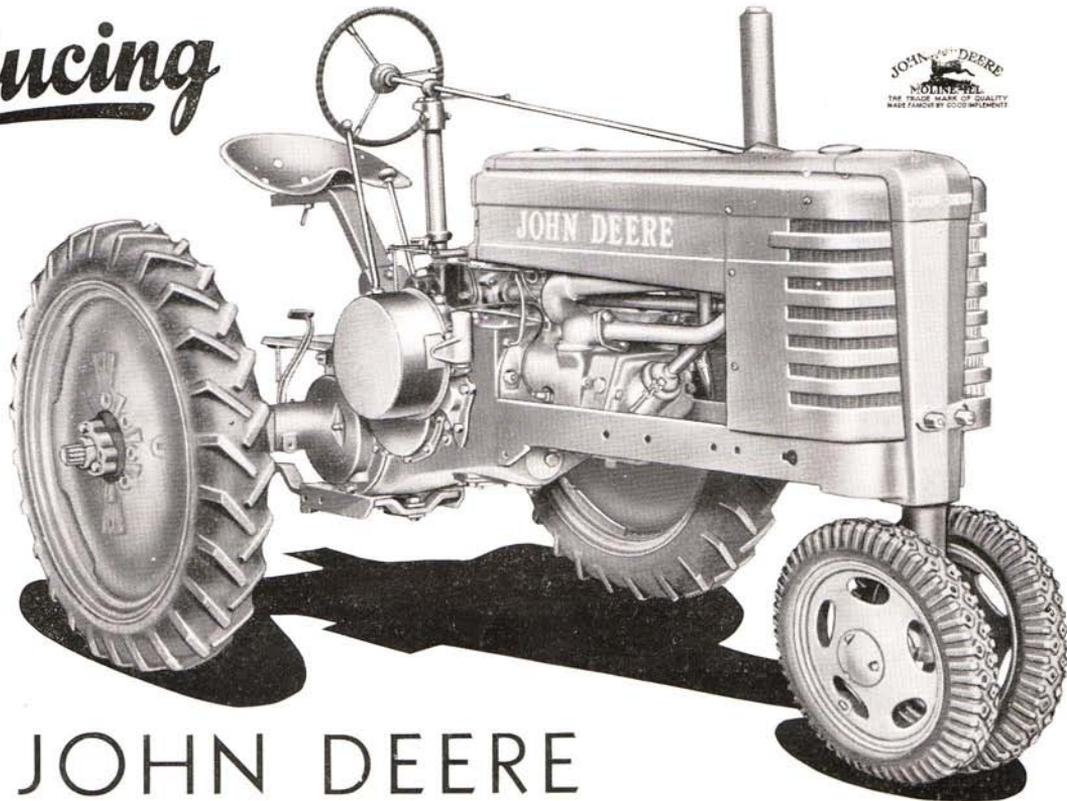


Introducing



the New JOHN DEERE MODEL "H"

**—the Tractor That Handles Every Power Job
on the Small Farm with Outstanding Economy**

NOW, for the first time in the history of agriculture, a practical general purpose tractor of the tricycle type is available for the small-acreage farm—the new John Deere Model "H".

Powered with the same type of two-cylinder engine and incorporating the same practical advantages that have made the larger John Deere General Purpose Tractors famous, *the new Model "H" handles every job within its power range at rock-bottom cost.*

If yours is a small farm, the Model "H" will replace your horses and give you the same time-, labor-, and money-saving advantages that your neighbor with larger acreage enjoys with his two- or three-plow John Deere general purpose tractor.

The Model "H" pulls one 16-inch plow bottom at 3-1/2 miles per hour, plowing more than 5 acres in a ten-hour day; double-disks (4-1/2-foot) up to 20 acres

a day, and single-disks (8-foot) up to 35 acres. It not only plants but also cultivates your crops *two rows at a time*—gives you the same advantages of rear wheel tread adjustment found in the larger John Deere General Purpose Tractors and necessary to successful operation in row crops.

