

IT'S  
HERE!

# FORD's great new POWER PARADE!

**2** NEW  
SERIES  
**5** NEW  
MODELS

**800** SERIES

MODEL  
**850**

**600** SERIES

MODEL  
**640**

MODEL  
**860**

MODEL  
**860**

MODEL  
**850**



PICK  
THE  
*power*  
YOU  
NEED...



*most powerful*



2 MODELS available

Here's FORD'S

3 MODELS available





# FORD TRACTORS EVER

## Full 3-plow power...nearly a third more powerful

If you farm larger acreages you'll appreciate the extra work you can get done each day with the bigger, more powerful 800 Ford Tractors. They pull three plows with ease under most conditions. But in addition, you'll find they deliver far more performance than you would normally expect from three-plow tractors . . . real money-making performance!

If your soil conditions call for more power, you'll find the new 800 Ford Tractors will meet your needs. For besides having more power than any previous Ford Tractors, they also have stepped-up lugging ability—they "hang right in there" on tough pulls. This is power that can help lick tough soil conditions, and make field work far easier on difficult land.

If manpower is a problem and you would like to get more work done with less hired labor, then you'll want to consider the 800 Ford Tractors. By pulling three plows instead of two, you can do six days' plowing in four. Time on other heavy jobs can be reduced accordingly. In a year's time you'll cut labor costs substantially with a faster working 800 Ford Tractor!

*Watch the work fly!*

**On the drawbar . . .** When you hitch an 800 Ford Tractor to a heavy load, you'll find out how much its extra power really means. You'll handle your heavy work far easier than was ever before possible with a Ford Tractor. And, you'll move along at a time-saving pace.

**On the PTO . . .** Probably nowhere does extra power pay off more than on heavy PTO jobs. And here's where the 800 Ford Tractor comes through with flying colors. Ford's improved live power take-off pays off in *extra* performance, nearly equal to an extra engine!

**On the belt . . .** Smooth power—and plenty of it! That's what you need for belt work, and that's what you get with an 800 Ford Tractor. It's easy to get the belt speed you want with Ford's Proof-Meter. Then depend on Ford's "Red Tiger" 800 engine to *hold* that speed!



# FULL 2-PLOW TRACTOR

## Ample power for most farm jobs...economical, too!

If you farm larger acreages, here's the ideal second tractor. The new 600 Ford Tractor pays off as a second tractor because of the wide variety of farm jobs it can handle at low cost. A long line of low cost, quick-attached, hydraulically operated tools turn its power into profit. Although it may be the second tractor in *size* on larger farms, the 2-plow size Ford Tractor has proved to be the first tractor in *usefulness!*

If you farm smaller acreages, and do most of the work yourself, you will doubly appreciate the versatility of the 600 Ford Tractor. It helps you get far more work done in less time and with less effort. Yet, for all it can do, the 600 Ford Tractor is priced low and is economical to operate.

No other tractor has won the favor of farmers everywhere like the 2-plow size Ford Tractor. The new 600 tractors have all the advantages that have made previous Ford Tractors so popular, *plus* 31 step-ahead improvements . . . improvements that make the 600 Ford Tractors the finest ever in the 2-plow class!

**In the field . . .** the 600 Ford Tractor gives you built-in traction. The weight of mounted tools adds traction to the tractor's rear wheels. On tough pulls, increased down pressure transfers to the rear wheels, too, producing extra traction *automatically!*

**In the barnyard . . .** the 600 Ford Tractor "fits in" on more chore jobs. It's compact to work in tight places, and it's easy to maneuver. All kinds of tools for barnyard jobs can be attached quickly, and Ford's hydraulic power does your heavy lifting for you!

**And all around the farm . . .** you can use the Ford Tractor to dig post holes—fill gullies—clean ditches—saw cordwood—clear brush—level fields—subsoil—clear snow and handle many more farm-improvement and soil conservation jobs quickly and easily.



