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January 1958

Advertising Brochure: Ford Workmaster

Nebraska Tractor Test Lab

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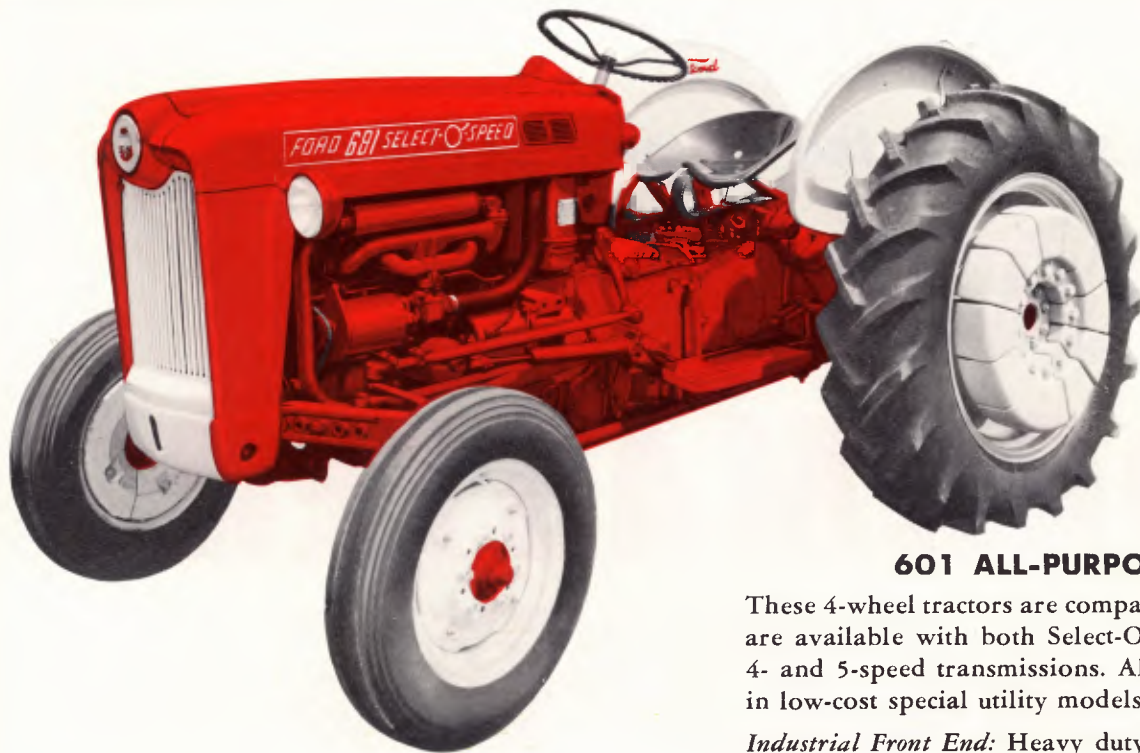
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*today's best buy in the **2-3** plow power class*

FORD **WORKMASTER** **TRACTORS**



*Including Ford's new **SELECT-O-SPEED** models*



601 ALL-PURPOSE SERIES

These 4-wheel tractors are compact and maneuverable, and are available with both Select-O-Speed and conventional 4- and 5-speed transmissions. Also in fully equipped and in low-cost special utility models.

Industrial Front End: Heavy duty axle and heavier clutch, is a factory installed option.

THE WORKMASTER SERIES



DUAL
FRONT WHEELS



SINGLE
FRONT WHEEL



WIDE ADJUSTABLE
FRONT AXLE

701 ROW CROP SERIES

Available with your choice of front ends, this tractor is well suited for any kind of row crop work. Power steering is standard equipment. Four-speed and Select-O-Speed transmissions.

541 OFFSET MODELS

Offset for convenient 1-row work, yet 2-3 plow power to handle wide variety of other farm jobs. Has Ford's standard 3-point linkage for use with big line of "pick-up and go" implements. Available in 2 types—regular and high clearance.

**YOU'LL BE
FAR AHEAD
WITH A
FORD
WORKMASTER
TRACTOR**

Wherever your requirements call for economical 2-3 plow power, you'll like the performance of a *Workmaster Ford!* Compact and maneuverable, these tractors are built with many outstanding features for your comfort, convenience and safety. These features, combined with efficient 2-3 plow power, result in dependable performance to handle a wide range of jobs with ease. Try a Ford Workmaster tractor and you'll see how it can help you to farm better at lower cost, how it can make your over-all farm operation more profitable.

