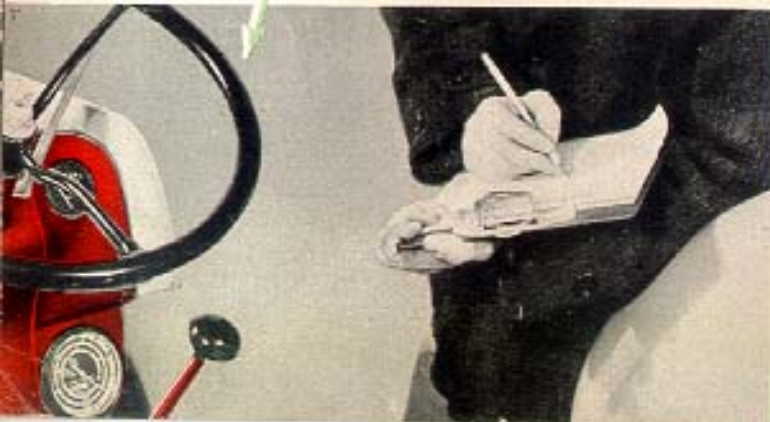
How many tractors have a hydraulic mechanism that gives you this choice at the flick of a lever? How many are designed to fit all of your soil and field surface conditions so well? Answer: Just one . . . Ford!

# YOU CAN DO A FAR BETTER JOB OF



## 5 Instruments in 1

The Proof-Meter tells you the things you need to know to operate your tractor most efficiently and economically—and to get the best results on any job. At a glance you can tell *engine speed*; *tractor travel speed* in any gear; *standard PTO shaft speed*; *standard belt pulley speed*; and *hours worked*.



Virtually every American tractor farmer is a skilled tractor operator. No matter what make of tractor he owns there is an excellent operator's manual for it and for the implements it powers. The instructions in these manuals are based on many engineering studies as well as practical farm tests.

But there has been a link missing between this skilled operator and his excellent instruction books. The Proof-Meter fills this gap. Here is what we mean:

His instruction book may say, "run the PTO shaft at about 536 r.p.m. when picking corn." Sure, he can check with a speed counter and mark a throttle setting *before* he hooks up. But what happens when he gets in the field? There's bound to be some pull down. How much? He can only guess. But with the Proof-Meter he *knows*.

Or a planter instruction book might read, "this implement is designed to do its most accurate work at 4 miles per hour." How close can anybody guess at 4 miles per hour? With a Proof-Meter there's no need to guess.

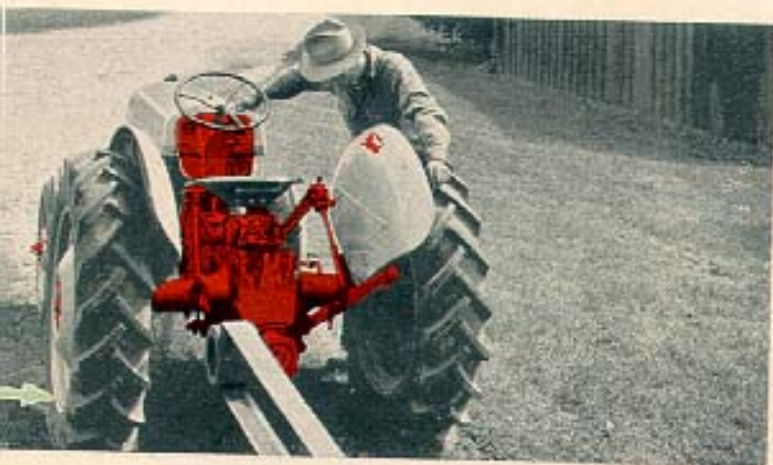
Again, his instruction book may say, "be sure to change spark plugs every 200 hours of operation, oil filter every 100 hours," and so on. But do you know when these periods are completed? With the Proof-Meter you can know, easily.

Here on this page are five examples of how the Proof-Meter can make Ford Tractor Power bring greater Production. Ask your Ford Tractor dealer for more complete information on how to use the Proof-Meter.

## Proof of Hours Worked

Now you can know when to change oil, replace the oil filter cartridge, repack the front wheel bearings, and do dozens of other service and maintenance jobs. The Proof-Meter registers the number of hours worked based upon an average engine speed of 1580 revolutions per minute. Wonderful for figuring costs. Handy for custom work.

# CONTROLLING **POWER** THAN EVER BEFORE



## ↑ Proof of Proper Belt Pulley Speed

There are a large number of belt-driven machines where control of speed of the drive pulley is important from both an efficiency and safety standpoint. This includes corn shellers, hammer mills, saws—to mention only a few. With the Proof-Meter you don't need a speed counter; the Proof-Meter tells you where to set the throttle!

## Proof of Efficient Engine Operating Speed

↓ The Ford Tractor engine has a speed range within which it operates with the greatest efficiency. Peak pulling performance and engine efficiency are reached at an engine speed of around 1750 r.p.m. Just a glance at the Proof-Meter lets you know when you're at this speed—not too fast—not too slow. Result: You save fuel, do a better job, save money.



## Proof of Right Tractor Speed

↑ It's important to hold the right tractor speed. Let's take just one example: Spraying for control of weeds is a precise job. Too little spray will not kill the weeds—too much may injure the crop and wastes expensive materials. Set your spray nozzle openings and, with the Proof-Meter, hold correct tractor travel speed to apply exactly the right quantity.

## Proof of Correct PTO Speed

↓ The recommended PTO speed can be obtained by checking the speed of the PTO shaft with a speed indicator. But, it's practical to do this only while the tractor is *standing* and the engine is *running* under no load. Trouble is, the speed naturally drops under load. But with the Proof-Meter you can see the PTO speed, both while moving and while under load.





# POWER TO SUIT THE GENERAL



## Let's Talk About Tractor "Sizes"

On most general farms there are at least two persons available to drive tractors; the owner and a hired man, or the owner and some member of the family. Say that plowing, to be done in time for planting, requires four bottoms. If you buy a 4-plow tractor you can get your plowing done all right. But you have a tremendous investment and far more power than you need on most jobs the rest of the year. This is expensive in terms of investment and operating costs. And it leaves one man the year around with no power outside his own muscles for doing any field work!

Another approach advocated by many is owning both a 3-plow tractor and a 1-plow tractor. Let's examine this one a little. You have four bottoms for plowing all right. Probably the total investment in tractors is a little less than the one 4-plow job. Certainly the rate of obsolescence will be less. Also both tractor operators have tractor power available (although one may feel pretty underpowered!). But—

## What About Implements?

Outside of your wagon you will have to buy a *separate implement, for each tractor, for each job* you want them to do! Even on pull-type implements like corn pickers or combines there can be no compromise. You must buy them to fit one tractor; otherwise you overwork your small tractor and get poor performance. The alternative is to pay for far more power than you can use when you operate your large tractor.

## With 2 Ford Tractors Only 2 Implements Need Duplication

Now let's consider two 2-plow Ford Tractors. You have four bottoms for your spring plowing and they will probably move faster than a 4-plow job.

# "2-TRACTOR" FARM... BETTER

You also have two fast, excellent cultivating tractors. Outside of plows and cultivators you very likely will not need to "duplicate" any other implements. And no matter how many more implements you purchase for your farm you can hook to any implement on the place with either tractor. No compromises in this arrangement. Here is full utilization of power with a low investment in tractors and a rock bottom investment in implements. Since any implement is used a relatively few hours per year, your implement cost per hour of use is something to think about. No sense of having two implements stand around when you need but one!

## Full Utilization of Manpower

Both tractor operators in this case have power, matched power at that, available at all times. One can cultivate while the other mows, or one can plow while the other discs and so on.

Both tractors handle exactly the same so that either one or both can be used most advantageously by either man.

Furthermore, if your help happens to be an elderly person or a not fully matured youngster, the Ford Tractor, being so easy to operate, results in a full day's production and the operator feels none the worse for it!

## Standardization of Parts and Service, Too

Not only do you avoid a double inventory of implements but you also avoid a double inventory of service parts such as spark plugs, oil filters, fan belts and so on. Moreover, all service and maintenance jobs are the same for both tractors, which makes it easier for you to give them expert attention.