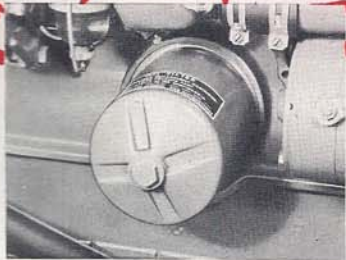
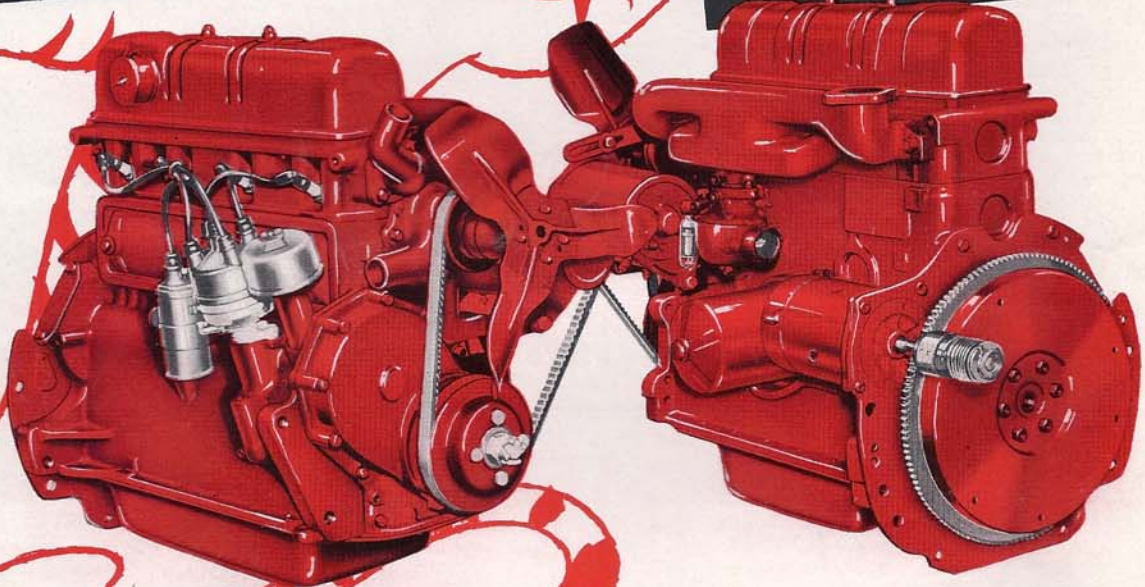


# FORD'S advanced "RED

power

"RED TIGER"  
800 engine  
with 30%  
More Power

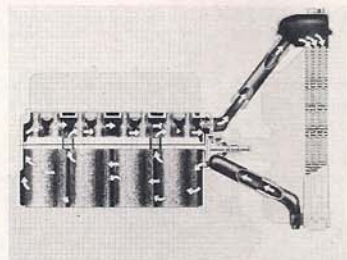
"RED TIGER"  
600 engine  
with  
New Features



**Full-Flow Oil Filter** — all of the oil is filtered every trip through the engine for increased engine life.

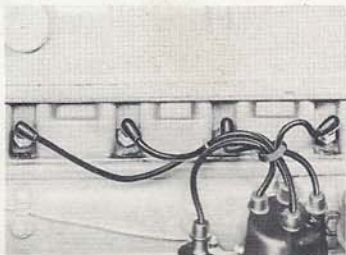


**Fast-Acting Governor** mounted directly on crankshaft for instant response. Fully lubricated, completely sealed.

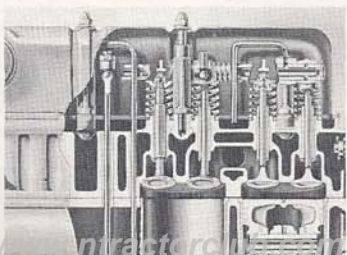


**Improved Cooling System** with new 3-blade fan and water pump. Greater cooling efficiency, quieter operation. Pressurized.

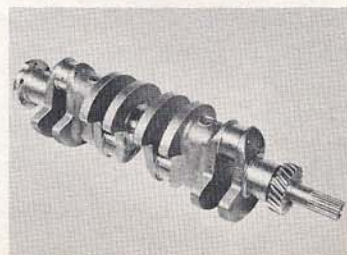
**Weatherproofed Ignition** means easier starts on damp mornings. Terminals, lead wires and distributor are sealed.



