

FORD

4000 5000





Ford 5000 Row-Crop finishes a seed bed with Ford 207 disc harrow.

Ford 5000.

Increase your workpower with 67 horsepower.

Tackle a big, tough job with a hard-muscled Ford 5000—see how easy and fast it goes. 67 horsepower in a Ford Blue tractor adds up to a lot of usable workpower. A great balance of power, weight and strength keeps you on top of the job, in relaxed but sure command. Easy, responsive controls. Superb hydraulics, with rugged Category II hitches. Efficient

transmissions with job-matching speeds. Self-feathering, power-engaged and fully independent PTO. Differential lock. Power steering. Feature after feature to help you do better work, faster.

Take your choice of diesel or gasoline, in one of the strongest, smoothest 4-cylinder engines ever built for a farm tractor. Opposed

manifolds. A big 256-cu in. displacement. Thrifty with fuel. Torque characteristics that let it pull smoothly, even at half rated speed.

Select from two transmission options. A rugged, easy shifting 8-speed unit with smooth, positive cerametallic clutch. Or get Select-O-Speed—power shift, on-the-go, to any of ten forward speeds. A time



Ford 5000 All-Purpose with a Ford 118 plow.

and engine saver on tillage jobs where soil conditions vary. A great help on forage harvesting, haying and other PTO jobs.

Ford 5000 All-Purpose gives you big power in a rugged, do-anything tractor that lives up to its name. Ample power for heavy tillage. A big 18-inch front axle clearance lets you handle many cultivating jobs. Or

order the high front axle with 24 inch ground clearance. Rugged front axle lets you handle the big industrial-type Ford 727 loader for fast cleanup work around feedlots and farmstead. Power-assist steering is standard.

Ford 5000 Row-Crop offers added crop clearance, plus operator convenience unsurpassed in this power

class. Near effortless hydrostatic steering, with tilting 5-position steering wheel. Wide, flat operator's deck. Great visibility. Get it with wide adjustable front axle with 24-inch clearance. Or with the tricycle front end with dual front wheel setup.

Give a Ford 5000 a tryout—see for yourself how easy a day on a tractor can be.



Ford 4000 All-Purpose can plow up to four furrows.

Ford 4000.

52 horsepower tailored to fit your needs.

The 52 hp Ford Blue 4000 comes in three different models to suit your farming exactly.

Ford 4000 All-Purpose offers the heft and stability you like for tough field work. Massive cast-iron front axle support adds strength and weight, helps counterbalance heavy mounted equipment. Tough, efficient 8-speed transmission offers an

excellent selection of field and road speeds. Select-O-Speed—the transmission that lets you power-shift to any of ten forward speeds, on-the-go—is optional. Another favorite option is power steering, now better than ever with hydraulic cylinder relocated and protected under the steering column.

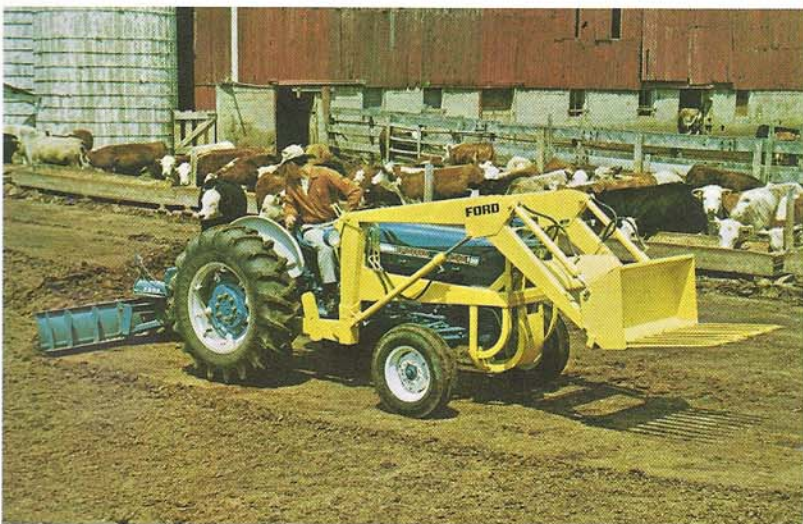
Ford 4000 Row-Crop provides

added crop clearance, plus a high, flat operator's deck. Your choice of wide front axle, or dual front wheels. Enjoy almost effortless hydrostatic power steering.

Ford 4000 SU gives you the same rugged power in a maneuverable utility tractor. Lower than the all-purpose model and with a shorter wheelbase, it's ideal for working in



Ford 4000 Row-Crop cultivating with Ford 406 row-crop cultivator.



Ford 4000 SU speeds clean-up jobs with Ford 716 blade and 730 loader.

tight places. A wealth of standard, work-hurrying features like independent PTO, differential lock and power-assist steering. The 4000 SU is one of the most versatile tractors in its power class.

All three offer a choice of rugged 201 cu in. diesel or gasoline engines. Extra strong final drive, with twin planetary final reduction gears

and multiple disc brakes, mounted inboard of rear axle shafts. Independent PTO is standard for the 4000 SU, optional on all-purpose and row-crop models.

Drive the Ford Blue 4000 of your choice. Check out the quick responsive power, the effortless steering. Try the easy action of the gear shift—see how smoothly that long-last-

ing cerametallic clutch picks up the load. Notice the neat, unified design—the absence of exposed linkages, hydraulic hose and tubing. Ask about the many options available to fit a 4000 to your exact needs. The more you look, the more you compare, the better you'll like these advanced and rugged middleweight Ford Blue tractors.



Independent PTO comes standard on the Ford 4000 SU.

Ford 4000 SU.

Quick, nimble and rugged.