On the belt, the Model "H" handles a small feed grinder or corn sheller, and it does many odd jobs around the farm such as sawing wood, pumping water, etc.

Equipped with power take-off (special equipment), the Model "H" operates a 7-foot power mower, an 8-foot power grain binder, or other power-driven machines requiring proportionate power.

The Model "H" has a high road speed of nearly 8 miles per hour, making it an ideal tractor for hauling and for cutting down your working hours in getting you to and from your fields quickly.

Has All of the Famous John Deere

Thoroughly proved in field and laboratory, the new Model "H" has passed every test with flying colors—working in severe field conditions; plowing, planting, cultivating, and harvesting crops in all sections of the country. It's a quality John Deere two-cylinder tractor in every sense of the word, scaled down in size, weight, and price—ready to go to work for you and give you greater efficiency, greater economy on every job.

All-Around Economy

The John Deere Model "H" breaks all previous records for balanced economy in a tractor of equal work output. Its low first cost, low equipment cost, low fuel cost, low maintenance cost, and low depreciation, all combine to make it the first general purpose tractor of tricycle design that meets the economy requirements of the small-acreage farmer.

Two-Cylinder Engine Design

Like all John Deere Tractors, the Model "H" is equipped with a two-cylinder engine, giving you the utmost in simplicity. There are fewer parts to require adjustment and eventual replacement. Maintenance cost is lower—you can do most of your own service work, right on the farm. Parts are heavier, stronger, better able to stand up under the hard strains of farm work.

John Deere two-cylinder engine design, with its short, heated manifold, natural-draft carburetion, crank case ventilation, and thermo-siphon system of automatic engine temperature control enables you to burn distillate efficiently, successfully, and safely.

If yours is a large farm, you'll want the Model "H". On your lighter jobs, it will supplement your larger general purpose tractor, planting or cultivating two rows at a time at a surprisingly low cost.

Throughout the year, the use of the Model "H" will frequently release your larger tractor for the heavier farm jobs.

The engine in the Model "H" is guarded by a forced-pressure lubrication system that is positive and automatic in its operation . . . by an oil-wash air cleaner . . . by an oil filter . . . by a crank case breather and ventilator . . . by a fuel filter . . . and by a complete enclosure of all working parts.

Adjustable Rear Wheel Tread

The Model "H" provides full adjustability of rear wheels for practically all crops grown in rows—44 to 80 inches, with any setting in between. The narrow setting is ideal for plowing, working in narrow crop rows or in the many conditions where a narrow tread is necessary; the wide setting enables you to cultivate corn or other crops grown in wide rows.

Wide Variety of Equipment

In addition to the drawn implements and belt- and power-driven machines, there's a wide variety of integral working equipment available for the Model "H", including one-bottom plows and bedders, two-row cotton and corn planters, variable-row vegetable planters, two-row cultivators, variable-row beet and bean cultivators, and two-row bean harvesters. And, because of its design, you can attach or detach this equipment in a very short time.

Ease of Operation

Only by getting up on the seat and driving the Model "H" will you appreciate its remarkable ease of handling.

Light weight, tricycle design, and a short wheel base, combined with easy steering and foot-controlled differential brakes, enable you to make extremely short turns to right or left (turning radius is less than 7-1/2 feet), to maneuver the tractor in tight corners, and to work close to stumps, trees, or fences.

The irreversible worm and gear prevents backlash and whip of the steering wheel even when operating in rough ground. With foot-controlled differential brakes, you make your turns while *both* of your hands are free to steer the tractor. Brakes are equipped with latches to lock them when working on belt jobs.

