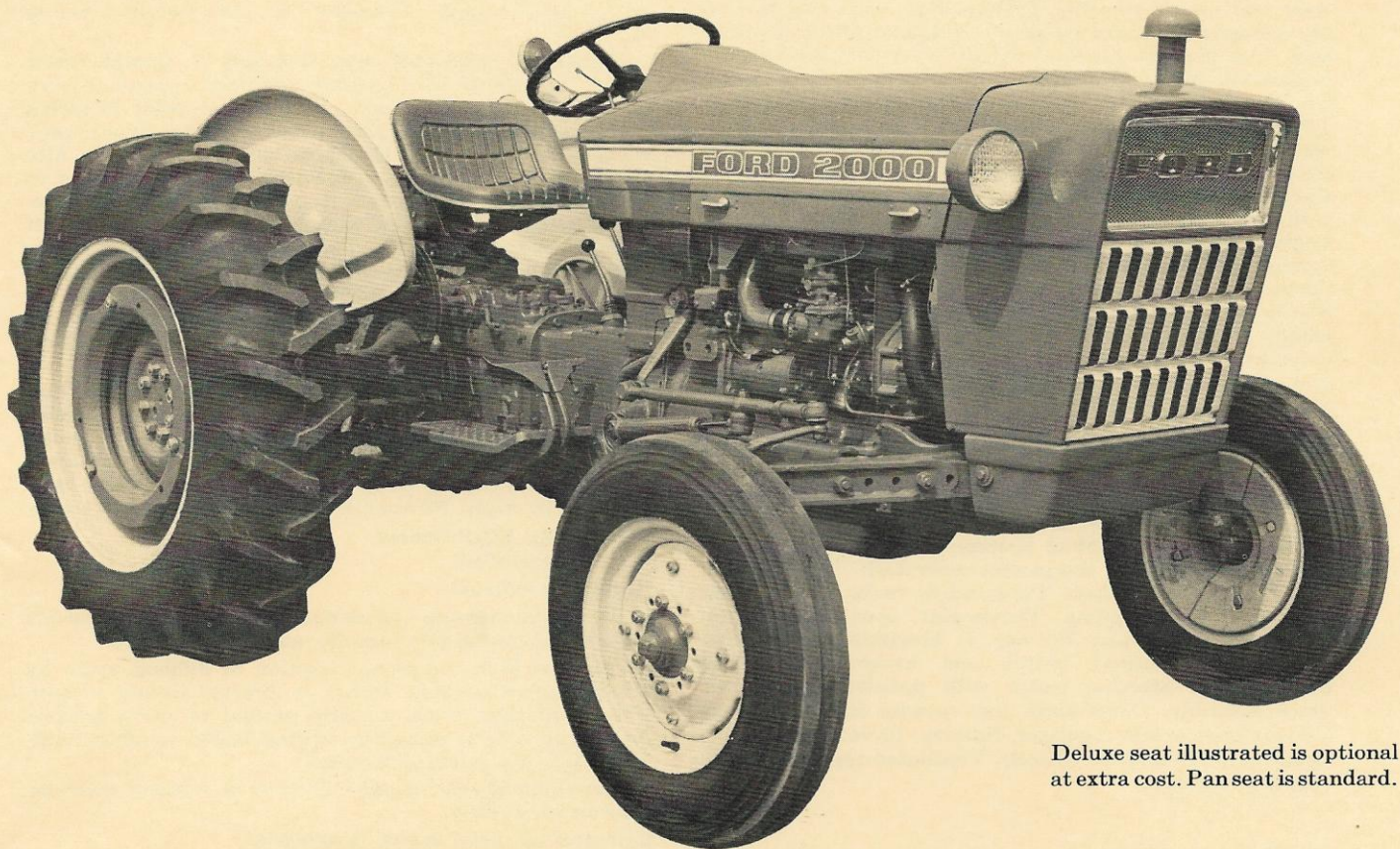


FORD

2000 All Purpose Tractor



Deluxe seat illustrated is optional at extra cost. Pan seat is standard.

SPECIFICATIONS

HORSEPOWER	GAS	DIESEL
Net flywheel hp (observed).....	34.0	35.0
PTO hp (observed, with 4-speed transmission).....	30.5	32.0
Drawbar hp (4-speed transmission).....	27.7	28.9
Drawbar pull, maximum observed with 4-speed transmission with auxiliary over/under transmission.....	4,360 lbs	4,402 lbs
Rated rpm.....	1900	2000
ENGINE TORQUE (fully equipped engine)		
at rated speed, lb-ft.(Observed).....	94	92
Max. torque lb-ft (observed).....	96.5	98.8
at engine speed, rpm.....	1,350	1,200

TRAVEL SPEEDS, approx. @ 2000 rpm with 12.4-28 tires

Gear	with 4-speed transmission	with 8-speed transmission
1st.....	4.0	1.6
2nd.....	4.8	2.0
3rd.....	7.0	3.6
4th.....	14.8	4.8
5th.....		5.8
6th.....		7.2
7th.....		12.8
8th.....		17.4
1st Rev.....	4.2	2.4
2nd.....		8.4

FORD 2000 ALL PURPOSE TRACTOR

ENGINE SPECIFICATIONS

ENGINE, gasoline—In-line vertical type, overhead valve. Number of cylinders: 3. Rated speed: 1,900 rpm. Bore: 4.2 in. Stroke: 3.8 in. Displacement: 158 cu. in. Compression ratio: 7.75:1.