Now you can have the strength and power of the 4000 All-Purpose in a shorter, lower and lighter weight tractor. It's ideal for diversified farming, feedlots, orchards, livestock operations. Any place you need big power in a compact, quick-handling and comfortable tractor.

The 52 PTO horsepower 4000 SU hurries through heavy tillage and PTO jobs. Handles 4-row equipment with ease. Gives you a big 22 inches of cultivating clearance. Speeds up

loader and chore work with easy maneuverability.

You'll like the low profile. One easy step on or off. The big capacity hydraulics. The long list of standard features. 8-speed transmission. Independent PTO. Differential lock. Power steering.

If you like the convenience and handling ease of the Ford 3000—but want more power, sealed disc brakes and other Ford 4000 features, here's your tractor. Check it out.



Short 77.3-in. wheelbase makes tight turns easy.

Brute-strong Ford engines combine power, durability and economy.

When you turn the ignition key of a new Ford engine, you're turning on an engine built expressly for tractors.

Notice the smooth power of a new Ford engine. The secret? "Square" engine design—with cylinder bore equal to or greater than piston stroke. "Square" design makes possible heavier, stronger parts in a shorter, more rigid engine block. Bigger valves, bigger intake and exhaust passages. Less vibration under heavy loads because of

shorter, heavier crankshaft and extra-large main bearings. Less friction and wear because of reduced piston travel. Better sealing with new double lip crankshaft oil seal and new distributor seals.

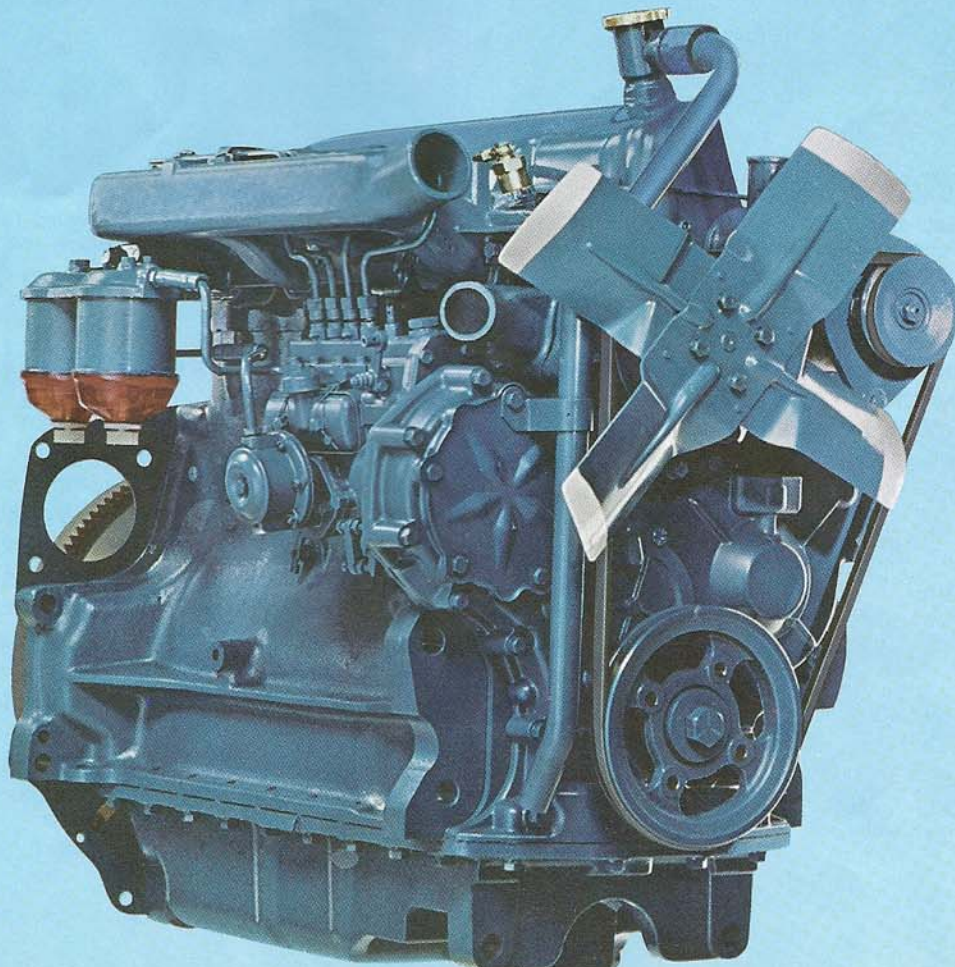
Ford designed diesel engines first—for the strength and ruggedness a diesel must have. Then, Ford built gasoline models with the same massive engine blocks and husky, long-lasting working parts.

To give you efficient fuel economy, Ford went still further. You get

more efficient combustion in cold weather, smoother power in hot weather with the temperature-controlled intake manifold on gasoline models. Air-fuel mixture enters the combustion chamber at a controlled temperature.

Opposed manifold design separates intake from exhaust heat. Cooler intake adds efficiency, boosts peak power output. Injection system and improved breathing characteristics contribute to greater fuel economy and high torque.

For tremendous built-in strength, 4-cylinder Ford 5000 gas and diesel engines give you 256-cu in. displacement in a thick, heavy block.



A day's work goes hours easier on a new Ford row-crop tractor.



Steering wheel tilts to any of five positions on the Ford 5000 Row-Crop. Adjusts to your reach whether you're sitting or standing.



Big, uncluttered platform lets you work in comfort, hour after hour. Sit high, out of the dust, with superb visibility in all directions.



Deep-cushioned, spring-suspended seat adjusts to your weight. To stand while operating, slide seat back and up out of the way.

