DRIVER-DESIGNED
for new convenience

Glance at the Ford 4000 Row Crop. One look tells you it's a tractor designed with driver in mind! Generous-size step plates, conveniently placed. Big, roomy platform. Plenty of foot room, sitting or standing. Upholstered deluxe seat with spring suspension, adjustable to driver's height and weight. Dust and dirt-excluding fenders. Equipment operating controls grouped within a hand space. Shockfree, hydrostatic power steering. Top-notch visibility in all directions. Self-energizing wet disc brakes for straighter stops or shorter pinpoint turns.

A tractor you'll want to see and drive!
A tractor that updates your power for row crop farming!

UNCLUTTERED. Walk around a new Ford 4000 Row Crop. Notice the neat, "clean", unified design—absence of exposed hydraulic hose and tubing.
For easier 4-row, 3-4 plow work
ZERO IN ON A NEW FORD
4000 Row Crop

Make a few turns around the field with a new Ford 4000 Row Crop. Try it with a mounted plow—three 16’s or four semi-mounted 14’s. A wide disc harrow. Let it pull a heavily loaded spreader or wagon in soft fields. You’ll notice front-end stability and balanced pull-power unusual in a row crop tractor. This results from the greater weight and strength of Ford’s rugged new engines, plus built-in weight where it counts. You’ll also notice exceptional lugging ability over a wide range of speeds with these smooth-running engines, gasoline or diesel. You’ll appreciate this “hang-onto-the-load” ability on heavy power take-off jobs—forage harvester or two-row corn picker. It’s easier to keep PTO at rated speed for top performance of your power-drive equipment.

4000 Row Crop is all-new. Designed to deliver speed and performance required for today’s fast-paced, high-production farming. A tractor you’ll enjoy driving. A tractor that keeps operating costs down. A tractor you’ll be proud to own!
GROUPED EQUIPMENT CONTROLS
bring you new operating ease

This closeup view shows convenient grouping and location of hydraulic controls.

CONSOLE CONVENIENCE. All hydraulic controls are grouped within relaxed, easy reach by driver's right hand (photo, above). (1) Touch-control lever for raising, lowering and adjusting implement depth. (2) Optional controls for remote cylinders. (3) Lever for selecting draft or position control. (4) Flow control.

DOUBLE-ACTING DRAFT CONTROL. New Ford draft control provides more uniform draft regulation with top link of three-point linkage in either compression or tension. Consequently, heavy equipment such as a three-bottom, fully-mounted plow does not “bury” itself if weight of equipment and load overcome top link compression when working in soft soil. You get more uniform draft reaction, with light or heavy implements, in all types of soil conditions.

POSITION CONTROL. Maintains soil-working implements at selected position in relation to tractor regardless of draft. Holds hitch-mounted spray booms and similar equipment at selected height.

FLOW CONTROL. Enables operator to adjust speed of draft control reaction. “Smoothes out” variations in implement depth as draft varies in changing soil conditions.

REMOTE CONTROL. Optional remote control couplings are housed under the rear seat for easy access and maximum protection. Open-center, single- or two-spool valves provide feathering action from closed to fully open positions. May be set for “float.” Automatically return to neutral when cylinders reach fully raised or lowered positions. Provides two circuits for single- or double-acting cylinders. With two-spool valves you can control right and left front cultivator gangs individually, or combinations of two trailing implements.

LIVE POWER. Hydraulic pump on Ford 4000 is “live.” You have hydraulic power whenever engine is running, whether engine clutch is engaged or disengaged. This pump supplies hydraulic power at 2,500 pounds per square inch for all implement control operations. A separate pump is provided for power steering.

Hydrostatic Power Steering

Ford 4000 Row Crop power steering is completely hydraulic. Turning the steering wheel meters oil to the double-acting steering cylinder. Turn speed is in direct proportion to speed with which steering wheel is turned. Design of system prevents front wheel drift, buffers road shocks, aids precision control. And you can steer when the engine is not running.
POWERFUL NEW ENGINES
lug smoothly over wide rpm range

Put a Ford 4000 Row Crop under heavy load. Let it lug down... down... down! Even then, the husky engine keeps pulling smoothly, quietly, steadily. Three-cylinder design gives you the smoothness you’ve come to expect only in a six. But three-cylinder design permits tremendous strength in the block to increase engine life. There are fewer but stronger parts in a more rigid engine.

These new Ford engines were designed first with strength for diesel service. Strength fully retained in the gasoline model. Massive block resists distortion and vibration. Big-diameter crankshaft can’t “whip” under maximum torque loads. Swirl-chamber pistons help burn fuel more efficiently.