NEW! 2-3 Plow Ford Diesels!

Now you can get the performance and versatility for which Fords are famous *plus* the economy of diesel operation in Ford's new 601 and 701 series diesels.

finger-tip power shifting while on the go!

**with FORD'S NEW
SELECT-O-SPEED
models**

You don't need a clutch . . . just a light finger touch!
Shift throughout entire range of speeds—10 forward, 2 reverse—while *on-the-go* and under load.

You'll reduce time wasting stops and put more "go" into your farming with Ford's new Select-O-Speed. Yes, a light touch on the Selector lever is all you need to shift to any gear—at any time! And the wide range of overlapping speeds—from as low as .6 mph up to 18 mph—provides outstanding efficiency for any job. The input shaft of the Select-O-Speed transmission is connected directly to the engine flywheel—there is *no fluid coupling, no power loss through slippage.*

Here's What Select-O-Speed Can Mean to You

Increased work capacity—You'll be able to handle heavier jobs because of the ease with which you can shift down to increase drawbar pull without stopping. For example, you can *double* your pulling power by shifting from 6th to 4th gear. Shifting from 10th to 4th gear increases drawbar pull by 800 per cent!

You can do *more work* than you can with any other transmission on a comparable tractor! Because you never have to stop to change gears, you can frequently operate in a higher gear by starting in a lower gear, and then shifting up without losing momentum. You also save time on headlands and in transport.

Increased operating efficiency—You can often do the work at far less cost with a Ford Select-O-Speed tractor because of its ability to get maximum productivity out of tractor and any matching implement combination. *On-the-go* shifting also enables you to keep the load on the tractor matched more precisely with the engine's power for peak operating efficiency.

More Operator comfort—less fatigue—Smooth, easy operation with fewer stops and starts, no clutching or mechanical shifting, will leave you more relaxed after a day's work. And you can shift standing or sitting.

Powered with **FORD'S** power

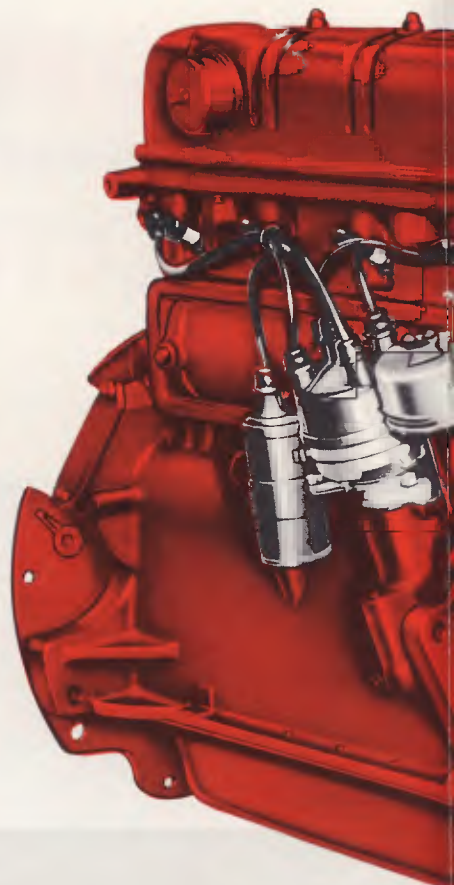
DEPENDABLE • ECONOMICAL • EFFICIENT

Here's the economical 134 cu. in. Ford Red Tiger engine that's proved its outstanding performance on hundreds of different job requirements. Its large bore, short stroke design delivers lots of power with minimum piston travel . . . less friction and wear, lower operating costs.