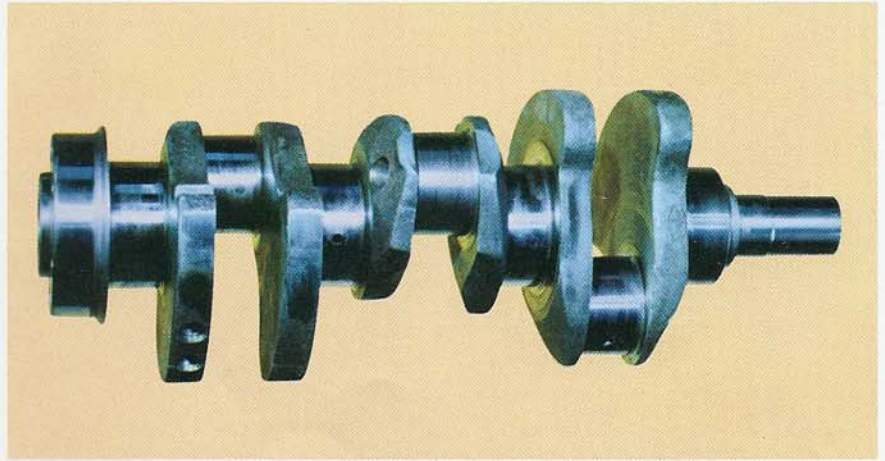


Console convenience of touch control for 3-point linkage, remote control levers, position and draft control lever, flow control.

Work longer at your peak on a new Ford 4000 or 5000 Row-Crop. Those long days seem short—until you look back on the work you've done.

Stretch your legs or shift position easily, comfortably, naturally—on a large, roomy platform. It's clean, uncluttered, obstruction-free. You sit high with an excellent work view. Hydraulic controls grouped in an easy-to-reach console. Hydrostatic power steering takes the work out of turns. Stop sure and straight, turn smoothly, easily—with sealed-in-oil multiple-disc brakes. Wide skid resistant step plates and hand holds on fenders make mounting easier from either side.

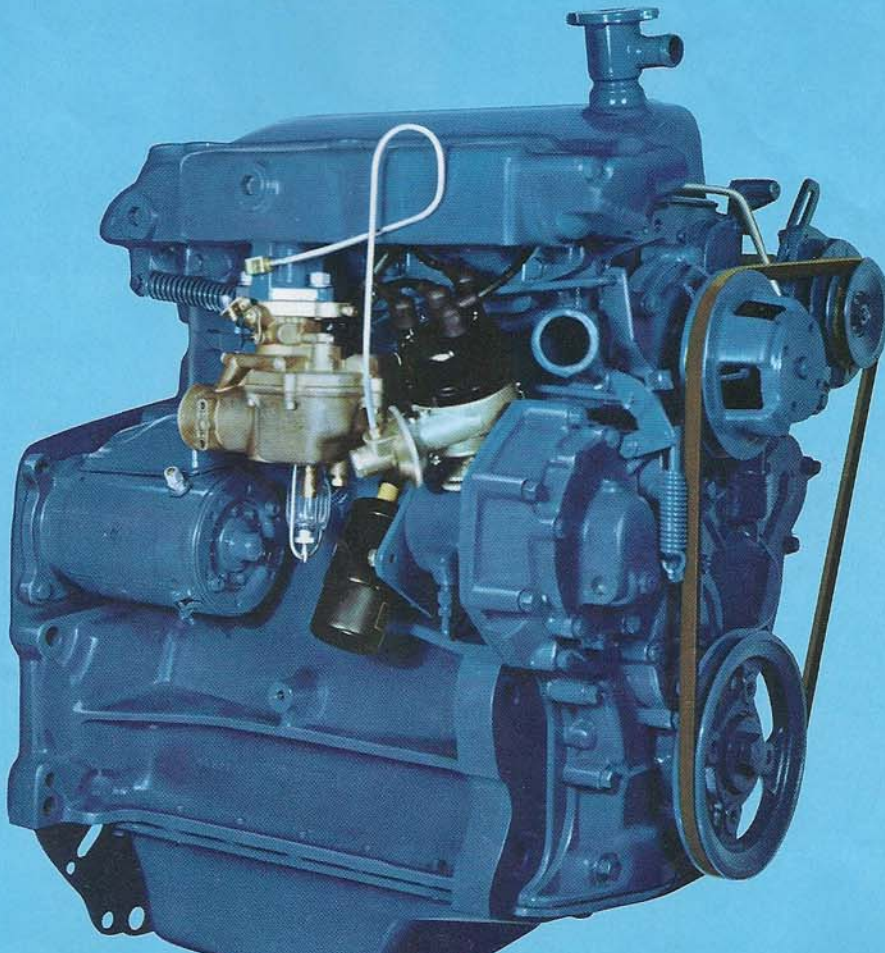
Give the new Ford 4000 or 5000 Row-Crop a tryout on your farm. In the first hour, you'll know that this is *your* kind of tractor.