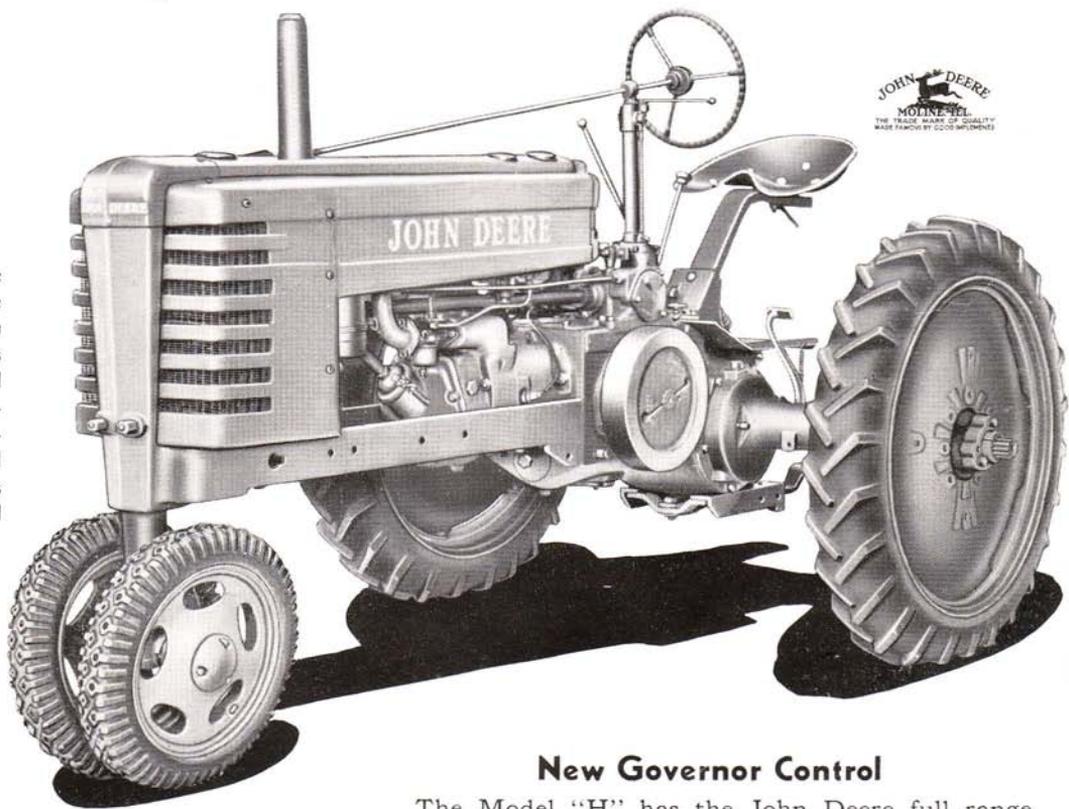
All controls are within easy reach—clutch lever, power shaft lever, hand throttle, foot throttle, gear shift lever, three-way fuel valve, steering wheel, and brakes—yet they are not in the way to hamper the operator in driving the tractor.

The seat on the Model "H" is centrally located—you're up out of the dust where you have a clear,

Get the Feel of the Wheel . . . Ask

General Purpose Tractor Features

Showing a left-hand side view of the John Deere Model "H"—the new tractor that handles all power jobs on the small-acreage farm and the lighter jobs on the large-acreage farm, with outstanding economy. The Model "H" is built for rubber tires only. Has a high road speed of nearly 8 miles per hour.



unobstructed view of the work ahead. The seat is comfortable and has a forward or backward adjustment. A centrally located, roomy platform permits you to stand up easily and naturally.

The Model "H" is equipped with a hand-operated clutch which picks up the load gradually and smoothly, and can be locked in or out. With this type, one man alone, standing on the ground, can couple up the drawn machine to the drawbar.

Unexcelled Vision

Vision, always a feature of John Deere General Purpose Tractors, is outstanding in the Model "H". This new tractor has the same tapered fuel tank, the same narrow design, and the same seat location which places the operator in a commanding position. These features, in a tractor of smaller size, give you greater vision than ever before—there's no need to turn your head to right or left from center in order to see the work you are doing on *either* side of the tractor.