# ADVANTAGES OF FORD TRACTOR **POWER** ON THE INTENSIVE 1-TRACTOR FARM



The intensive farm operator seldom has many big jobs—but he has an almost endless number of small jobs. Since his manpower is usually limited, he must have sufficient tractor power to make his man-hours count. His tractor must be “nimble” so that he can get around in tight spots, up close to fences, work the corners of odd-shaped fields. His object is to make *all* his soil contribute to his prosperity.

#### **Adequate Power For All Jobs**

The Ford Tractor does not have the handicaps of a “garden” tractor—it’s a full 2-plow tractor and has ample power for the intensive farmer.

If it becomes desirable to rent, lease or work a few extra acres on shares, you have in the Ford Tractor sufficient power to make these ventures profitable. Also, with the Ford Tractor, custom work is open to you as a profitable sideline. With implements carried “up” you can speed to your customer’s place and back home in jig time. They’ll like the work you do for them.

#### **Lets You Jump From One Job to Another Fast**

The Ford Tractor’s triple quick-attaching of implements is perhaps a more pronounced advantage on intensive farms than on other farms since as many as three or four changes may be made in one day. Think of the tractor and man-hours this feature alone provides!

#### **“Nimble”—Fast Moving**

To work in the “tight” places you just can’t match the Ford Tractor. First of all it’s short-coupled and Dearborn Implements are close-attached. Then you have automotive-type steering, improved brakes and hydraulic control of implements. All this helps you to intensely work more land for more profit—for greater prosperity.

# ADVANTAGES OF FORD TRACTOR **POWER** ON THE EXTENSIVE 3-OR-MORE TRACTOR FARM

The following letter from Mr. W. G. Bryan of Belzoni, Mississippi, contains a number of observations that will interest extensive operators of large farms everywhere:

"I have operated about 2544 acres over the last ten years. I've used about every kind of tractor; usually we run about 30 units.

"Your dealer here in Belzoni about eleven years ago sold me on the idea of trying out a Ford. If I had known the trouble I was in for, I might not have bought it. I'm not talking about tractor trouble; I'm talking about help trouble. Every man on the place figured that Ford was his tractor. They all wanted to drive it and kept getting to work earlier and earlier to get to it first.

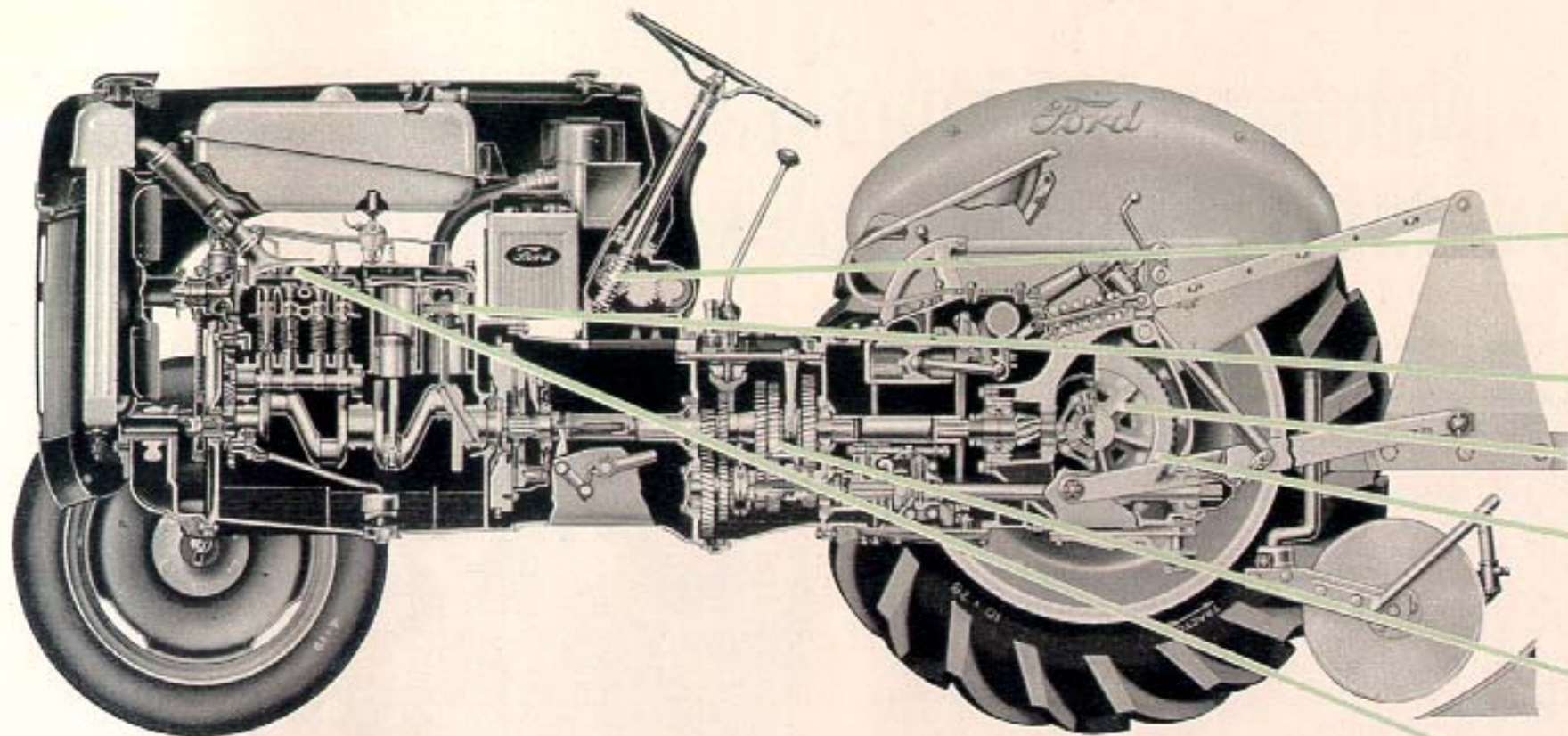
"Since then I have gradually replaced all my other tractors except five; so my 'labor trouble', if you could call it that, is gradually dying down.

"But this is something else I ought to tell you about too. We keep pretty accurate cost records of tractor operation. Never have I seen anything to beat those Fords. We give them good care, of course, but we also give them plenty of work and our maintenance bills are less than they have ever been.

"That quick change of your implements means a lot to us. Just figure it out for yourself: twenty-five units times 10 minutes a day saved means a lot of money to us in a year.

"The last Ford I got has that new proof-meter. Just for keeping cost records that thing is worth its weight in gold."





## ANYBODY CAN DESIGN A TRACTOR, BUT ONLY FORD COULD PRODUCE ONE LIKE THIS



It's no trick at all for *any* staff of competent tractor engineers to draw up a good tractor design. But it is an entirely different matter to design a tractor that can be built in quantity, with high quality at a low price. *Production* is the limiting factor.

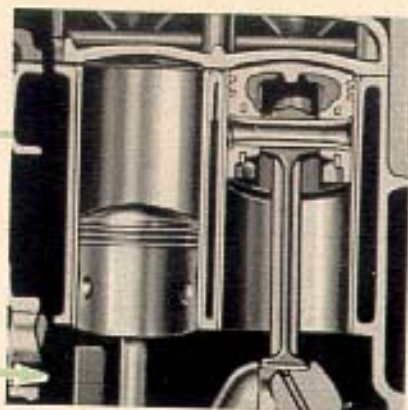
No company knows more about the science of mass production than the Ford Motor Company. That's why the Ford Tractor is the tractor

it is today. Iron straps, rough castings, square corners, braces, struts and other "props" are nowhere to be found on the Ford Tractor. And, in the cross section view above, nowhere do you see vast caverns of space between sections or assemblies.

All this because Ford can economically produce a remarkably well designed tractor! You reap the benefits!

## RINGS AND PISTONS

Cylinder and ring life on the Ford Tractor has been increased several times by use of chrome plated top compression rings. The chrome ring is found in high output engines (airplanes, tanks, industrial) where durability and long life are essential. Featherweight aluminum alloy pistons with steel inserts give close accurate fit for quiet operation and long engine life.



## STEERING

Standard automotive type, ball-nut gear. Two and one-quarter turns of the 18° steering wheel will turn front wheels through their entire range of travel when tread is 48", help to insure low driver effort because of comparative ease of operation and freedom from road shock. Assembly is quickly adjusted for accurate steering. Unit operates in oil for a long and trouble-free life.