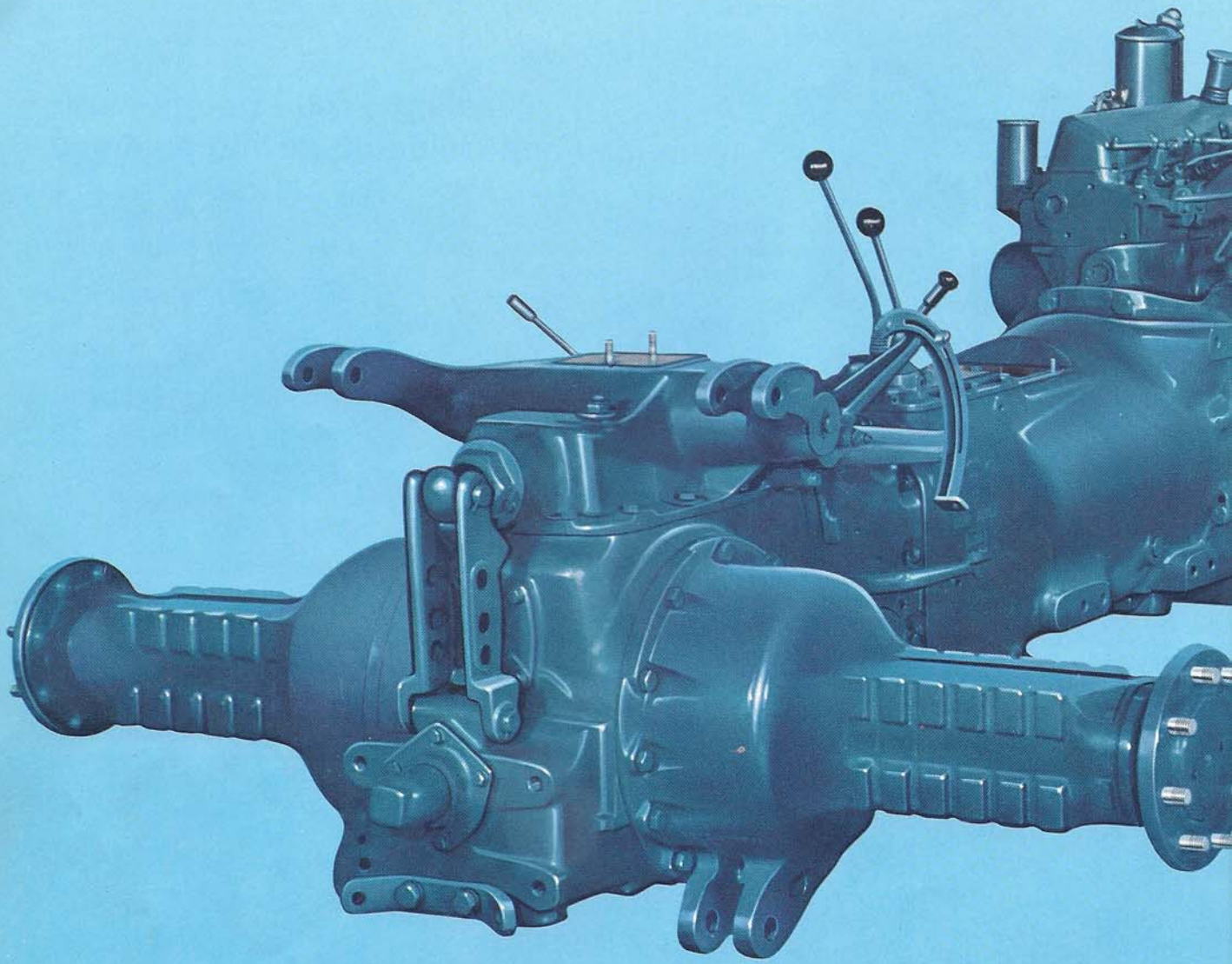


Rugged crankshaft from Ford 4000 weighs 79.5 lbs. Over 15-sq in. main bearing area per cylinder. Ford 5000 crankshaft weighs 98 lbs.

Built-in strength shows in the piston rod assembly. Chrome-faced piston rings with micro-finish. Durable heat-treated connecting rods. Big, 1½-inch diameter piston pin.

Remarkable smooth-running characteristics result from the built-in dynamic balance of 201-cu in. 3-cylinder Ford 4000 engines.





Ford engine, power train and final drive form one rugged unit.

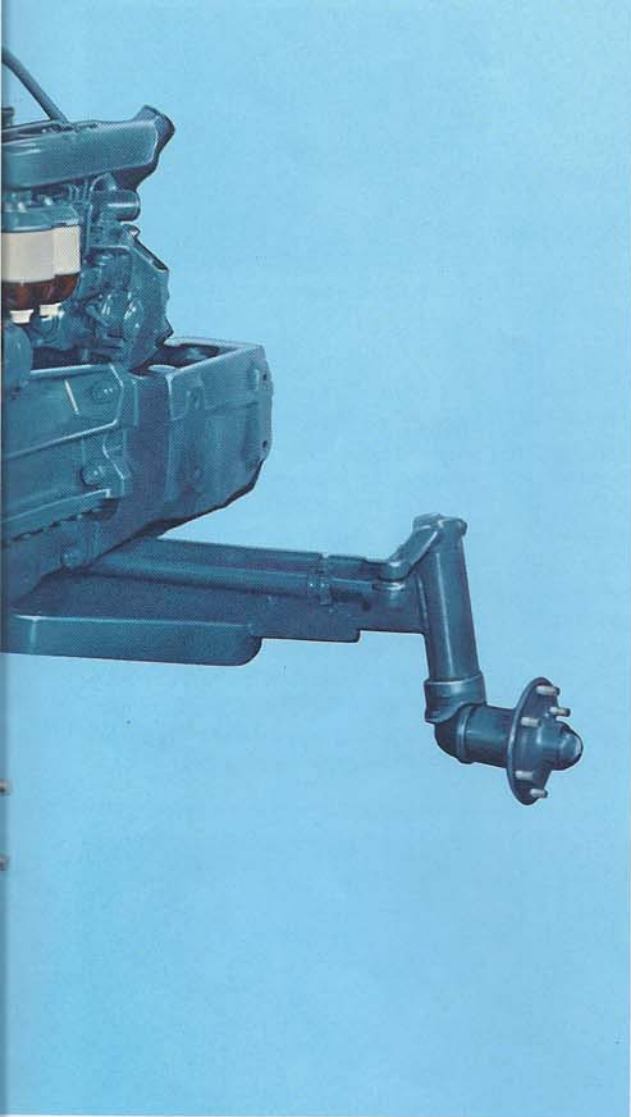
Massive power train defies punishing loads.