**Freely Rotating Exhaust Valves** — For even wear that maintains compression. Less chance of valve sticking.



**Balanced Crankshaft** — Precision molded, balanced in motion. Less wear, vibration and power loss. Smoother operation.





# TIGER<sup>™</sup> ENGINES

## the new 800 and 600 series tractors

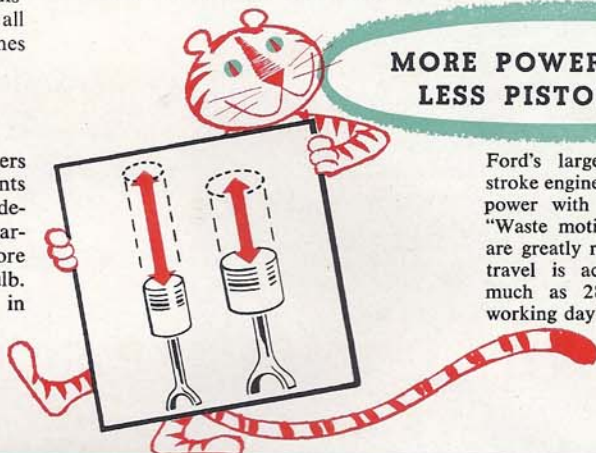
- LARGE BORE
- SHORT STROKE
- QUICK RESPONSE
- MORE POWER
- LESS FRICTION
- SAVES FUEL

Ford's new and far advanced "Red Tiger" engines set a new high in performance! Here's what we mean:

Ford's new, more powerful, "Red Tiger" 800 engine powers the 3-plow series tractors. This super-powered engine is 30 percent more powerful than any previous Ford Tractor engine. Its increased power comes chiefly from the larger piston displacement and a higher compression ratio. It has all the features for which Ford's "Red Tiger" engines are famous, plus many new improvements.

Ford's famous "Red Tiger" 600 engine powers the 2-plow series tractors. Noteworthy advancements in this proved engine increase its performance, dependability and economy even further. A new carburetor — a higher capacity water pump — a more efficient fan — an easier-to-clean sediment bulb. These are among the step-ahead improvements in the advanced "Red Tiger" 600 engine.

**Extra Lugging Power** — When a Ford Tractor engine begins to slow down under a heavy load, its pulling power increases. That's why a Ford will pull through where other tractors often drag down and stall. Best of all, this pulling power is delivered over an exceptionally wide range of engine speeds. It means that power stays up when speed slows down!



### MORE POWER WITH LESS PISTON WEAR

Ford's large bore, short stroke engines deliver more power with every stroke. "Waste motion" and wear are greatly reduced. Piston travel is actually cut as much as 28 miles in a working day!

## NEW 5-SPEED TRANSMISSION\* gives you a wide range of working speeds

PRECISION CULTIVATING → DOZING → PLOWING → ROTARY HOEING → HAULING →



SPEED RANGE (MPH)

The right combination of speed and power for any job — that's what Ford's new 5-speed transmission means to you! Here's a wide speed range to fit all farm operations — from less than 2 mph for precision cultivating and other jobs, to over 15 mph for road travel. Best of all, a new, con-

venient vertical type gear shift lets you change speeds smoothly and easily. Think how much time you can save — how much better job you can do — with a new Ford Tractor that delivers the power and speed you need to handle every farming job!

\*Standard on all new Ford Tractor models except model 640 (4-speed transmission)

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



# HANDY remote power

## for pull-type implements

Combines, corn pickers, wheel type discs, forage harvesters, grain drills, balers — all types of pulled equipment can be operated *hydraulically* with Ford Tractor's remote cylinder unit.\* Quickly attached to any current model Ford Tractor. Double acting cylinder has adjustable stop. And you can get the action you want . . . fast, slow or automatic stroke cycle. Here's ideal control for all pull-type tools!

## SELEC-TROL gives you two-way hydraulic power!


Ford's exclusive Selec-Trol doubles your tractor's usefulness. You can easily direct hydraulic power to either front or rear mounted tools.

\*Hydraulic equipment described here is sold separately.


# FORD'S HY DOES *more*


To find out how much more you can do

hydraulic speed for plowing. With Ford

a lever  and the plow raises h

thanks to Ford's fast road gear. Set the

draft control for irregular surface 

easily  from the tractor seat. T


automatically.  You regulate pl

lever. The same lever raises and lowers

of other jobs easier, too, with Ford's hy

wet spots  to keep from mi

automatically! Ford Tractor hydraulic

attach cultivators fast  swi

when you're mowing — gives instant li

hydraulic power you can do more wor

# NEW LIVE power take-off

operates from the  
regular clutch pedal

Ford's new Live Power Take-Off steps up performance of your PTO-driven machines like never before! It saves time and means safer operation, too. The regular clutch pedal controls both the tractor and the machine. Just press the clutch pedal half way down and you stop the tractor — your PTO-driven machine continues to operate. Press the clutch all the way down and the PTO-driven machine stops. Just think! No gear shifting, not even a lever to move! With Ford just *one* foot, *one* pedal gives you complete control!