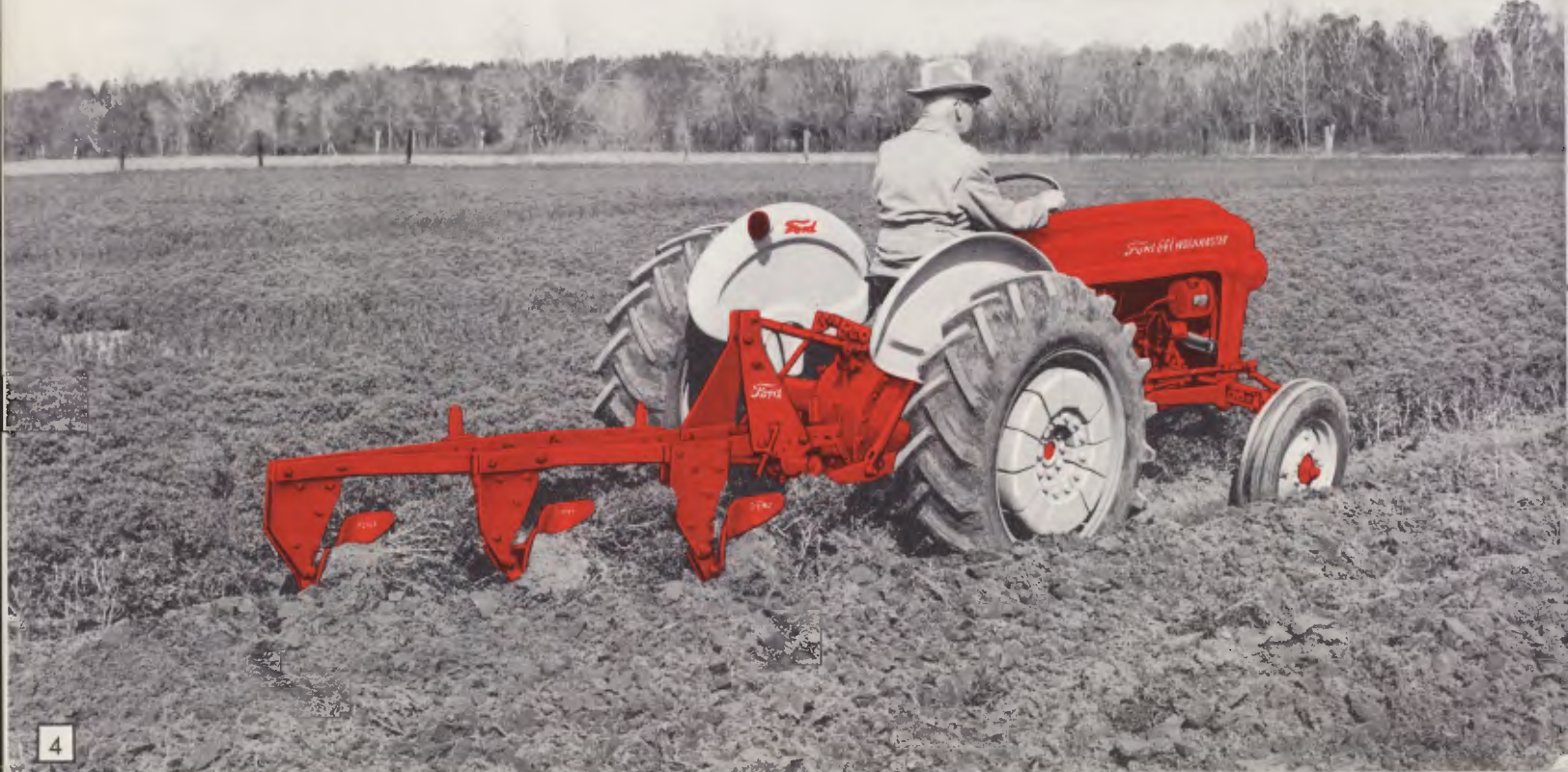


Also available for LP-Gas

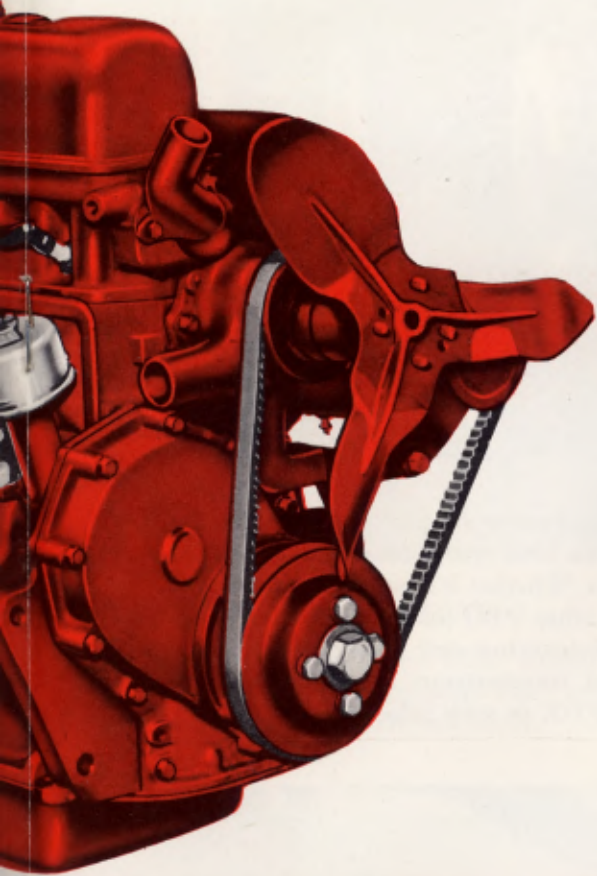
This same engine, factory equipped for using LP-Gas fuels, is available on all models of Ford Workmaster tractors. Equipment is specifically engineered for the engine to provide maximum operating efficiency and economy under all kinds of operating conditions.