You can take full advantage of rugged Ford Blue power because you have Ford strength to match it. For example, thick, heavy rear axle castings provide rigidity and strength for great durability.

You can pull heavy loads because husky planetary gearsets reduce torque loads on transmission and differential gears without the side-thrust created by bull-gear and pinion setups. In addition, three sets of gear teeth divide the load, reducing load per tooth by 66 per cent.

High-strength axle shafts are rigidly supported in big bearings. Result? One of the strongest, most trouble-free final drives ever offered in this size tractor.

Brake with ease and sureness. Self-energizing multiple-disc brakes on high-speed shafts see to that. For smooth action, special alloy discs act against fixed, sealed-in-oil steel discs. You receive this effective braking action with minimum maintenance, thanks to Ford quality construction.



Choose the transmission and PTO options that fit your kind of farming.

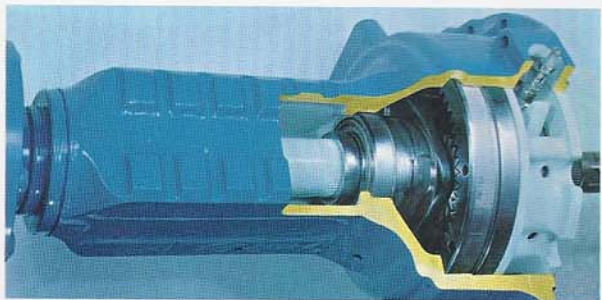
Your new Ford Blue 4000 or 5000 adapts to your particular operation for top efficiency—with a wide range of transmission and PTO options.

On the Ford 4000, choose dual-range 8-speed transmission with either 540 rpm transmission-drive or 540 rpm independent PTO. Or, pick 10-speed Select-O-Speed with independent 540 rpm or independent 540/1,000 rpm and ground-drive PTO.

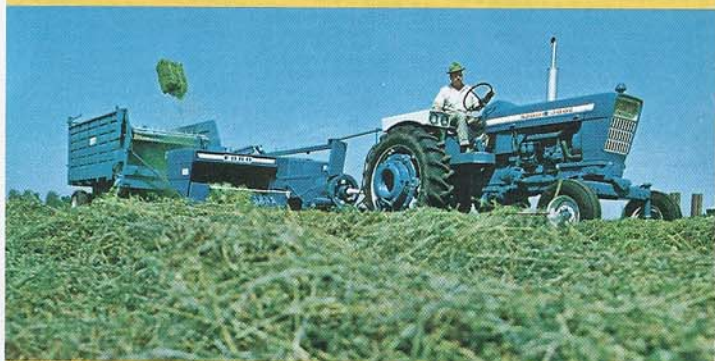
On the Ford 5000, select dual-range 8-speed transmission or 10-speed Select-O-Speed with independent 540 rpm PTO.

Dual-range 8-speed transmission gives you four forward speeds in low range from 1.5 mph to 4.7 mph, four forward speeds in high range from 5.6 mph to 16.8 mph.

Engage hydraulically controlled independent PTO without a jar or jerk. When shifting gears, there is no interruption to power flow. Ground-drive feature, available on 4000 models with Select-O-Speed, provides PTO shaft speeds of up to 2,600 rpm for driving pumps, feed grinders, other stationary equipment.



Superior support for axle bearings comes from center mounting of planetary gearsets in rear axle. Square-section axle housings assure firm base for loader side frame, other axle-mounted equipment.



Independent PTO engages smoothly—lets you stop or start PTO shaft with tractor moving or standing. It's standard on all Ford 5000 models, available for 4000, too.

Get more workpower from horsepower with time-proved Select-O-Speed transmission.

Shift up or down on-the-go without clutching. Match tractor speed to changing loads and soils while engine speed remains constant. Reduce plug-ups in forage harvesters and balers. Reduce harvest losses with corn pickers. Enjoy better control of all PTO equipment.

How? Power shift with Select-O-Speed. This power-shift 10-speed transmission has proven its time-saving, cost-cutting abilities in hundreds of millions of hours of use on

farms, everywhere.

Plow or till all day without clutching. Haul heavier loads with fewer trips. Just start in a low-speed gear, then shift up on-the-go as you gather momentum. Shift up and throttle back for peak engine efficiency on light loads. Makes shifting gears almost as easy as switching channels on TV. Four forward speeds for heavy work and slow-speed jobs, four forward speeds for normal field work, two forward



Select-O-Speed control on Ford 5000 row-crop.

speeds for road travel. Plus two reverse speeds. Select-O-Speed transmission is always engaged in a working gear. No coasting. Highly efficient, all-gear drive.

Save time and money with Select-O-Speed. Handle more acres per day, plowing or tilling. Harvest more efficiently. Yet Select-O-Speed costs much less than similar-type transmissions. Come in and see how Select-O-Speed can help boost your production and profits.

Ford Select-O-Speed is at its best on heavy PTO jobs.



Advanced hydraulics increase the muscle at your command.

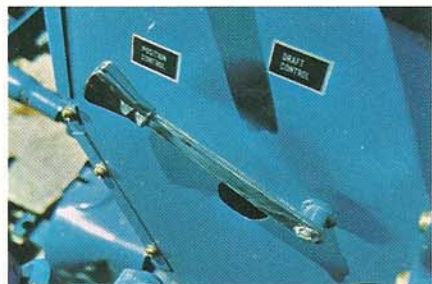
Save time and effort in the field with the easiest-to-operate hydraulic system of any tractor line—Ford single-lever hydraulics.