This stronger, tougher construction pays you dividends in other ways, too. Longer periods between engine oil and oil filter changes. Chrome-faced piston rings with top ring held in hardened, heat-resistant ring-groove insert. Valve seat inserts and rotators reduce valve wear and keep compression up.

In long-life strength, in smoothness of operation, in lugging ability, in fuel economy, these new engines offer you a new high level of performance in a row crop tractor.

TOUGH! Ford takes advantage of three-cylinder design to put bigger, stronger moving parts in a shorter, more rigid engine. Size for size, these engines must be ranked with the strongest, longest-lasting ever built.


OPPOSED MANIFOLDS. Intake on the right, exhaust to left—permit larger, straighter air passages. And Ford’s big-bore design makes room for larger valves. It all adds up to deeper breathing engines that lug better, make your fuel dollars go farther.

PLANETARY FINAL DRIVE. Cutaway shows heavy-duty construction of final drive and rear axle housings. Final speed reduction is through husky planet gearsets—dividing stress on transmission and differential gears by three.

DISC BRAKES SEALED IN OIL. Mounted ahead of final reduction planet, 4000 disc brakes provide a new ease and sureness of braking action. Special alloy discs act against fixed steel discs in a bath of oil for smoother, self-energizing action at all ranges of pedal pressure, with minimum maintenance.
Match your 4000 ROW CROP with efficient, fast working FORD EQUIPMENT

The Ford 4000 Row Crop is equipped with Category I or II three-point linkage with flexible link ends. Mounting bosses cast into the rugged, beam-strong chassis provide for quick attachment of front-mounted cultivators, one- and two-row corn harvesters and other equipment. The three-point linkage provides lifting power for such implements as ten-foot tandem disc harrow, four-row planters, three-bottom plow, two-furrow roll-over plow and other equipment of similar capacity.

The Ford line also includes two types of rear-mounted mowers, trailing and mounted side-delivery rakes and three sizes of balers. The pitman-drive mower is one of the nation's most popular, noted for smooth operation, clean mowing and long life. The 515, a pitmanless model, permits quiet, efficient mowing at tractor speeds up to seven miles per hour on favorable terrain.

Swinging drawbar, without interference to the three-point hitch, provides for quick coupling and short turns with pull-type equipment. Many types of trailing equipment are available through your Ford tractor and equipment dealer to meet farming practices and requirements in your area.

THREE-POINT HITCH WITH FLEXIBLE LINK ENDS

Length of the lift links on the Ford 4000 Row Crop are matched to the higher clearance of this tractor. You can interchange three-point implements and equipment between Row Crop and All Purpose models without modification. Flexible lower link ends extend several inches merely by pulling a pin. This makes it easy to line up the link ends of the hitch with the link pins on heavy equipment. Backing the tractor after the hookup is made automatically relocks the flexible ends. Category I conversion hitch parts are included as standard equipment for use with mowers, rakes and other lighter equipment.

SMOOTH HYDRAULIC CONTROL FOR INDEPENDENT PTO

The 4000 Row Crop may be specified with either powershift, ten-speed Select-O-Speed or manual-shift, eight-speed transmission. Both are equipped with fully independent power take-off. PTO can be stopped or started with the tractor either standing still or on the go.

With both transmissions, the PTO is engaged and disengaged by a smooth-acting hydraulic clutch. You can "feather" the control to start heavy PTO loads with maximum smoothness and minimum strain on engine and PTO drive train. With Select-O-Speed, the PTO control (left) is of push-pull type, conveniently located on the tractor instrument panel. Optional with Select-O-Speed is independent PTO, 540/1,000 rpm, with ground drive feature.
CHAMPIONSHIP TWO-ROW PICKER. Capacity? Clean picking? You bet! In the 1965 National corn picking contest Ford two-row pickers took first, second, third and fourth places. And in corn yielding 161 bushels to the acre! This was the sixth time in seven years that Ford pickers won first place in this “world’s series” of corn picking contests.

Small diameter, offset rolls snap clean with less grabbing. Drop ears directly in elevator. No unnecessary husking or shelling. With power-shift Select-O-Speed you can match picking speed to crop conditions, on-the-go. Speed up in light stands. Slow down and save corn in heavy yields. All without stopping the tractor.

WIDE-RANGE TRANSMISSIONS

TEN-SPEED POWER SHIFT. This most modern of all tractor transmissions may be specified on Ford 4000 Row Crop at surprisingly low cost. With ten-speed Select-O-Speed you power-shift instantly, on-the-go, without clutching. You match tractor travel speed to the load and equipment operating conditions with no stops. Safer, too: start heavy loads in a low-speed, high-pull gear, then shift up, on-the-go.