## BRAKES

Internal expanding, duo-servo single anchor type individual, mechanically operated brakes with two-inch wide x 12.91" long linings bonded to shoe, giving 103.28 sq. in. of total brake lining area. Tractor momentum is utilized to reduce pedal pressures. Bonded lining gives greater strength, and longer brake life because there is more lining available for use—no rivets to score the drums.



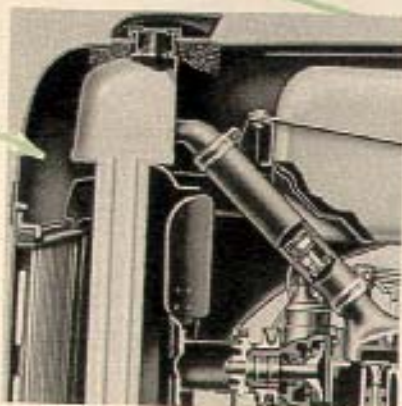
## FINAL DRIVE

Power is transmitted from transmission through the drive shaft to the pinion gear assembly, which is supported by tapered roller bearings. Differential unit is supported by the two axle housings through tapered roller bearings. Outer end of axle shafts supported by large tapered roller bearings which are pre-packed and sealed, requiring minimum of service.



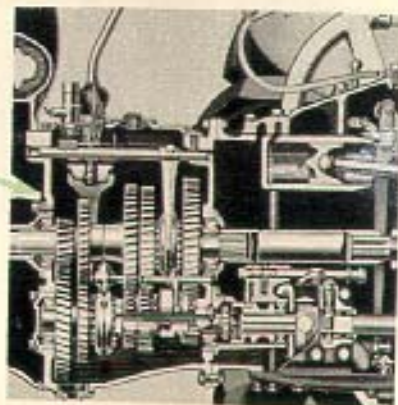
## COOLING SYSTEM

The water pump circulates 20 gallons of water per minute at 2000 r.p.m. engine speed. Air is pulled through the tube and fin radiator by four-blade 15 3/4" fan which runs 1.47 times engine speed. Pump bearing is pre-lubricated and has a stainless steel seal which minimizes leakage, wear and rust. Thermostat and pressure type radiator cap help assure a more efficient operating temperature.



## TRANSMISSION

Constant mesh four-speed transmission provides quiet operation and easy shifting. Helical gears are precision ground, matched fit. Entire assembly is supported by pre-loaded tapered roller bearings. The PTO assembly is also driven by the transmission unit; both assemblies are lubricated by the oil bath system—a factor in easy shifting even in cold weather.



# ALL THIS IS STANDARD EQUIPMENT AT THE FORD TRACTOR'S LOW PRICE



## SAFETY STARTER

Six-volt push button type. Unless the tractor is in neutral this starter will not operate. No danger of starting the motor in gear and jamming the tractor's radiator into the end of the shed.



## POWER TAKE-OFF

Operates power take-off driven rear attached and side mounted mowers, post hole digger, sprayers and dusters. Can be easily converted to drive A.S.A.E. standard power take-off driven implements.



## STANDARD DRAWBAR

Eleven holes in bar permit you to get correct line of draft. Clevis bracket under axle housing for attaching swinging drawbar and implements that are not designed to hitch to tractor linkage.



## AIR CLEANER

This is the heavy-duty, time-tested oil bath type. Screened air intake is easily removed for cleaning. This cleaner with proper maintenance attention will do much to lengthen engine life.



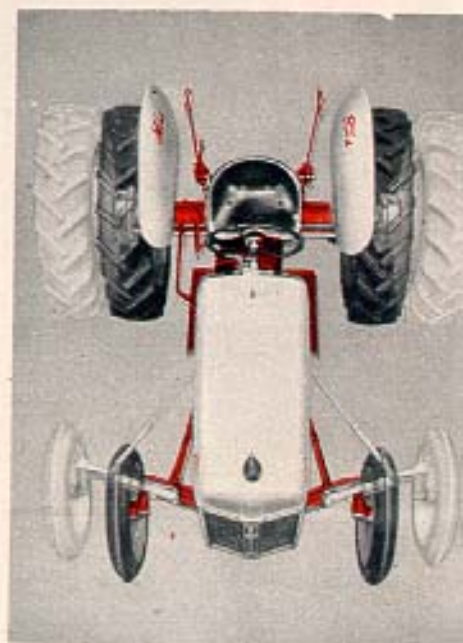
## OIL FILTER

Here is another "insurance policy" that's standard equipment to help you keep all moving engine parts to their original close tolerances. This filter has a large capacity; cartridges are easy to replace.



## BATTERY

In the Ford Tractor this is not an "extra." You get plenty of capacity; 13 plates, 6-volt, 80 ampere hour type. Remarkably easy to check and service . . . just raise the access panel on the hood.



## WHEEL SPACING

You get 4-wheel stability and the ease and accuracy of steering that only 4 wheels can give. You also have a range of wheel spacing to fit just about any row crop that's grown. Front and rear wheels can be spaced in four-inch steps from 48 to 76 inches! Wheels on one side can be set wide while wheels on the opposite side are set narrow—a valuable feature for haymaking and hillside work.

# SPECIFICATIONS 8N FORD TRACTOR

**REGULAR EQUIPMENT:** Rubber tires, safety self-starter, internal hydraulic mechanism with constant draft and implement position control, battery, two-brush generator, voltage and current regulation, thermostat, oil gauge, ammeter, oil bath air cleaner, oil filter, adjustable drawbar, stay braces and top link, Proof-Meter, fenders, muffler.

## ENGINE:

Type	"L" head
Cylinders	4
Compression ratio	6.5 to 1
Displacement	120 cu. in.
Bore	3 $\frac{1}{4}$ "
Stroke	3 $\frac{3}{4}$ "
Fuel	gasoline

**CRANKSHAFT:** Cast steel, statically and dynamically balanced.

### Bearing size:

Outer end bearings	2.25" x 1.6"
Middle bearing	2.25" x 1.66"

## CONNECTING RODS:

Forgings—crank pin pressure lubricated  
Bearing size—2.1" x 1.125"

## PISTONS:

Autothermic—aluminum alloy—cam ground—offset pin for added life.  
Piston rings— $\frac{3}{8}$ " top compression,

chrome plated for long engine life  
— $\frac{1}{4}$ " second compression ring with light expander for quick break-in  
— $\frac{1}{8}$ " oil ring.

## PISTON PIN:

Full floating, lubricated by continuous spray from bearings—size 2.85" x .75"

## VALVES AND GUIDES:

One piece valve guides. Removable exhaust inserts. Neoprene seals on intake guides prevent crankcase oil entering combustion chamber.

## COOLING SYSTEM:

Tube and fin type radiator with pressure type cap. Water pump is impeller type with pre-lubricated bearing. Water seal in pump is graphite against stainless steel which minimizes leakage, wear and rust. A slinger next to bearing prevents bearing damage if any leakage should develop.

Fan diameter 15 $\frac{3}{4}$ "

Pump cap. at

1500 r.p.m.	15.4 gal. per min.
Coolant cap.	12 quarts

## CARBURETOR:

Single up draft plain tube type of sturdy dust-proof construction equipped with accelerating well and economizer. Schebler,  $\frac{1}{8}$ " adjustable.

## FUEL TANK CAPACITY:

10 gallons total capacity; one gallon in reserve tank.

## AIR CLEANER:

Oil bath with easily removable lower element for convenient cleaning.

## GOVERNOR:

Centrifugal variable speed type.

## ELECTRICAL SYSTEM:

Generator—two-brush type, rating at 1500 engine r.p.m. is 20 amps., capacity 142 watts.

Regulator—voltage and current control.

Ignition—automatic spark advance, side mounted distributor.

Safety Starter—regular equipment.

Battery—80 ampere hour, 13 plates, 6 volt.

## TRANSMISSION:

Constant mesh, four speeds forward.

### ENGINE R.P.M.

Speeds	1500	1750	2000
1st	2.77 mph	3.23 mph	3.69 mph
2nd	3.56 "	4.16 "	4.75 "
3rd	4.9 "	5.72 "	6.54 "
4th	10.23 "	11.93 "	13.64 "
Rev.	4.55 "	5.31 "	6.07 "

## CLUTCH:

Single plate—semi-centrifugal—foot operated—9" diameter.