Just move a single lever to control 3-point hitch position. That's all there is to it. Instant, accurate control of implements for better, faster operation! With Ford, you get 30 years of experience in designing and engineering tractor hydraulics. Hydraulic experience that adds to your productivity and profits.

Ford 4000 comes with Category I,

convertible to Category II. Ford 5000 has Category II 3-point linkage, convertible to Category I. Improved linkage permits vertical float, allowing wide mounted implements, such as cultivators, to follow ground contour. Another time-saving touch from Ford: flexible hitch links make hookups easier. Swinging drawbars are standard.

Dual-acting draft control. Top link is sensitive to both compression and tension. Overcomes tendency of heavy implements to run too deep



Easy-to-reach controls enable you to handle draft and position of implements with the flick of a lever.

in light soils. Gives you better draft control and more uniform work.

Flow control lets you adjust flow rate of hydraulic oil, thereby controlling speed of draft control action. This evens out implement depth in hard or varying type soils.

Position control holds implements at a pre-selected position in level soils or above ground.

Optional remote control is provided by factory-installed single or double spool valves and single or double-acting remote cylinders.

A Ford tractor keeps 3-point hitch equipment working better.



Pick optional equipment to meet your exact requirements.

You'll make more efficient use of your time and get top productivity from your new Ford 4000 or 5000—with the proper options for your operation.

With the wide range of Ford options, you can get your new Ford tractor customized directly to your needs. Get it equipped to fit your work habits, your size and type of operation.

Every farm is different; every operator unique in his wants and needs. That's why Ford offers you such an array of optional equipment. They're designed to make work easier, more productive. With Ford options, you can tailor the kind of tractor you need and want.

Let us help you decide on the options you need to make your next Ford tractor the kind of tractor you've always wanted.



Wheel and front-end weights for more traction and stability. One or more 100-lb disc-shaped weights may be added per rear wheel. Two 45-lb segmented weights may be added to each front wheel. Front-end weights are available in 75-lb segments.



Power-adjusted rear wheels use engine power to space tread quickly and safely for the job at hand. Exclusive Ford design permits tread widths from 56 to 90 inches (56 to 80 inches on 4000 SU) without reversing rims on wheel discs. Eliminates removing tires and rims. Dual rear wheels, shown, may be mounted on power-adjusted wheels.



Horizontal exhaust has definite advantages for use with loaders, especially when working inside buildings and under obstructions. Also improves visibility. Owners using Ford's horizontal exhaust also like the trim, neat appearance.



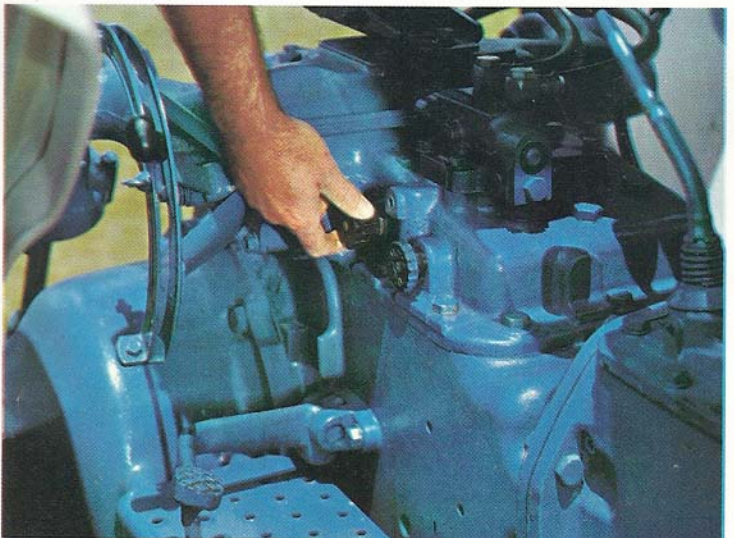
Safety frame and seat belt help protect operator from injury in event of an accident. Recommended, particularly if tractor is to be operated on steep slopes or on the road. Safety light is standard.



Air pre-cleaner is bowl type. Air intake stack is located above and in front of the dust zone. For extra dusty conditions, get the air intake stack extensions.



Swinging drawbar is regularly supplied with both tractors, and clevis end is available. Stabilizers and linkage drawbar are available for 3-point linkage. Hitch is easily adapted for Category I or Category II linkage.



Remote hydraulic valves can be ordered factory installed, with one or two remote cylinders, on new Ford tractors. Controls are within easy, natural reach. 2-spool valve, shown, operates two sets of remote cylinders.

SPECIFICATIONS

ENGINE

	4000-4000 SU		5000	
	Diesel	Gasoline	Diesel	Gasoline
Horsepower (max. observed PTO)				
8-speed	52.6	52.1	67.2	67.3
10-speed (not available for 4000 SU)	51.0	50.1	66.4	65.6
No. of cylinders	3	3	4	4
Displacement, cu in.	201	201	256	256
Bore & stroke, in.	4.4x4.4	4.4x4.4	4.4x4.2	4.4x4.2
Compression ratio	16.5:1	7.75:1	16.5:1	7.75:1
Rated engine speed (rpm)	2,200	2,200	2,100	2,100
Piston speed, fpm (at rated rpm)	1,612	1,612	1,470	1,470
Starting	Electric starter with safety switch. Cold start kits optional for diesel.			