YOU'LL LIKE FORD'S FAMOUS



oved **"RED TIGER" ENGINE**



- **FREELY ROTATING EXHAUST VALVES** wear evenly, maintain compression longer.
- **ALUMINUM PISTONS** are light in weight and have controlled expansion for better performance.
- **BALANCED CRANKSHAFT** is precision molded and balanced in motion for less wear and vibration.
- **FAST-ACTING GOVERNOR** is mounted directly on crankshaft for instant response.
- **WEATHERPROOF IGNITION** means easier starting on damp mornings.
- **FUEL SAVER CARBURETOR** delivers efficient fuel mixtures at all speeds.
- **PRESSURE OIL SYSTEM** provides complete engine lubrication at all speeds.
- **EFFICIENT PRESSURIZED COOLING SYSTEM** permits high temperature operation without boiling. This controlled higher temperature increases engine efficiency. Big capacity radiator, fan and water pump maintain proper cooling under light or heavy loads.

S Combination of 3-point linkage and live hydraulic control!

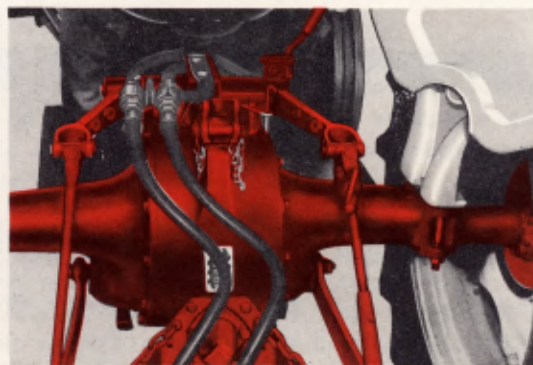
It's easy to attach any of Ford's *big* family of "pick-up-and-go" implements to the 3-point linkage of a Ford tractor. Then, a touch of the hydraulic control lever quickly raises or lowers the implement, or adjusts it for working depth. This results in convenient, time-saving transport, operation and storage for easier, better and faster farming.

CONSTANT DRAFT CONTROL

You have a choice of hydraulic action in a Ford tractor. When in *constant draft control*, implement is automatically controlled to provide uniform draft in varying soil conditions.

IMPLEMENT POSITION CONTROL

In this position, the hydraulic system maintains a constant implement position with respect to the tractor, provides uniform working depth in level land, regardless of variations in soil structure and conditions.



REMOTE HYDRAULIC CONTROL

Both single and double acting remote hydraulic cylinders are available (accessories) for use with Ford hydraulic system.



and you'll like the
POWER TAKE-OFF
 performance of a
FORD WORKMASTER TRACTOR

You will really appreciate the performance of one of these tractors when used with today's modern PTO-operated machines. Whether it's baling, combining, or any of numerous other PTO jobs, you'll find that you have plenty of efficient, low-cost power with either 4-speed tractor and transmission type PTO, 5-speed tractor with live PTO, or with Select-O-Speed.

with **SELECT-O-SPEED**
 . . . today's **MOST VERSATILE PTO!**
it's completely independent

You can engage or disengage the PTO on a Ford Select-O-Speed tractor while *on-the-go*. A light pull or push on the control is all that's required. Handle can be eased out to engage PTO with a gradual feathering action.

Yes, here's new convenience, new versatility, and new performance that will help you to do your PTO jobs faster and better, and with less fuel than ever before. You can shift up or down "on-the-go" to match ground speed to crop or field conditions without interrupting the speed of the PTO. You can also disengage the PTO while turning at the end of the field, then re-engage upon re-entering the field, all without ever having to stop. This permits you to keep your machine operating at full capacity more of the time for greater over-all efficiency of both tractor and PTO-driven machine.



ALSO AVAILABLE WITH 2 PTO SPEEDS— 540 AND 1000 RPM

Ford Select-O-Speed tractors are available with PTO speeds of 1000 rpm in addition to the currently used 540 rpm. Both types of PTO drive shafts are included, and you can select the speed by simply moving a lever.