## STEERING:

Highly efficient automotive type ball-nut gear gives low driver fatigue

because of ease of operation and freedom from shock. Four wheel design gives advantages of a compact tractor and row crop tractor.

## FRONT WHEELS:

Standard with easy adjustment of tread, ranging from 48" to 76"—4.00 x 19 tires standard equipment.

## REAR WHEELS:

Tread adjustment in 4" increments from 48" to 76"—10 x 28 tires

## BRAKES:

Internal expanding, individually or jointly operated with right foot.

Bonded lining.

Thickness of lining 0.187"

Width of lining 2.000"

Length of lining 12.910"

Total area of lining (two wheels) 103.28 sq. in.

## HYDRAULIC PUMP:

Scotch yoke type with four pistons—internal mounting. Maximum pressure 1500 pounds per square inch. Delivers 2.85 gallons per minute at 2000 engine r.p.m.

## OVERALL MEASUREMENTS:

Maximum Height 54.5"

Maximum Length 114.5"

Maximum Width at 48" 64 $\frac{3}{4}$ "

Maximum Width at 76" 86"

## SHIPPING WEIGHT:

Approximately 2410 lbs.

*Design, Materials and/or Specifications are Subject to Change Without Notice and Without Liability Therefor.*

## EXTRA EQUIPMENT AVAILABLE FOR SPECIAL CONDITIONS\*

### LIGHTING KITS

Headlight kit includes two sealed beam lamps and all necessary wiring and switch. Implement light kit has own switch, frosted flood beam. Tail light and license bracket available also. Good lights may pay for themselves in one evening's use!

### BUMPER

Made of heavy, welded, cold rolled steel. Easily bolted to front axle. Protects radiator grille. Hitch on bumper lets you drag loads with chain, cable or rope. Also good for pushing wagons and other implements onto barn floor.

### POWER TAKE-OFF PULLEY ASSEMBLY

Unit is easily attached to center housing assembly. Pulley works in right, left or down position. 9" pulley, with 6 $\frac{1}{2}$ " face develops 1358 r.p.m. at 2000 engine r.p.m.; belt speed is 3200 ft. per minute. Spiral beveled alloy steel gears. Tapered roller bearings.

### A.S.A.E. PTO CONVERSION ASSEMBLY

This attachment converts the Ford Tractor's PTO to most A.S.A.E. standards. Assembly includes PTO extension, safety shield, drawbar extension and drawbar stay braces which properly position and lock hitch point.

### STABILIZER ASSEMBLY

In some operations—such as middle-busting or planting, you need rigid, straight line action. Stabilizer arms give you this rigidity against side motion, without affecting the action of the hydraulic mechanism. Quickly and easily attached to the tractor.

### FRONT WHEEL CONVERSION ASSEMBLY

This larger front wheel disc and rim assembly permits use of regulation 6.00 x 16 tires. Desirable when equipment that puts an extra heavy load on the front end is used extensively—for example, a front end loader.

### TRACTOR JACK

Changing wheel widths or attaching dual wheels is much easier with this sturdy jack that lifts the entire tractor at a touch of the Ford Tractor Hydraulic Control lever. Maximum ground clearance of wheels—3" when fully raised. Welded structural tubing.

### TIRE PUMP AND GAUGE

Uses engine compression to bring the convenience of filling station air right to your farm. Fills tractor tires, implement, truck or car tires. Durable, flexible 16 ft. hose with brass connections. Air pressure gauge.

\*Sold separately.



# FORD TRACTOR **POWER PLUS**

GIVES YOU GREATER PERFORMANCE,



## The Ford Tractor makes greater simplicity in implements possible

Thanks to Ford Tractor design, a large number of Dearborn Implements including planters, plows, spring tooth harrows, post hole diggers, scoops, disc harrows—to mention only a few—have been simplified in one way or another.

The disc harrow shown here is a good example. For decades designers made disc harrows with *flexible*, independent gangs—so they could follow high and low spots in the field. Then, they added spring levelers, center levers, connecting links and other devices—to make the disc *rigid* to run level! But this Dearborn Lift Type Tandem is lifted and lowered by Ford Tractor Hydraulic Touch Control—and this controls the depth you want it to work. Angles of the gangs are *fixed* to give you maximum pulverization—not only in deep, but in *shallow* work. Result: better performance through simplified design.



## Dearborn Implements contribute to tractor performance

Dearborn Plows furnish another example in simplicity—wheels, axle, coil springs, levers, clutches and other conventional plow parts have been eliminated. But plows and other tools designed with “suck” contribute directly to performance of the Ford Tractor itself! That’s because they are *carried* on the tractor and this “suck” in effect adds weight for greater traction.

# DEARBORN IMPLEMENTS

## ECONOMY, CONVENIENCE



### DEARBORN PLOWS

**ECONOMY PLOWS:** Two bottom—12", 14" and 16". All bottoms equipped with "Razor Blade" shares. Smooth or notched cutters and combination jointers sold separately. Conversion kits to make three bottom 12" and 14" plows from the corresponding two bottom plows are available.

**STANDARD PLOWS:** Two bottom 10" with scotch bottom; 12" with sod and clay bottom; 14" with general purpose or stubble bottom. Variety of share shapes, sizes and materials.

**TWO-WAY PLOW:** 16" right and left hand bottoms.

**DISC PLOW:** Equipped with two 28" high carbon discs and adjustable scrapers.

### DEARBORN MIDDLEBUSTER

**MIDDLEBUSTER:** Equipped with two beams, adjustable for row widths from 36" to 54", 12" blackland and 12" blackland with 14" shares and 14" general purpose bottoms available. Controls available as extra equipment. Can be equipped with two-row cotton and corn planting attachments.

### DEARBORN SUBSOILER

**SUBSOILER:** Maximum penetration 18". High lift. Reversible beam. 2" x 12" point also reversible.

### DEARBORN FIELD CULTIVATORS

**FIELD CULTIVATORS:** 9 spring tip shanks with 7" working width. Also available with 5 and 7 shanks. Reversible shovels, cultivator and duck-foot sweeps available.

### DEARBORN DISC HARROWS

#### Lift Type

**SINGLE ACTION DISC HARROWS:** Available in 10' or 12' sizes. 6½" spacing, smooth discs and adjustable scrapers.

**TANDEM DISC HARROWS:** Available in 5, 6 and 7 foot sizes. 16", 18" and 20" discs (depending on model). Notched front gangs available for 5 and 6 foot models. Scrapers sold separately.

#### Pull Type

**TANDEM DISC HARROWS:** Available in 6 and 7 foot sizes with built-in weight boxes. 16" and 18" discs, smooth or notched front gangs. Ford Tractor Hitch or Universal Hitch available. Angle of gangs adjustable by tractor power.

### DEARBORN BUSH AND BOG HARROWS

**LIFT TYPE BUSH AND BOG HARROWS:** Available with eight 20" or 22" notched discs. Adjustable gang angle. Gangs can be reversed and tilted. 62" cut at maximum angle.

### DEARBORN SPRING TOOTH HARROWS

**SPRING TOOTH HARROWS:** Available in two-section, 17 teeth with 6 foot cut or three-section,

25 teeth with 9 foot cut. Both models lift, lower by Ford Tractor Hydraulic Touch Control.

### DEARBORN PLANTERS

#### Lift Type

**CORN PLANTER:** Checks, hill drops or drills corn in 36", 38", 40", 42" or 44" spacings. Fertilizer equipment and a variety of attachments are available.

**CORN DRILL PLANTER:** Drills corn, soy beans, sorghum, maize and many other row crops in row spacings of 36" to 44". Fertilizer equipment and a variety of attachments are available.

**LISTER PLANTERS:** Five models available. All are two-row listers with 78" tool bar. Corn seeding equipment; combination cotton and corn seeding equipment; ground wheel or tractor wheel drive; rotary moldboard; lister bottoms; choice of subsoilers. Press wheels, drag covers, fertilizer attachments sold separately.

**COVINGTON PLANTERS:** Two-row. Drills cotton, corn, beans, peanuts and sorghums. Fertilizer distributor, 10 plates and 6 sprockets included.