**one foot...**

**one pedal...  
DOES BOTH!**

**Stops tractor**

**Stops P.T.O.**

**and tractor**




\*\*Standard equipment on 660 and 860 Ford Tractors. Models 640, 650, and 850 equipped with transmission PTO.





# HYDRAULIC SYSTEM

## More FOR YOU


So, let's go plowing! First, set the handy Hy-Trol lever  to the proper

3-point hitch  you hook up in less than 60 seconds. Now just touch  hydraulically, "rides" to the field. You get to the field sooner 

Selector lever  to get the plowing action you want . . . either constant


or implement position control for level fields.  The plow levels


when turn easy-adjusting top link  to get proper "suck"; traction increases

plowing depth while on the "go" by nudging the Hydraulic Touch Control 

plow quickly at headlands.  Besides plowing, you do dozens

of things with hydraulic power . . . when discing you can lift discs over grassed waterways or

bring them down. In planting, just raise the planter  and it shuts off

hydraulic power lets you work the rotary hoe deep, shallow or in-between.  You can

switch from haying to cultivating quickly. Instant response protects cutter bar

from lifting off cutter bar over obstructions.  Yes, thanks to Ford Tractor

work is easier . . . and actually feel less tired at the end of a day's work!



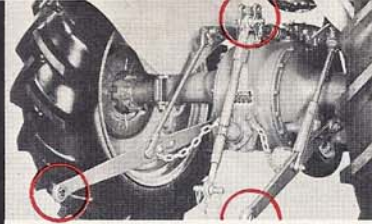
THERE'S  
A LOT  
MORE  
INSIDE  
**FORD**  
TRACTORS

here's your  
chance to  
take a  
**GOOD LOOK—**

**Handy Controls**

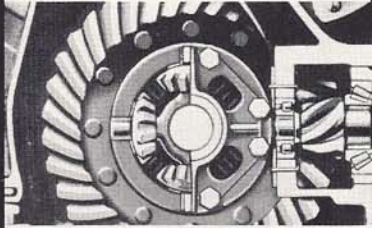
—easy to operate

—and more of 'em  
than any other tractor  
at any price!

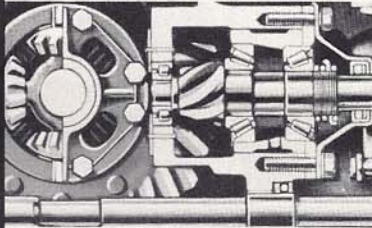


**3-Point Hitch**—you attach mounted implements in less than a minute. Just insert three pins and go!

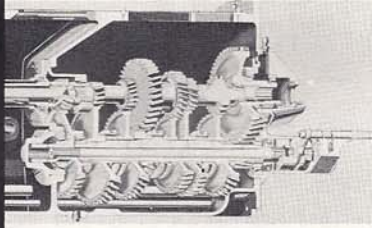
**Built-in Constant Draft and Implement Position Control.** The plowing action you need . . . automatically.



**4-Spindle Differential**—Provides greater strength, greater durability for smoother operation.



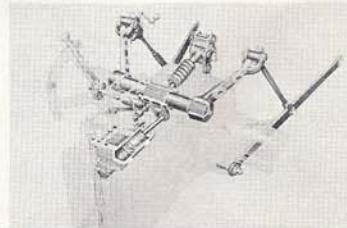
**Straddle-Mounted Final Drive Pinion**—strong, sturdy mounting. All gears are precision machined.



**Constant Mesh Transmission**—Silent running gears for longer life. Smooth, easy gear shifting.

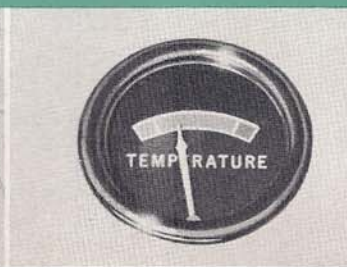


**Live Action Hydraulic System**—Lines and valves always filled. No waiting for action, no time lag.

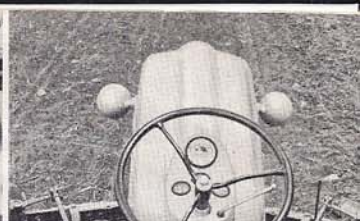
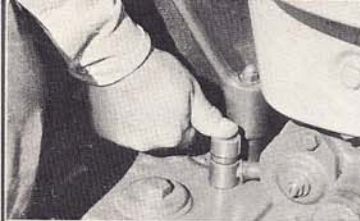