GROUND SPEED is available with the 2-speed PTO to provide a PTO speed in direct relation to your rate of travel, regardless of engine speed.

You'll appreciate the extra comfort and convenience features you get in a

FORD!



REAR WHEEL WEIGHTS

Rear wheel weights for Ford Workmaster tractors are made in 30-pound segments. Each wheel takes up to 12 of these easy-to-handle segments.



COMFORTABLE POSITION IN SEAT

Your position in the seat of a Ford tractor is comfortable and relaxing. The position and angle of the steering wheel are such that your hands and arms remain in a restful, natural position.

EASY TO GET ON AND OFF

Open design and wide, low step plates help to take the inconvenience out of getting on and off the tractor. There's no climbing over hitches, no scraped shins.

Easy to handle VARI-WEIGHTS

Ford weights come in *easy on*, easy off segments that are convenient to handle. One man can attach them without heavy lifting or straining, and without use of a hoist. When properly used, these weights can help you to take full advantage of the tractor's power without the necessity of having to carry around a lot of extra built-in weight when not needed.



FRONT WHEEL WEIGHTS

Front wheel weights are also easy to handle. They're made in 50-pound segments, 2 to a wheel.

FRONT WEIGHT BOX

Holds up to six 48-pound segments for adding weight to front of tricycle type row crop tractors.

- **PROOF-METER**—Lets you tell at a glance engine speed, hours worked, travel speed, proper engine speed for PTO or belt pulley work.
- **POWER STEERING**—Standard on row crop models, optional on others.
- **POWER ADJUSTED REAR WHEELS**—Optional on all models.
- **SWINGING DRAWBAR**—Provides good maneuverability and easy turning with pull type implements.
- **POWERFUL BEAM HEADLIGHTS**—Concentrated narrow beam gives far-reaching visibility at night.
- **SAFETY STARTER**—Ignition key must be "on" and tractor in neutral ("park" on Select-O-Speed models) before engine can be started.
- **DEPENDABLE OVERSIZE BRAKES**—Provide quick-action braking for maneuverability and safety.

FORD WORKMASTER TRACTORS

SPECIFICATIONS

SPECIFICATIONS FEATURES • EQUIPMENT	SELECT-O-SPEED				MODELS WITH CONVENTIONAL TRANSMISSION					
	ALL PURPOSE			ROW CROP*	ALL PURPOSE					ROW CROP*
	611	671	681	771	621	631	641	651	661	741
Proof-Meter	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Tools & Box	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Lights	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Rest-O-Ride Seat	No	No	No	Yes	No	No	No	No	No	Yes
PTO (1 Speed, 540 rpm)	Opt.	Yes	No	Yes	Opt.	Opt.	Yes	Yes	Yes	Yes
PTO (2 Speed, 540 & 1000 rpm)	No	No	Yes	No	No	No	No	No	No	No
PTO (Ground Drive)	No	No	Yes	No	No	No	No	No	No	No
Hydraulic System and 3-point linkage	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Fuel Tank Capacity, Gal.	13	13	13	13	13	13	13	13	13	13
Rear Tires**	10"	11"	11"	11"	10"	10"	11"	11"	11"	11"
Rear Wheel Spacings, Ins.	48-76	52-76	52-76	56-84	48-76	48-76	52-76	52-76	52-76	56-84
Power Adjustable Rear Wheels	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.	Opt.
Power Steering	Opt.	Opt.	Opt.	Yes	Opt.	Opt.	Opt.	Opt.	Opt.	Yes
Approx. Working Wgt., lbs.***	4,483	5,034	5,044	5,603	4,327	4,464	4,844	4,930	4,944	5,453

*All row crop models are available with dual front wheels, wide adjustable front axle or single front wheel.

**11" rear tires optional on models 611, 621 and 631.

***With full complement of front and rear wheel weights, and with 90% Calcium Chloride fill in tires. LP-Gas equipment adds approximately 100 pounds of weight.

Standard Equipment on All Models: Safety starter, key ignition, battery, generator, voltage and current regulator, oil pressure gauge, fuel gauge, generator warning

light, thermostat, oil bath air cleaner, full flow oil filter, fenders, muffler, temperature gauge (all except 611, 621 and 631).

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

SEE YOUR FORD TRACTOR AND IMPLEMENT DEALER

Let him give you more information on this outstanding line of Ford tractors. Drive a new Select-O-Speed model and you'll see why it's so far ahead. Convenient credit terms available.

You get a lot more for a lot less!

FORD