**KELLY PLANTER ATTACHMENTS:** For use with Dearborn Middlebuster or Dearborn Row Crop Cultivator frames. Five models available give you wide choice of openers and covers. Plant cotton, corn, peanuts and sorghum. Fertilizer distributor sold separately.

### DEARBORN-PEORIA GRAIN DRILL

**FERTILIZER GRAIN DRILL:** 13 single disc openers—7" spacing—universal tractor hitch. Fluted type grain feeds, power lift-off. Grass seed attachment, rot agitator and footboards sold separately.

### DEARBORN ROW CROP CULTIVATORS

**RIGID SHANK CULTIVATOR:** 11 rigid shanks with heat treated sweeps and rolling guide. Row width adjustable in 2" steps. Rotary Hoe Attachments sold separately.

**SPRING SHANK CULTIVATOR:** Equipped with 11 spring shanks and rolling guide—available with reversible shovels or sweeps. Rotary Hoe Attachments sold separately.

**NOTE:** Cultivator frame, less shanks and rolling guide, can be purchased separately for mounting planting equipment.

**LISTED CROP CULTIVATOR:** 78" tool bar mounted, 7 coil spring shanks, two pairs of disc hillers, hood fenders and rolling fin.

### DEARBORN WEEDER

**FOUR ROW WEEDER:** Spans 14' 4", 80 spring teeth. End sections fold over to 7' 2" transport width.

### DEARBORN ROTARY HOE

**ROTARY HOE:** Lift type, two section with 32 wheels, 10 teeth per wheel. Working width 88".

### DEARBORN MOWERS

**REAR ATTACHED MOWERS:** With 6 or 7 foot

cutting bars. Rear power take off driven by V-belt. Safety break back. Two sickles included.

**SIDE MOUNTED MOWERS:** 5 or 6 foot cutting bars. Double V-belt driven. Cutter bar height power controlled, cutting range 40" below horizontal to almost vertical. 12" curb lift. Standard equipment includes two knife assemblies, ignition, cut-out switch, rock guards.

### DEARBORN RAKES

**HEAVY DUTY SIDE DELIVERY RAKE:** Four bar, tractor drawn, two-wheel ground driven. Sold without tires, tubes. Takes 6:00 x 16 size.

**SWEEP RAKE:** Lifts, lowers by Ford Tractor Hydraulic Touch Control. 500 lb. rated load capacity. Sweeping width: 10 feet, 6 inches.

### DEARBORN-WOOD BROS.

#### COMBINES

**COMBINES:** Ford engine powered or P.T.O. driven. Bagger model and bin models available in each type. 6' header, variable speed cylinder drive, ground driven reel. Comes equipped with 8 ply 6:50 x 16 tires. Wide variety of extra equipment sold separately including dual wheels, windrow pick-up, scum clean, flax rolls, dirt removal attachment, tailings-by-pass attachment, power drive reel attachment, low cylinder speed attachment.

### DEARBORN-WOOD BROS.

#### CORN PICKER

**CORN PICKER:** One row pull type. Can be used with two or three plow tractors with A.S.A.E. Standard P.T.O. and hitch. Husking bed 18½" x 36"; 3 rubber, 3 steel rolls. Snapping bar, corn saver, spiral feed husk bed.

### DEARBORN-WOOD BROS.

#### CORN HARVESTER

**CORN HARVESTER:** One row pull type. Can be used with two or three plow tractors with P.T.O. drive with A.S.A.E. Standard P.T.O. and hitch. Comes with blower, snapping bar, rubber tires.

### DEARBORN UNIVERSAL FRAME AND ATTACHMENTS

**UNIVERSAL FRAME:** For use with Dearborn Angle Dozer, Dearborn Blade Snow Plow, Dearborn "V" Snow Plow.

**ANGLE DOZER BLADE:** Cutting width 60". Angles left or right; lifts and lowers by Ford Tractor Hydraulic Touch Control.

**BLADE SNOW PLOW:** Cutting width 60". Angles to right or left. Lifts, lowers by Ford Tractor Hydraulic Touch Control.

**"V" SNOW PLOW:** Cutting width 60". Lifts, lowers by Ford Tractor Hydraulic Touch Control.

### DEARBORN BLADES

**UTILITY BLADE:** 6' cut when straight; angle right, left, reverse for backfilling. Adjustable pitch and side tilt. Replaceable cutting edge.

**DANUSER ALL-PURPOSE BLADES:** 6" and 8" models. Can be offset 8" right or left of center. Adjustable for angle, pitch, tilt. Replaceable cutting edge.

### DEARBORN SCOOP

**SCOOP:** Has 6 cu. ft. capacity. Lifts, lowers by Ford Tractor Hydraulic Touch Control.

### DEARBORN LOADERS

**LOADERS:** Available in three models: Standard, Heavy Duty and Heavy Duty with Hydraulic Bucket Control. All use same basic frame, lift arms, ram cylinders. Standard model has 750 pounds lifting capacity; Heavy Duty models 1,000 pounds. Heavy Duty models have separate hydraulic pump. 9 cu. ft. material bucket, 14 ft. frame, manure fork sold separately.

### DEARBORN WAGON

**STANDARD WAGON:** Automotive type steering, rocking bolster, adjustable tie rods. Capacity 5,000 pounds. Tires and box not supplied with wagon.

### DEARBORN CORDWOOD SAW

**CORDWOOD SAW:** 30" blade, roller bearings, safety guard, Rockwood pulley, belt.

### DEARBORN LIME AND FERTILIZER SPREADER

**LIME AND FERTILIZER SPREADER:** Capacity 800 to 1000 pounds. Distributes 8 feet wide; distributing rate adjustable from 100-500 pounds per acre. Tires sold separately.

### POST HOLE DIGGER

**DANUSER POST HOLE DIGGER:** Lifts, lowers by Ford Tractor Hydraulic Touch Control. Self-plumbing. Augers, sold separately, are available in sizes from 4" to 24" diameter.

### DEARBORN CRANE

**REAR END CRANE:** 600 pounds capacity. Lifts, lowers by Ford Tractor Hydraulic Touch Control. Dearborn Motors Corporation Reserves the Right to Make Changes in Design, Material and/or Specifications, Without Notice and Without Liability Thereof.

LET'S TAKE A  
CLOSE LOOK AT SOME OF  
THE MORE WIDELY  
USED IMPLEMENTS

# PLOWING WITH FORD TRACTOR **POWER**



## DEARBORN ECONOMY PLOW

Here's the new plow sensation! Like all Dearborn Moldboard Plows it can be attached to the Ford Tractor in 60 seconds! It lifts and lowers by Ford Tractor Hydraulic Touch Control. It adds "weight" and traction to the Ford Tractor—and thereby contributes directly to the performance of the Ford Tractor itself!

Since the Ford Tractor carries this plow, in effect the rear wheels of the tractor become wheels for the plow. So the plow has no wheels, or axle. It has no tongue, no control levers, clutch, coil springs or shear pins. These parts are eliminated along with their

maintenance trouble and expense. No wonder the price can be so low!

The bottoms have replaceable moldboard shins to increase moldboard life, beams are extra heavy and a heavy cross shaft is located above beams for better trash clearance.

But that's not all—the Dearborn Economy Plow uses "Razor Blade" shares. There's no expensive resharpening of these shares—they cost so little you throw used ones away like razor blades. Because shares are always the right shape, always factory checked, you are bound to get better performance. Coulters, jointers sold separately.



**"RAZOR BLADE" SHARES**

Formed of tough, high quality, long wearing steel. Priced so low that you never sharpen them—you just throw used ones away. Available for 12, 14 and 16-inch bottoms; regular or narrow cut. 6 to a box.



**REPLACEABLE SHIN**

Replacement of a complete moldboard is expensive. You avoid this with the Economy Bottom! For a small fraction of the cost of the entire moldboard you merely replace the shin. Adds years to moldboard life.



**HEAVY STEEL BEAMS**

These beams "look like business" and they perform just like they look! They are precision built of  $1\frac{1}{4}$ " x  $2\frac{3}{4}$ " hardened steel and have tremendous resistance to springing. The diagonal beam brace is  $1$ " x  $2\frac{3}{4}$ ".