CAPACITIES

	4000	4000 SU	5000
Fuel tank (gal)	16	13	20
Transmission, 8-speed (qt)	13.8	13.8	12
power-shift (qt)	13.3	13.3	12.3
Crankcase w/filter (qt)	7	7	9
Rear axle and hydraulics w/IPTO (qt)	33.9	33.9	39.6
Cooling system (qt)	14.0	14.0	15.3

LIVE HYDRAULICS

	4000-4000 SU	5000
Pump @ rated engine speed	5.4 gpm @ 2,500 psi	6 gpm @ 2,500 psi
Hitch (3-point)	Category I, flexible link ends	Category II, flexible link ends
Draft control	dual sensing top link	dual sensing top link
Flow control	standard	standard
Auxiliary service valve	optional	standard
Remote control valves, 1 or 2-spool	optional	optional
Remote hydraulic cylinders	optional	optional

TRANSMISSIONS AND PTO

	4000-4000 SU	5000
Manual-shift, standard	8-speed, 11-in. cerametallic clutch.	8-speed, 11-in. cerametallic clutch.
	Transmission-type PTO. Independent PTO optional—standard on 4000 SU.	Power-engaged, 540 rpm independent PTO
Power-shift, optional	10-speed Select-O-Speed	10-speed Select-O-Speed
	Power-engaged, 540 rpm independent PTO standard. 540 rpm/1,000 rpm/ground drive optional	Power-engaged, 540 rpm independent PTO

FINAL DRIVE

Double reduction with planetary reduction gears mounted inboard on axles.

DIFFERENTIAL LOCK

Standard on 4000 SU and all 5000 models. Optional on other 4000 models.

BRAKES

Self-energizing wet disc, enclosed with final drive.

ELECTRICAL SYSTEM

12 volt. 22 amp generator. 128 amp-hr battery, diesel and 5000 gasoline with 10-speed.

80 amp-hr battery, other gasoline models.

Heavy-duty starter, diesel.

DIMENSIONS

	4000 SU	4000 All-Purpose	4000 Row-Crop	5000 All-Purpose	5000 Row-Crop
Length, in.	128.5	137	143.9	141.6	149
Height, top of hood	52.75	57.5	64.3	61	68
Wheelbase, in.	77.3	84.5		87.5	
tricycle			91		96
wide axle			99.5		88 or 104
Rear wheel tread, in.	56 to 80	52 to 80	52 to 80	56 to 80	56 to 80
w/ power adjusted wheels	56 to 80	56 to 90	56 to 90	56 to 90	56 to 90
Front wheel tread, adjustable axle	52 to 80	52 to 80	56 to 88	52 to 80	56 to 88
Turning radius, brake locked, ft	9.7	10		10	
dual front wheels			8.7		9
Clearance, front axle, in.	22	19.5	24	18	24
optional				24	
Shipping weight, lbs	4,245	4,770		5,740	
tricycle front end			5,040		6,250

STEERING

	4000	4000	4000	5000	5000
	Power assist	Manual (Power optional)	Power (hydrostatic)	Power assist	Power (hydrostatic)

TIRES	4000 SU	4000	5000
Standard	Front: 7.50-15, 6-ply F2 Rear: 14.9-28, 4-ply R1	Front: 6.00-16, 4-ply F2 Rear: 12.4-38, 4-ply R1	Front: 6.00-16, 4-ply F2 Rear: 13.6-38, 4-ply R1
Optional	Front: 7.50-16, 6-ply F2 Rear (w/manual adjust wheels): 16.9-24, 6-ply R1 16.9-24, 6-ply R3	Front: 7.50-16, 4-ply F2 7.50-15, 6-ply F2 Rear: 16.9-30, 6-ply R1 13.6-38, 4-ply R1 13.6-38, 6-ply R2 (0) 14.9-30, 6-ply R1 16.9-26, 6-ply R3 18.4-26, 6-ply R3	Front: 7.50-18, 4-ply F2 7.50-16, 4-ply F2 Rear: 15.5-38, 6-ply R1 15.5-38, 6-ply R2 (0) 16.9-30, 6-ply R1 16.9-34, 6-ply R1 18.4-26, 6-ply R3 18.4-30, 6-ply R1 18.4-30, 6-ply R2 (0)

INSTRUMENTS AND LIGHTING (for both 4000 and 5000 series tractors)

Lighted instrument panel	Water temperature gauge	Two headlights
Tachometer	Warning lights, oil pressure and generator	Taillight
Fuel gauge		

OTHER STANDARD EQUIPMENT (both series)

Swinging drawbar	Fuel filter	Vertical exhaust
Tool box	Full flow 1-qt oil filter	PTO guard
Oil bath air cleaner (diesel)	Fenders	
Dry type air cleaner (gasoline)	Deluxe cushioned seat	

OPTIONAL EQUIPMENT (both series)

Power adjusted rear wheels	Remote cylinders	Roll bar and seat belt
Swinging drawbar clevis	Wheel weights, front and rear	Radio
Linkage drawbar	Front end weights and bracket	Work light and switch
Linkage stabilizers	Belt pulley (PTO)	Implement warning light
Air cleaner extension	Belt pulley guard	Implement lamp kit
Air precleaner bowl	Canvas cab	Safety emblem, with mounting kit
Horizontal exhaust	Diesel starting aids	
Remote control valves, 1 or 2-spool	Dual rear wheels	