Ford's Famous Proof-Meter

Easy-To-See Temperature Gauge





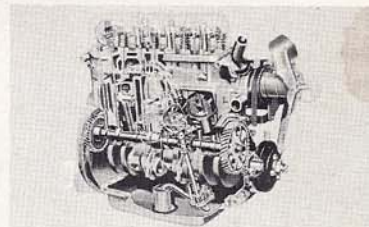
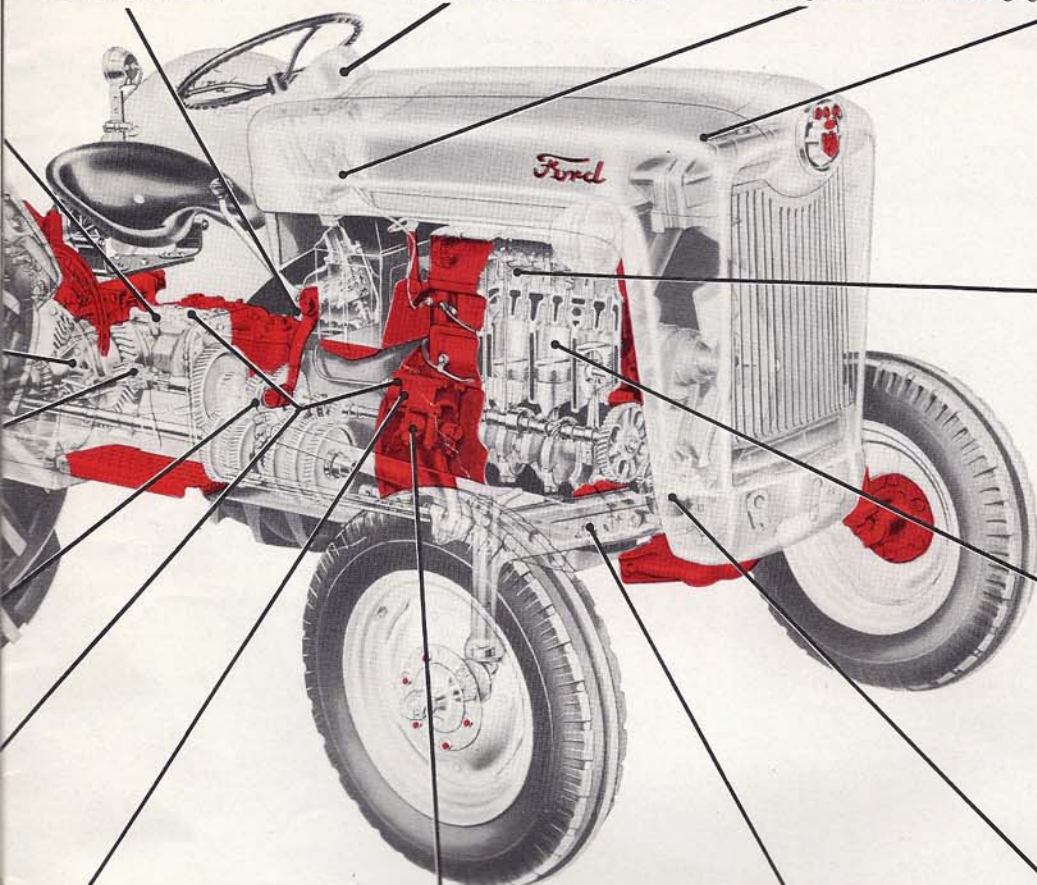


**Safety Starter** — Tractor must be in neutral before starter will operate. A great safety feature!

**Quick-Glance Instrument Panel** — It's right before your eyes. Includes temperature and ammeter gauges.

**Automatic Voltage Regulator** — Helps maintain proper battery charge. Protects generator from overcharging.

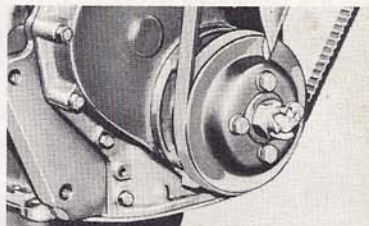
**Streamlined Row-Vision Hood** — You can see rows on both sides without moving your head.