### DEARBORN STANDARD MOLDBOARD PLOW

An even, clean-cut furrow and a well-turned furrow slice are what every farmer wants. The Dearborn Standard Moldboard Plow gives you all this, and more! With the Ford Tractor it gives you the advantages of Ford Tractor Hydraulic Touch Control, quickness and ease of attachment, easy adjustments. It has the sturdy frame construction of the Dearborn Economy Plow, and uses any of the Dearborn regular bottoms.



### DEARBORN MIDDLEBUSTER

The Dearborn Middlebuster has practically all the advantages cited for the Dearborn Standard Moldboard Plow. Bottoms can be spaced for 36" to 54" rows. One bottom may be carried in the center for one-row work in very heavy soil, or for use as a ditcher. Planter attachments are available (sold separately). Short point rows are easy to work with this middlebuster. You can make short, fast turns on headlands.



### DEARBORN DISC PLOW

The Dearborn Disc Plow is the answer to sticky or waxy hard scouring soils; for unusually hard soils that are difficult to penetrate; abrasive soils that wear moldboards and plow shares rapidly. The Dearborn Disc Plow can break up to 8 acres in a 10-hour day. It cuts a 12" furrow with each 26" diameter disc. Thanks to Ford Tractor Hydraulic Touch Control, this heavy tool is easy to handle in regular plowing or terracing.



### DEARBORN TWO-WAY PLOW

In farming irrigated lands, hill fields, or odd-shaped fields, where you want to throw all the dirt the same way, the Dearborn Two-Way Plow is what you need. Ford Tractor Hydraulic Touch Control lifts and lowers the plow. When lifted at the end of the furrow the counterbalanced beams automatically change positions and the other bottom locks into place. With an attachment both bottoms can be lowered for light ditching.

# FITTING SEED BEDS WITH FORD TRACTOR **POWER**



## DEARBORN LIFT-TYPE TANDEM DISC HARROW

The tandem disc harrow that lifts! All four gangs of this harrow are attached to one rigid frame. Discs are set permanently at 20°, the most efficient and effective working angle. Instead of changing angles to reach any depth you want, you simply lift or lower the entire harrow by a touch on the Ford Tractor Hydraulic Touch Control lever! As you work across the field you can change the depth instantly, easily, to meet varying soil conditions . . . without stopping and without slowing up the job.

If you have heavy going in sod, stalks, or heavy trash, you can raise the rear gangs in relation to the front gangs—this puts more weight on the front blades for better penetration. For leveling dead furrows you can raise the front gangs, which transfers the weight of the harrow to the rear gangs, and this moves dirt into the furrow.

Available in 5, 6 or 7-foot sizes, with either plain or cut-away discs.



Wet spots need never give you trouble with this Dearborn Disc Harrow. Simply lift the Ford Tractor Hydraulic Touch Control lever: "up" comes the harrow. This same feature is just as valuable in crossing grassed waterways. Turning on the headland, too, is fast and easy.

No ridging of dirt on the headlands. Just raise the harrow and make the turn. No gouging, no time or fuel wasted on turns. This same feature is important in transport, particularly over highways. When the disc blades are "up" you are not grinding or damaging them.





### DEARBORN PULL-TYPE TANDEM DISC HARROW

This Dearborn Pull-Type Tandem Disc Harrow equipped with *Ford Tractor Hitch* enables you to control gang angle instantly from tractor seat, by *Ford Tractor Hydraulic Touch Control*—a big advantage in working fields with varying type soils and in crossing wet spots. Harrows with *Universal Hitch*\*, which attaches to drawbar of any tractor, are angled and deangled by conventional "back into" methods.

One of the best cutting and covering discs you ever saw. Available in 6 or 7-foot sizes, plain or cut-out discs. \* Sold separately.



### DEARBORN LIFT-TYPE SINGLE DISC HARROW

The ability to cover a lot of ground is one of several important advantages of this harrow. Because of its cutting width—10 or 12 feet—it's a popular tool for discing grain stubble in large fields. It is also good for use in wet ground, first time over—breaks the surface shallow as you want, to dry out the field fast so you can get in for seed bed preparation sooner. Nothing better for light discing!

Can be used discing full width one way, then hopped halfway coming back to throw the soil the other way.



### DEARBORN BUSH AND BOG HARROW

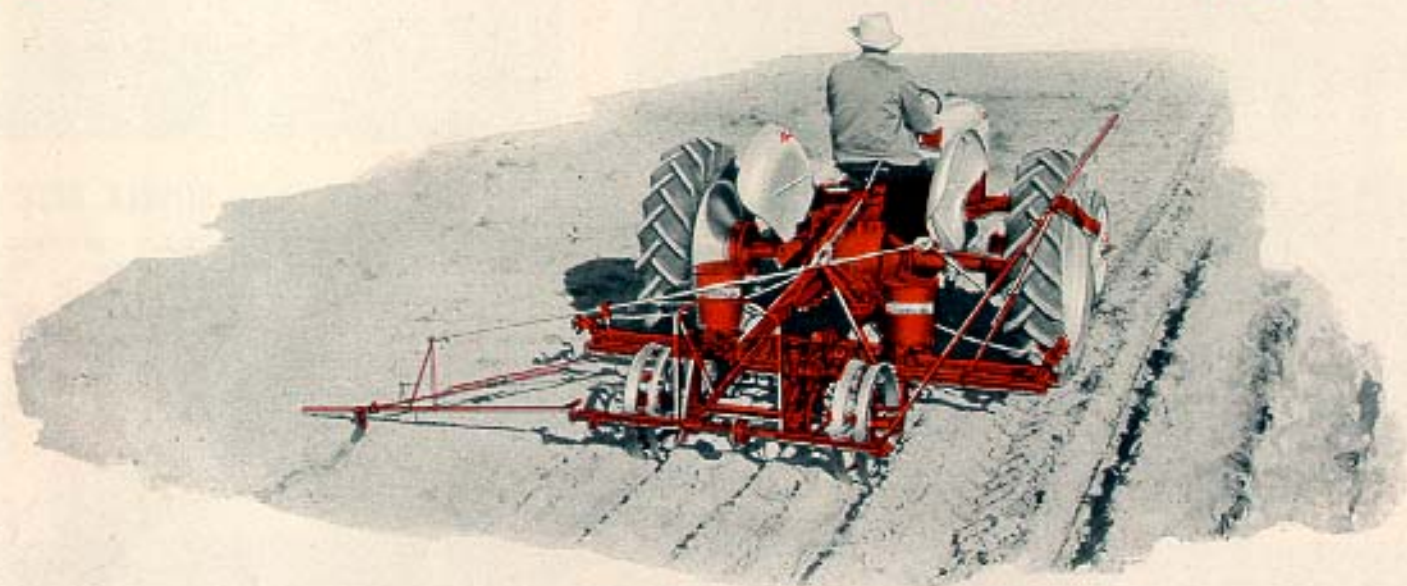
With gangs level, the Dearborn Bush and Bog Harrow is just the "ticket" for discing heavy soil; leveling old beds; chopping heavy trash; clearing new land; renovating pastures; making fire lanes or discing in cover crops. By tilting gangs down in the middle, it makes or cleans ditches. By reversing the gangs and tilting up in the middle it can make beds 42" to 72" wide. This harrow lifts and lowers by *Ford Tractor Hydraulic Touch Control*. Maximum cutting width as bush and bog, 62".



### DEARBORN SPRING TOOTH HARROW

You don't have to load this harrow on a wagon or drag it to the field. Just attach it to the *Ford Tractor*. Raise the harrow by *Ford Tractor Hydraulic Touch Control*, and drive away. Working depth is selected by adjustment of the teeth and is maintained by sled runners. The *Touch Control* lever raises the harrow on turns and for passing over grassed waterways or backing into corners. 2 models: 3-section harrow shown above has 25 teeth, cuts full 9-ft. width; 2-section harrow has 17 teeth, cuts 6-ft. width.

# PLANTING WITH FORD TRACTOR **POWER**



## DEARBORN CORN PLANTER

This planter lifts and lowers by Ford Tractor Hydraulic Touch Control. Lifting automatically stops planting and planting automatically resumes when the planter is lowered.

It will check, hill drop or drill corn in row widths from 36" to 44". While basically a check row planter, a lever adjustment changes it to drill planting. A simple cam adjustment converts it to a hill drop planter.