New Governor Control

The Model "H" has the John Deere full range governor which automatically controls the engine at speeds selected by the operator. The hand lever is used for engine control when doing field or belt work, and the new John Deere auxiliary foot control is used for hauling or other operations where greater adaptability and greater flexibility of speeds are required or can be used to advantage.

The increased speed obtained by the foot throttle is not recommended for continuous drawbar work, but can be used to great advantage in getting to and from the field quickly.

Built for Rubber Tires Only

In designing the Model "H" Tractor to be used exclusively with rubber tires, special attention was given to securing the maximum drawbar performance through correct balance of power and distribution of weight for maximum traction. The large-diameter, low-pressure rubber tires give maximum traction and make it possible to utilize all of the power of the engine.

Your Dealer for a Demonstration

Specifications

(Subject to
change without
notice.)

CAPACITY.....Handles one 16-inch plow bottom; 2-row cultivator; 4-1/2-foot double-action disk.

SPEED:

First.....2-1/2 M.P.H.
Second.....3-1/2 M.P.H.
Third.....5-3/4 M.P.H.
Reverse.....1-3/4 M.P.H.
(Road speeds up to 7-1/2 M.P.H. at 1800 R.P.M.)

BELT PULLEY:

Diameter.....12-1/4 inches.
Face.....4-1/2 inches.
Revolutions per Minute.....700.
Speed.....2245 F.P.M.

ENGINE, TWO CYLINDERS, CAST-IN-BLOCK — VALVES IN HEAD:

Speed.....1400 R.P.M.
Bore.....3-9/16 inches.
Stroke.....5 inches.
Crankshaft.....Special-quality alloy steel, with 2-1/16-inch crank pins.

Bearings.....Two main, steel-backed, precision type. R.H., 2-1/16 inches diameter by 2 inches long. L.H., 2-1/16 inches diameter by 2-1/4 inches long.

Connecting Rods...Special-quality steel, drop-forged. Bearings—steel-backed, precision type. 2-1/16 inches diameter by 1-17/32 inches long.

Governor.....John Deere design. Enclosed fly-ball type with 1 ball thrust and 2 self-adjusting ball bearings.

Carburetor.....Natural-draft type with load and idle adjustment.

Ignition.....High-tension magneto with enclosed automatic impulse starter.

Air Cleaner.....Oil-wash type.

Lubrication.....Full pressure to main and crank-pin bearings; oil filter.

Cooling.....Thermo-siphon with gear- and shaft-driven fan. (No belts or water pump.)

FUEL TANK CAPACITY.....7-1/2 gal.

GASOLINE TANK CAPACITY.....7/8 gal.

WATER CAPACITY..5-1/2 gal.

CLUTCH.....Two 9-1/4-inch dry disks, locking in and out.

TRANSMISSION....Selective type. Spur gears forged, cut, and heat-treated. Shafts operating on 2 tapered roller and 2 roller bearings.

REAR AXLES.....2-1/8 inches in diameter. Mounted on 4 tapered roller bearings.

REAR WHEEL SIZE..6.50 x 32. Pneumatic, with oversize tires available.

FRONT WHEEL SIZE.....4.00 x 15. Pneumatic, mounted on 2 tapered roller bearings.

REAR WHEEL TREAD.....44 to 80 inches.

WHEEL BASE.....76 inches.

TURNING RADIUS..7 feet, 5 inches.

DRAWBAR RANGE:
Vertical Adjustment.....10 to 15 inches.

Horizontal Adjustment.....16-3/4 inches.

POWER TAKE-OFF SPEED.....546 R.P.M.

DIMENSIONS:
Over-All Width....75 inches.
Over-All Length...111-1/4 inches.
Height to Radiator Cap.....52 inches.

SHIPPING WEIGHT..2100 pounds.