**Overhead Valve Engine** — Large bore, short stroke design with extra power, less friction and wear.



**Dry Cylinder Sleeves, Centrifugally Cast Alloy** — Longer wearing. Stronger block — no seal to leak.

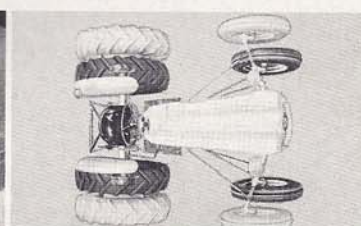
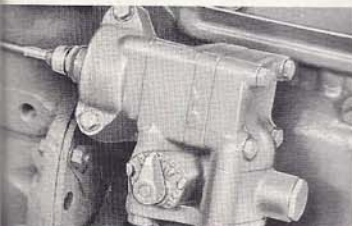


**Front End Drive Adaptor** — Install power shafts in minutes for front end drive to power front end tools.

**Constant-Running Hydraulic Pump** — Hydraulic system operates whenever engine is running.

**Hy-Trol** — You choose the hydraulic speed to fit your job. Just set lever to any of 5 positions.

**Adjustable wheel spacings** — To work in row width from 52 to 76 inches. Adjustable in 4 inch steps.

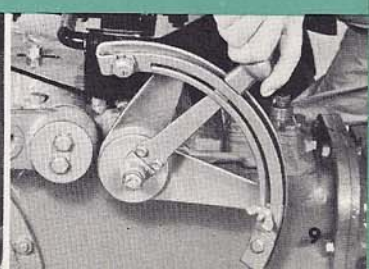
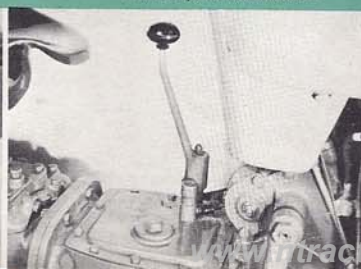


**Convenient Throttle**

**New Vertical Type Gear Shift\***  
\*With 5-speed transmission

**Positive, Easy-To-Operate Clutch**

**Hydraulic Touch Control Lever**



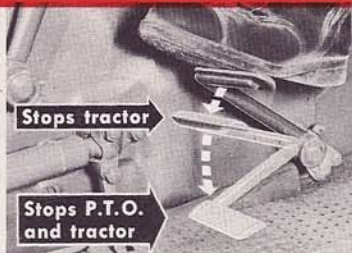


NO OTHER TRACTORS GIVE YOU ALL THESE FEATURES

...THEY'RE **standard** ON **FORD** TRACTORS!



**4-Wheel Stability**—Here's extra stability, ease and accuracy of steering that only wide-spaced front wheels can give. Front and rear treads adjustable from 52 to 76 inches to fit row crops.



**Stops tractor**

**Stops P.T.O. and tractor**

**Power Take-Off**—New clutch-operated Live PTO on 660 and 860 model Ford Tractors. Transmission PTO on 640, 650 and 850 models. ASAE PTO standard conversion assembly, sold separately.



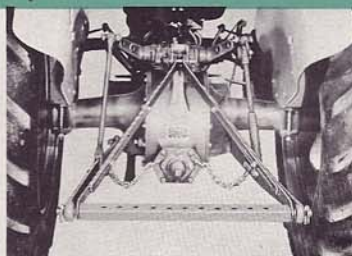
**Headlights and Tail Light**—You don't have to stop work when the sun goes down, or worry about traveling on the road after dusk. Handy connection for trailer lights, too. Implement light sold separately.



**Rest-O-Ride Seat\*\***—Soaks up vibrations, giving you a more comfortable ride. You "float" on a cushion of rubber—smooth riding and restful. Seat action is adjustable to your weight.



**Front PTO, Quick Attached**—Quick, easy attaching of front end driven machines such as sprayers, hydraulic pumps and many others. Power shaft installed in minutes, runs continuously.



**Adjustable Height Drawbar**—Can be raised or lowered at a touch of the Hydraulic Touch Control lever to give proper pulling height for implement being used. Wide choice of hitching positions (11 holes).



**Automotive-Type Steering**—Recirculatory ball nut steering gives positive steering control with much less effort. Makes for easy steering even over rough ground. You'll feel better after a long day's work.