80 rods of check wire are supplied with this planter. The reel is equipped

with an automatic level winding device. A friction clutch controls the tension in paying out and reeling up the wire.

The marker is a single pull semi-automatic type; it leaves an easy-to-see trench so rows can be accurately followed.

Extra equipment, sold separately, includes: disc openers, disc coverers, semi-automatic disc marker, gauge wheels, extension hoppers, wheel bands, fertilizer attachment. A wide range of plates is available.

## DEARBORN CORN DRILL PLANTER

This planter will handle corn, soy beans, peas, sorghums and other seeds that are drilled. Rows can be spaced from 36" to 44"; depth of planting can be varied from  $\frac{1}{2}$ " to 3", with gauge shoes.

Ford Tractor Hydraulic Touch Control lifts and lowers the entire planter; this controls dropping of seed and eliminates the need for a "throw-out" gear. Drive wheels act as press wheels. Runner openers and gauge shoes shipped with planter. Fertilizer attachment, disc openers, disc coverers, hook or disc markers, sold separately.





For Dearborn Middlebuster Frame



For Dearborn Cultivator Frame

## KELLY PLANTER ATTACHMENTS

Kelly Planter Attachments can be used with either the Dearborn Middlebuster frame or the Dearborn Cultivator frame (either rigid or spring shank). You can plant 36" to 42" rows in furrows, on beds or on flat land. All planters lift and lower by Ford Tractor Hydraulic Touch Control.

With these attachments you have a wide selection of covering frames, planting assemblies and openers. Covering frames include: shovel openers

and shovel coverers; shovel opener and disc coverers; runner openers and disc coverers; runner openers and spoon coverers. Press wheels available. Corn, cotton and peanut planting assemblies will handle many other crops including peas, beans and sorghum. Fertilizer attachment available.

For complete information ask your Ford Tractor dealer for separate literature on Kelly Planter Attachments.



## DEARBORN-PEORIA GRAIN DRILL

The Peoria Grain Drill has been a favorite of farmers for the last 50 years. The new Dearborn-Peoria Drill has grain and fertilizer compartments. Grain feed is the fluted feed type. Fertilizer is fed through sliding gate openings. Comes equipped with rubber tires, land measurer, single disc openers. Grass seeder attachment sold separately.



## DEARBORN LIME AND FERTILIZER SPREADER

Heavy steel hopper holds from 700 to 1,000 pounds (depending on type of material used). Agitator is axle driven, breaks up material and feeds it through sixteen 1 3/8" adjustable square openings. Sliding feed regulator gives you a selection of anywhere from 100 to 5,000 pounds per acre. Covers up to 25 acres per day. Tires sold separately.



# CULTIVATING WITH FORD TRACTOR **POWER**



## DEARBORN RIGID SHANK CULTIVATOR

With a Dearborn Rear Attached Cultivator you can really look ahead—way ahead—just as you do when you're plowing, discing or planting.

This means you can "stay ahead of the game" because you know in advance when you are going to hit a bend in the rows, a sticky spot, a hard spot, an obstruction, or where a couple of plants are out of line. As a result, you uproot fewer plants, you do a better job, and you can cultivate at higher speeds safely. But, that's not all . . .

## ROTARY HOE ATTACHMENT

Gets weeds in the row in early stages of crop growth. Two outer spiders act as a "screen," breaking up clods and allowing fine dirt thrown by shovels to sift into the row and cover small weeds. Higher speed cultivating is practical when rotary hoes are used. Front and rear depth adjustments. Sold separately.

You are not forced to sit in a cramped position with your eyes glued to the shovels as you "thread" thousands of plants one-by-one between them. "Looking ahead" makes a big difference in the way you feel at the end of the day.

Ford Tractor Hydraulic Touch Control replaces hauling and heaving on long, heavy levers. Dearborn Cultivators can be attached or detached in 60 seconds! No nuts, no bolts, no wrenches needed. Wide variety of sweeps, shovels and points are available.





### DEARBORN SPRING SHANK CULTIVATOR

Take a good look at this Dearborn Spring Shank Cultivator or the Rigid Shank model shown on the opposite page. It's hard to imagine a simpler design . . . just a strong steel frame onto which the shanks are attached. There's practically nothing to go wrong! And, except for ground-engaging parts, there's nothing to wear out! No "joints," no sockets, no levers.

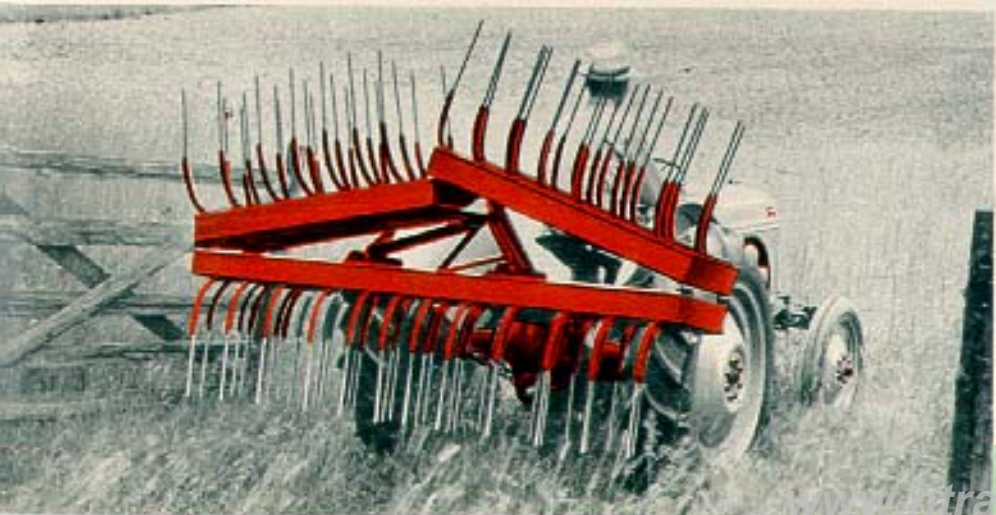
With either model you can space shanks easily and quickly for all row widths in which corn, cotton, tobacco are planted as well as potatoes and many other vegetables.



### DEARBORN ROTARY HOE

With this 7-foot, 4-inch wide Dearborn Rotary Hoe you can cover about 30 acres per day. You can use it to help eradicate weeds in row crops, including corn, cotton and many vegetables and in close drilled crops. In addition to weed control, many farmers reverse this rotary hoe to prepare a seedbed in stubble mulch farming.

Unlike those rotary hoes that dig just as deep as they are heavy, this tool can be used in "tender" cotton and beans. Simply put some of the weight on the tractor and off the crop by lifting "up" on the Ford Tractor Hydraulic Touch Control! A handy feature, too, in soft going.



### DEARBORN FOUR ROW WEEDER

Since this weeder is 14 feet wide it can span four rows of corn even when the rows are planted as far as 42" apart. Thus, in a normal working day 50 acres or more can be covered. It uproots young weeds *in the rows* as well as between rows. In this respect it is more than equivalent to the weeding done by one cultivation.

It can be attached to the Ford Tractor in 60 seconds; lifts, lowers by Ford Tractor Hydraulic Touch Control. End sections fold up for transport, storage and getting through gates.

# HAYING WITH FORD TRACTOR **POWER**



## **DEARBORN** REAR ATTACHED MOWER

This Dearborn Rear Attached Mower can be put on the Ford Tractor in a matter of minutes. This means a lot to any farmer who can profitably switch from mowing to cultivating several times in the season.

The Dearborn Rear Attached Mower and the Ford Tractor make an especially easy outfit to operate. There are no cumbersome levers to pull. To lift and lower the cutter bar all you do is move the Ford Tractor

Hydraulic Touch Control lever. You can cut square corners, and get from barnyard to field and back again quickly.

The Dearborn Mower is smooth running. It has a carefully balanced flywheel; a heavy adjustable "V" belt, tapered roller bearings in pitman drive. Flywheel axis is near the center line of the drawbar pins. Result: greatly reduced vibration and extended life. 6 or 7-foot cut.

## **DEARBORN** SIDE MOUNTED MOWER

Designed to mow highway shoulders and rights of way, to cut small brush, and to trim hedges. It is an ideal mower for farmers who have large acreages of extra heavy hay or other green crops. The Ford Tractor's Hydraulic Touch Control lever lets you lift or lower the cutter bar from almost vertical to 45° below horizontal position to mow banks, slopes and ditches. 5 or 6-foot cut.