8-SPEED TRANSMISSION							SELECT-O-SPEED POWER-SHIFT 10-SPEED TRANSMISSION			
Gear	FORD 4000 SU		FORD 4000		FORD 5000		FORD 4000		FORD 5000	
	1000 rpm	2200 rpm	1000 rpm	2200 rpm	1000 rpm	2100 rpm	1000 rpm	2200 rpm	1000 rpm	2100 rpm
1st	0.6	1.4	0.7	1.5	0.8	1.5	0.5	1.1	0.5	1.0
2nd	0.8	1.8	0.9	2.0	0.9	2.0	0.7	1.5	0.7	1.5
3rd	1.4	3.1	1.6	3.5	1.7	3.5	0.8	1.8	0.8	1.7
4th	1.9	4.2	2.1	4.7	2.3	4.7	1.1	2.4	1.1	2.3
5th	2.3	5.0	2.6	5.6	2.7	5.6	1.8	4.0	1.7	3.6
6th	2.8	6.3	3.2	7.0	3.3	7.0	2.3	5.1	2.2	4.6
7th	5.0	11.0	5.6	12.3	5.9	12.4	2.6	5.7	2.5	5.3
8th	6.8	15.0	7.6	16.8	8.0	16.8	3.4	7.5	3.3	6.9
9th							5.5	12.1	5.3	11.1
10th							8.0	17.6	7.8	16.4
Rev. low	0.9	2.0	1.0	2.3	1.1	2.3	1.5	3.4	1.5	3.1
Rev. high	3.3	7.2	3.7	8.1	3.9	8.1	2.3	5.1	2.2	4.6



Six power sizes from the giant 130 horsepower Ford 9000 down to the tough and nimble 30 horsepower Ford 2000, as shown above.

The Ford line of tractors offers a model for every need.



There's a Ford to fit your needs. Power-spaced from 30 to 130 horsepower.

Regardless of your power requirements, there's a Ford tractor for your farm. Step up in horsepower, convenience and comfort. Get new muscle and durability, all in Ford Blue. Row-crop, all-purpose and special models to meet your needs.

Ford tractors have the widest range of transmission and PTO options you'll find anywhere. And they're designed to deliver power

as you want it for your kind of farming, your conditions.

At the top of the Ford line are the big 105 and 130 horsepower models. The rugged Ford 8000 handles up to seven bottoms in all but the toughest soils. And the 130 horsepower Ford 9000 gives you total-turbo design for performance that few tractors even approach. Hydraulic power handles 8-row implements

and tandem hitches. Big, flat operator's deck lets you work in stretch-out comfort. Hydrostatic power steering makes turns quick and easy.

You'll like the entire Ford line. The heaviest, strongest, toughest tractors Ford has ever built.

Seeing is believing. Visit us now and look over the new Fords. Drive one, get the feel of the finest tractor power available today.



FORD 4000/5000 TRACTORS

Less service time means more working time.

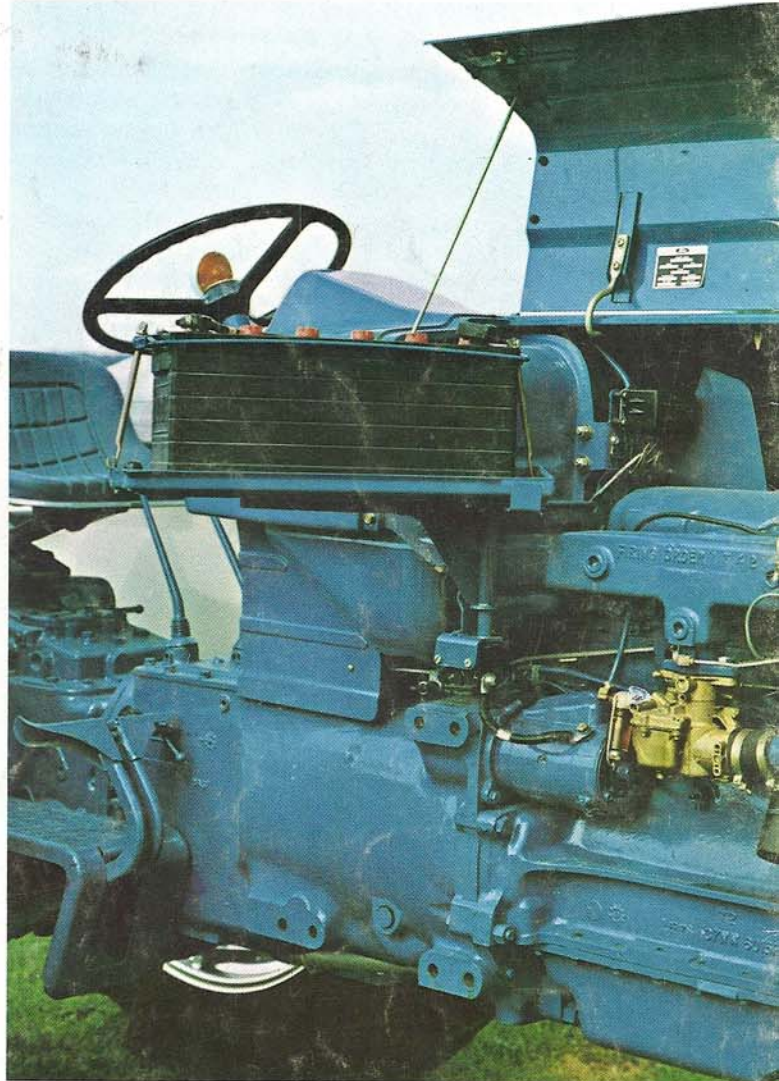
Here's another way Ford stretches your time. Less service time means more working time.

With older models, you changed oil every 100 hours. Now, work three times as long between oil changes. You used to change spark plugs every 300 hours. Now, they're good for twice that time. Diesel fuel filters are good for 600 hours.

You'll also like other time-saving features of a Ford 4000 and 5000. Such as the swing-out battery which pivots away from the engine for easy servicing.

Visit us now and see for yourself. Arrange for a demonstration of a Ford 4000 or 5000. See why Ford Blue is your key to greater quality. Ask about our easy financing plans that let you pay monthly, semi-annually, annually or by crop.

Swing-out battery is easy to service.
Makes engine readily accessible.



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

YOUR FORD TRACTOR AND EQUIPMENT DEALER

FORD TRACTOR