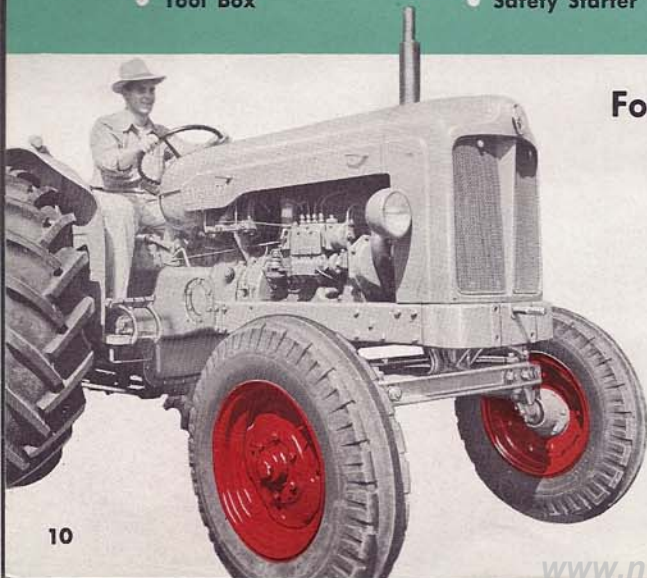


**New 14-inch Brakes**—Larger diameter brakes have greater braking ability, are far safer, make turning easier. Good control, fast acting, easy to operate, longer wearing. Quick, easy adjustment.

\*\*Standard on 800 Series Tractors, available at extra cost on 600 Series Tractors.

all these are **STANDARD**, too!

- Rear Power Take-Off
- Easy On and Off Design
- Tool Box
- Scalloped Wheels — Chains quickly attached
- Safety Starter
- Full-Length Inspection Door on Hood
- Ignition Key Lock
- Reserve Fuel Tank
- Easily Removable Grille



For diesel power that costs you less—

## FORDSON MAJOR DIESEL

For money-making *diesel* farming, you'll want to see and drive the Fordson Major Diesel. Then compare the Fordson Major with other diesels for features and see how much more you get—built-in hydraulic system, 3-point hitch, 6-speed transmission and much more. Compare the Fordson Major with other diesels for low cost—you'll find that this full 3-plow diesel actually costs hundreds of dollars less\* than other diesels with comparable power and equipment.

\*Based on comparison of suggested list price F.O.B. port of entry and competitive suggested list prices F.O.B. factory.





# SPECIFICATIONS



## 800 series FORD TRACTORS

**MODEL 850** — 172 Cu. In. Engine • 5-Speed Transmission Single 10" Clutch • Rest-O-Ride Seat.

**MODEL 860** — 172 Cu. In. Engine • 5-Speed Transmission Double 9" Clutch • Live Power Take-Off • Rest-O-Ride Seat.

**REGULAR EQUIPMENT:** 12 x 28 rear tires, tread adjustable from 52" to 76" in 4" increments; 6:00 x 16, 4-ply front tires, tread adjustable from 52" to 76"; safety starter; key ignition; two sealed beam headlights; red tail light with trailer light connection; enclosed hydraulic mechanism with Constant Draft and Implement Position Control and constant running engine driven positive displacement vane type pump; battery; generator; voltage and current regulation; thermostat; oil pressure gauge; ammeter; temperature gauge; Proof-Meter; oil bath air cleaner; full-flow oil filter; adjustable drawbar; drawbar stays and adjustable top link; fenders; muffler; tool box.

**ENGINE:** 4 cylinder, overhead valves, gasoline. Compression ratio — 6.75:1, displacement — 172 cu. in., bore — 3.9", stroke — 3.6".

**TRANSMISSION:** Constant mesh (see model specs. above).

**CLUTCH:** Foot operated (see model specs. above).

**STEERING:** Automotive type ball-nut gear.

**COOLING SYSTEM:** Tube and fin type radiator with pressure type cap. Impeller type water pump with pre-lubricated bearing. 3-blade fan, 15.687" to 15.812" diam. System capacity — 15 Qts.

**FUEL TANK CAPACITY:** 14 gal. including 1-gal. reserve tank.

**OVER-ALL MEASUREMENTS:** Wheelbase at 52" tread — 75<sup>3</sup>/<sub>16</sub>"; max. height — 59<sup>3</sup>/<sub>16</sub>"; max. length — 121<sup>7</sup>/<sub>16</sub>"; max. width at 52" tread — 64<sup>3</sup>/<sub>4</sub>"; max. width at 76" tread — 91<sup>1</sup>/<sub>4</sub>".