### DEARBORN SIDE DELIVERY RAKE

This heavy duty rake does a clean job yet is remarkably "easy on the hay." That's because the reel is ground driven and has a motion that "pushes" the hay into the windrow rather than "whipping" it. The reel is raised and lowered by Ford Tractor Hydraulic Touch Control—a handy feature and a hay saving feature in many crop and ground conditions. Inverting action exposes stems, puts leaves inside windrow. Two leveling cranks permit easy reel adjustment. Raking width 8 feet.



### DEARBORN SWEEP RAKE

With the Ford Tractor and this Dearborn Sweep Rake you can gather, lift, carry and unload 500 pounds of hay per trip. There's no hard work to it. Ford Tractor Hydraulic Touch Control does the lifting, no long heavy lever for you to work. Push-off rack automatically pushes off the load when teeth are lowered and tractor is backed. Good for handling shocked grain and corn, brush cuttings and orchard prunings.



### DEARBORN WAGON

This wagon is a real bargain. Mass production enables it to be sold at a surprisingly low price. Yet look what you get. Automotive type steering, tapered roller bearing equipped wheels, adjustable tie rods, heavy duty steering spindles—these features assure straight trailing, easy rolling. Swiveled reach, rocking bolster, double stop bars and welded steel chassis—these features assure long life. Sold without tires, box or rack. 16" wheels may be equipped with 5:50 x 16 or 6:00 x 16 or 6:50 x 16 tires. 15" wheels take 5:90 x 15 or 6:40 x 15 or 6:70 x 15 or 7:60 x 15 tires.

# HARVESTING WITH FORD TRACTOR **POWER**



## DEARBORN-WOOD BROS. COMBINE

The Dearborn-Wood Bros. Combine has a one-word description—*excelled!* Here are some of the reasons why:

Its 6-foot header can be set to operate from 2" to 38" off the ground to get low or rank crops. Constant speed, rubberized canvases have a low incline to assure gentle, positive feeding. Its ground-driven reel can be adjusted up, down, fore, aft.

The cylinder is 48" wide, 16" in diameter. Grooved rasp bars help assure a thorough threshing job. The cylinder, mounted on sealed ball bearings, can be made to run from 430 to 1510 revolutions per minute by simply "dialing" the speed you want on the speed changer!

Oscillatory motion straw rack heads separate about 80% of the grain and eliminate the need for trouble-making beaters, drums or flails. The

straw rack itself has a capacity equal to those found on many 12-foot combines. It is the famous straw walker type.

This combine has a raddle conveyor, vibrating grain pan, and efficient cleaning shoe . . . all to save more grain.

Power is supplied by the Ford Farming Engine—4 cylinder, water cooled, 21 belt horsepower. Thus the Ford Tractor or any other full 2-plow tractor can handle this combine easily.

Power take-off driven model also available.

They are built in either bin or bagger models. There is a wide variety of attachments to handle any combinable crop.

For complete information ask your Ford Tractor dealer for separate literature on this combine.



## DEARBORN-WOOD BROS. CORN PICKER

This is America's favorite corn picker. There are a number of reasons why—but probably the biggest reason is the husking bed.

The Dearborn-Wood Bros. husking bed is really a whopper—effective area 13¼" wide x 36" long! It has six instead of the usual four rolls. These are not ordinary rolls either; three are rubber, three are of a special analysis steel. Spiral husking bed feed for even distribution of ears. Result: clean, fast husking with the corn treated gently.

### Exclusive Snapping Bar

Only the Dearborn-Wood Bros. Corn Picker has the rotary snapping bar. This exclusive feature helps to snap the ears gently which greatly reduces shelling. Also in trashy conditions it is an anti-slugging, anti-clogging device.

Other features include floating gathering points, three gathering chains, shelled corn saver, 2-way control elevator hood. Blower available, sold separately.

Easily operated by the Ford Tractor with PTO conversion kit, sold separately; or any 2-plow tractor with A.S.A.E. standard PTO and hitch.

For complete information ask for separate literature on this great corn picker.

## DEARBORN-WOOD BROS. CORN HARVESTER

Basically the same design as the Dearborn-Wood Bros. Corn Picker above. Since it is a harvester, it has no husking bed or husking bed feed. Used in the south where corn is stored with husks and by corn feeders in all sections of the country. Big capacity squirrel cage blower. Light draft lets you get the crop in despite bad ground conditions. Adjustable clearance for ridged fields.



# DEARBORN IMPLEMENTS PUT YOUR **POWER** TO WORK THE YEAR 'ROUND



## DEARBORN UTILITY BLADE

← Blade can be used straight, angled to right or left, or reversed for backfilling. Adjustable for pitch and tilt. Six-foot blade is easily lifted and lowered by the Ford Tractor's Hydraulic Touch Control lever.



## DEARBORN SCOOP

→ Just the tool for making dams, ponds, trench silos; excavating basements; carrying feed, seed or fertilizer. Level full capacity 5.7 cubic feet. Lifted and lowered by Ford Tractor Hydraulic Touch Control.



## DEARBORN FIELD CULTIVATOR

← For renovating pastures, summer fallow, killing quack grass and other weeds, loosening gravel and dirt for loaders. Works to a 9" maximum depth, 7-foot cut. Lifts, lowers by Ford Tractor Hydraulic Touch Control.



## DEARBORN SUBSOILER

→ Reversible point and beam will chisel the soil to a maximum depth of 18". Carried on the Ford Tractor hitch without wheels, axles or levers. Lifted, lowered by Ford Tractor Hydraulic Touch Control. Low in price.



## DEARBORN ANGLE DOZER

← An excellent maintenance tool for roads, lanes, driveways, also for cleaning barns, feedlots and clearing snow. Blade angle and pitch adjustable. Detachable end plate and skid shoes sold separately.



## DANUSER POST HOLE DIGGER

→ One man, the Ford Tractor, and this digger can dig up to 600 post holes per day! You can get vertical holes regardless of how the land lays. Seven sizes of augers sold separately. Good for planting orchards.



### DEARBORN CORDWOOD SAW

Can saw 20 or more cords per day. Saw is lifted and lowered by the Ford Tractor's Hydraulic Touch Control. When lowered, belt lines up and tightens automatically. Safety guard.

### DEARBORN LOADERS

3 models available but all use same basic frame, lift arms, ram cylinders. This cuts cost to you. Manure fork, crane and material bucket attachments sold separately. See loader on pages 6 and 7.

### DEARBORN SNOW PLOW

Takes a 6-foot cut. Blade can be angled to throw snow to right or left. Lifts and lowers by the Ford Tractor's Hydraulic Touch Control. Also "V" Snow Plow available.



### AND THAT'S NOT ALL

Only a part of the Dearborn Implement Line could be shown here. Moreover, there are many variations of the models shown which could not even be mentioned in the space of this book.

### TOWNER IMPLEMENTS

For deep tillage in irrigated agricultural areas there are a large number of Towner Implements, specially engineered for the Ford Tractor.

Get the FEEL of the Ford Tractor  
DRIVE IT YOURSELF!

## Your Ford Tractor Dealer...

*A Good Man to Know Better*

We sincerely hope this book has given you a pretty good idea of the advantages of the Ford Tractor and Dearborn Implements. We hope, too, these pages conveyed to you what these advantages could mean to you in terms of Production and Profit—of a Better Farm—of a Better Way of Living.

But space permits only a brief description of the features and uses of the Ford Tractor and Dearborn Implements and how they can serve you best right on your own farm. Your nearby Ford Tractor dealer will be glad to give you interesting details. Drop in and see him, he's a good man to know better.







# Power for Production



PRINTED IN U.S.A. 200M 731 FORM AD-5579 REV. A



## SERVICE THAT GOES BEYOND MACHINERY

As your Ford Tractor and Dearborn Farm Equipment dealer, our sense of responsibility to this farming community goes much farther than the selling and servicing of tractors and implements. We are interested in promoting better crop varieties, improved livestock breeds, soil and water conservation and better farm practices of all kinds. We'll be glad to discuss your farming problems with you at any time.

# Ford Farming

MEANS BETTER WORK  
... MORE PRODUCTION

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