EIGHT-SPEED. This efficient manual-shift transmission provides eight speeds forward, two reverse. Four speeds in the low range, four in the high range, and one reverse in each range. Low range provides gears for heavy pulls such as plowing, subsoiling, discing and other heavy field work, or for slow-speed precision work such as vegetable transplanting. High-range speeds are matched to faster-paced work such as light discing, planting, cultivating, mowing, raking, rotary hoeing and road hauling or transport.
WIDE ADJUSTABLE FRONT AXLE—wheel

tread adjustable from 56 to 88 inches. Equipped with
6.00-15-inch, F2, 4-ply tires. Under-axle row clear-
ance is 24 inches. Also may be equipped with
optional 7.50-15-inch, 6-ply R-2.

SINGLE FRONT WHEEL

axle interchangeable with
dual wheel pedestal.

EQUIPPED WITH 9.00-10-INCH,
F3, 8-ply tire.

POWER ADJUSTED REAR WHEELS—
tread width is adjustable from 56 to 90 inches
without reversing rims on wheel discs. Dual rear
wheels also may be mounted on power adjusted
wheels.

Options and accessories for all operating preferences

In addition to choice of engine, transmission, and
PTO, the 4000 Row Crop may be equipped with a
variety of options and accessories to match specific
preferences and specialized farming requirements. Fact-
ory installed options include: Differential lock. Single
front wheel axle. Wide adjustable front axle. Hydraulic
remote control. Power-adjusted rear wheels. Other
equipment such as air pre-cleaner, etc., can be installed
by your Ford tractor and equipment dealer, either at
delivery, or at any later date.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>ENGINE</th>
<th>4000</th>
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<tr>
<td>Horsepower*</td>
<td>Diesel</td>
</tr>
<tr>
<td>46.7</td>
<td>46.3</td>
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<tr>
<td>No. of Cylinders</td>
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<tr>
<td>Displacement, cu in</td>
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<tr>
<td>Bore &amp; Stroke, in</td>
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<tr>
<td>Compression ratio</td>
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<tr>
<td>Geared rpm</td>
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<tr>
<td>Piston speed, fpm</td>
<td>1,163</td>
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<tr>
<td>*Maximum observed PTO hp with eight-speed transmission.</td>
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</tbody>
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ELECTRICAL SYSTEM: 12-volt, 80 amp-hr battery (gasoline), 128 amp-hr battery (diesel). Generator capacity, 22 amp. Positive engagement safety starter. Cold start kit. Two dual headlights and taillights.


CAPACITIES & DIMENSIONS

| Wheelbase, in. | Tricycle | 91 |
| Wheel diameter, in. | 19.5 |
| Length overall, in. | 130-7 |
| Wheel tread, in. | 52 to 80 |
| Power adjustable rear wheels | 56 to 90 |

Adjustable wide front axle | 56 to 88 |
Height to top of hood, in. | 64.3 |
Turning, radius, brakes locked, ft. (Dual front wheels) | 8.7 |
Row crop clearance, in. | 25 |
Rear | 24 |
Wide front axle | 24 |
Rear axle capacity, lb. | 9,000 |
Fuel tank, gal. | 16 |
Transmission, 10-speed, qt. | 13.3 |
Differential, qt (including hydraulic system) | 28.3 |
Shipping weight, approx. lb. | 4,900 |
Hydraulic pump, psi | 5.4 |
Linkage lift capacity, lb. | 3,200 |
24 in. behind link ends | 2,500 psi |

STEERING: Power, full hydrostatic.

POWER TAKE-OFF: Fully independent, hydraulic clutch controlled. Standard 540 rpm at 1,810 engine rpm. Standard 540/1,000 rpm** at 1,900 engine rpm. Ground drive PTO feature available with Select-O-Speed transmission.

HYDRAULIC SYSTEM: Engine-driven pump delivers constant hydraulic power whenever engine is running.

IMPLEMENT MOUNTING LINKAGE: Category 1 attaching parts.

TIES

Front: Tricycle Dual or Wide Adjustable
- Standard 6.00 x 16 - 4-ply F2
- Optional 7.50 x 15 - 6-ply F2

Single Wheel Tricycle
- Standard 9.00 x 10 - 8-ply F3

Rear:
- Standard 12.4 x 38 - 4-ply R1
- Optional 13.6 x 38 - 4-ply R1
- Optional 13.6 x 38 - 6-ply R2


OTHER SPECIAL EQUIPMENT:

**Available at additional cost.

Design, materials and/or specifications are subject to change without notice and without liability therefor.

YOUR FORD TRACTOR AND EQUIPMENT DEALER

Ford

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