**SHIPPING WEIGHT:** Approx. 2960 lbs.

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

## 600 series FORD TRACTORS

**MODEL 640** — 134 Cu. In. Engine • 4-Speed Transmission Single 9" Clutch.

**MODEL 650** — 134 Cu. In. Engine • 5-Speed Transmission Single 10" Clutch.

**MODEL 660** — 134 Cu. In. Engine • 5-Speed Transmission Double 9" Clutch • Live Power Take-Off.

**REGULAR EQUIPMENT:** 11 x 28 rear tires, tread adjustable from 52" to 76" in 4" increments; 5:50 x 16, 4-ply front tires, tread adjustable from 52" to 76"; safety starter; key ignition; two sealed beam headlights; red tail light with trailer light connection; enclosed hydraulic mechanism with Constant Draft and Implement Position Control and constant running engine driven positive displacement vane type pump; battery; generator; voltage and current regulation; thermostat; oil pressure gauge; ammeter; temperature gauge; Proof-Meter; oil bath air cleaner; full-flow oil filter; adjustable drawbar; drawbar stays and adjustable top link; fenders; muffler; tool box.

**ENGINE:** 4 cylinder, overhead valves, gasoline. Compression ratio — 6.6:1, displacement — 134 cu. in., bore — 3.4375", stroke — 3.6".

**TRANSMISSION:** Constant mesh (see model specs. above).

**CLUTCH:** Foot operated (see model specs. above).

**STEERING:** Automotive type ball-nut gear.

**COOLING SYSTEM:** Tube and fin type radiator with pressure type cap. Impeller type water pump with pre-lubricated bearing. 3-blade fan, 15.687" to 15.812" diam. System capacity — 15 Qts.

**FUEL TANK CAPACITY:** 11 gal. including 1-gal. reserve tank.

**OVER-ALL MEASUREMENTS:** Wheelbase at 52" tread — 75<sup>3</sup>/<sub>16</sub>"; max. height — 58<sup>3</sup>/<sub>4</sub>"; max. length — 121<sup>7</sup>/<sub>16</sub>"; max. width at 52" tread — 64<sup>3</sup>/<sub>4</sub>"; max. width at 76" tread — 89<sup>3</sup>/<sub>4</sub>".

**SHIPPING WEIGHT:** Approx. 2800 lbs.

## extra equipment (Sold separately)



**New "Tailored Traction"** — With easy-on, easy-off wheel weights, you can have just the traction you need — just right for heavy jobs like plowing — for lighter jobs like cultivating — individual weight sections can be attached to or detached

from the rear wheels as the job requires — up to 12 sections per wheel. Total weight added can be as much as 530 pounds per wheel.

**Heavy Steel Bumper** — Easily bolted to front axle. Protects radiator grille. Hitch on bumper lets you pull loads with chain, cable or rope.

**Power Take-Off Pulley Assembly** — Unit is easily attached to rear of differential housing. Pulley works in right, left or down position.

**ASAE PTO Conversion Assembly** — Converts the Ford

Tractor's PTO to meet A.S.A.E. standards.

**Selec-Trol Valve** — For operation of both Standard Front End Loaders and rear-mounted tools from built-in hydraulic system.

**Remote Hydraulic Unit** — Includes control valve and operating lever, A.S.A.E. double-acting cylinder, break-away coupling and hoses.

**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 lifting action of the hydraulic mechanism. Quickly and easily attached to the tractor.

**Tire Pump and Gauge** — Uses engine compression to bring the convenience of filling station air to your farm.

**Implement Light** — Kit has own switch and flood lamp.



Rotary Cutter

Economy Plow, 2-bottom

Loader

Disc Plow

Crane

Field Cultivator

Rotary Hoe

Taylor Disc Tiller

Scoop

Rear Mounted Mowers

Adjusto-Flex Disc Harrow

Bush and Bog Harrow

Rigid Shank Cultivator

Economy Blade

Post Hole Digger

Post Driver and Breaker

Danuser Blade

Fold-Over Disc Harrow

Spring Tooth Harrow



Rear Mounted Loader



Economy Plow, 3-bottom



One-Way Plow



Subsoiler



Economy Plow, 1-bottom



Cordwood Saw



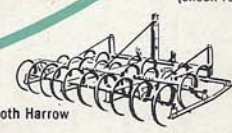
Spring Tooth Cultivator



Middlebuster



Planters  
(check row, drill, hill drop)



for  
MONEY-MAKING  
FARMING —

# FORD TRACTOR *Quick-attached* EQUIPMENT

Get the story first hand — get a demonstration on your farm