ENGINE, diesel—In-line vertical type, direct injection. Number of cylinders, 3. Rated speed 2000 rpm. Bore: 4.2. Stroke: 3.8. Displacement: 158 cu in. Compression: 17.5:1.

CYLINDER BLOCK—Heavy-duty cast iron with deep skirts and heavy ribs. **Crankshaft**—Four main hardened bearing journals. Journal length, in., 1.46. Diameter, in., 3.37.

Connecting rods—Massive, forged I-beam. Piston bushing, bronze on steel backing. **Bearings**—Sleeve-type, aluminum lined or over-plated copper-lead or aluminum alloy main bearings. **Pistons**—Aluminum alloy, with hardened top ring insert; holds top ring with firm precision to resist wear and extend ring life. **Piston rings**—One oil ring and two compression rings per piston (gasoline); three compression rings (diesel). All rings except lower compression ring are chrome-plated. **Piston pin**—Floating type. Length, in., 3.5. Outside diameter, in., 1.5. **Piston travel** (gasoline)—1,203 fpm @ 1,900 rpm. **Diesel**—1,267 fpm @ 2,000 rpm.

Valves—Positive rotators on exhaust valves. Hardened valve seat inserts. **Camshaft**—High-lift, flat follower type. **Cylinders**—Sleeveless design, increases rigidity of block, transfers heat quickly and uniformly to liquid coolant. **Engine lubrication**—Pressurized system. Main bearings, connecting rod bearings and camshaft bearings pressure lubricated. Rocker arms, pressure lubricated (intermittent). Piston pin bearings, cylinder walls and tappets splash lubricated. Timing drive, squirt lubricated. Push rods, lubricated by drip from rocker arms. Fixed screen intake, 300-hr, 2-qt oil filter, with replacement element. **Carburetor**—Single venturi, updraft type with accelerating valve and power valve. Fuel inlet screen. **Fuel filter**—Disc element and sediment bowl. **Injection pump** (diesel)—Distributor-type. Injector timing, 19 deg. Single fuel filter, replaceable paper element. **Air cleaner**—**Gasoline**: dry-type. Diameter, 6.5 in. Rated air flow, 100 cfm. **Diesel**: oil bath. Rated air flow, 105 cfm. **Cooling system**—Fan, pump-circulated pressurized coolant, thermostat-controlled, with bypass. Full-length water jackets. Tube-and-fin radiator, with pressure cap. 26 gpm pump. Thermostat, open temperature, 168 deg. F.; full open, 192 deg. F. **Electrical starting and ignition**—Key starter switch and transmission safety start switch. Starting motor with positive engagement drive assembly. Centrifugal and vacuum spark advance. Voltage and current regulator. Battery, 12-volt, 80-amp-hr, (gasoline); 128-amp-hr (diesel). Ventilated-type generator, capacity, 22 amp.

Injection nozzles (diesel)—4-orifice type, accessible without removing valve cover.

TRANSMISSION OPTIONS—4-speed: Constant mesh. Four speeds forward, 1 reverse. Forward gears, helical. Reverse gears, helical-spur.

8-speed (dual-range): Provides lowest 4 forward speeds in low range, highest 4 forward speeds in high range, and 2 reverse. Gears, front position, combined helical-spur; rear position and reverse, spur.

FINAL DRIVE—Matched pinion gear and spiral bevel ring gear. Pinion gear, straddle-mounted, carried on 3 roller, 2 tapered, 1 straight bearings. Four-pinion differential, supported on tapered roller bearings. Semi-floating rear axle, with steel forged axle shafts.

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

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PTO OPTIONS

	Trans- mission PTO	Live PTO
4-speed	X	
8-speed	X	X

CLUTCH—Heavy-duty, dry disc. Diameter 11 in. Total facing area, two sides, 118.5 sq in. Foot operated.

FRONT AXLE—Swept-back, adjustable with three forged steel overlapping sections. Center section pivoted within heavy cast support. Tubular pivot pin, diameter, in., 1.75.

STEERING—Manual. Recirculating ball nut type, with 18-in. diameter steering wheel. Steering gear ratio, 15.43:1. Steering wheel turns, stop to stop, 2.6.

BRAKES—Mechanical. Expanding shoe. Brakes can be operated either individually or latched together and operated simultaneously. Diameter, in., 14. Lining area, sq in., 98.46.

HYDRAULIC SYSTEM, and Category I 3-point hitch. "Live" hydraulics with position and draft control. 3-point hitch, hydraulic lifting force, 1,700 lbs. at point 24 inches rear of lower link balls. Engine-driven, piston-type pump, capacity, 4 gpm @ 2,000 engine rpm @ 2,500 psi. Also available: 3-way selector valve which can be installed in the tractor hydraulic system to permit operation of single-acting remote cylinder by means of the 3-point hitch lift control lever. 1-spool or 2-spool remote control valves available to control single-acting or double-acting remote cylinders. These open-center valves provide feathering action from closed position to fully open; may be set for "float"; and automatically return to neutral when cylinders reach fully raised or lowered position.

STANDARD EQUIPMENT—Tachometer-hour meter. Fuel gauge. Swinging drawbar. Fenders. Oil pressure warning light. Generator warning light. Water temperature gauge. Vertical exhaust. Pan seat. Lights, including two headlights, taillight, instrument panel lights. Flashing safety light. 5.50—16-in., 4-ply, F2 front tires. 11.2—28-in., 4-ply R1 rears.

OPTIONAL EQUIPMENT (Factory Installed)

Horizontal exhaust

Power-assist steering—eases maneuvering, frees operator's hand for operation of hydraulic, and hitch controls.

Differential lock—Improves traction in difficult spots by minimizing wheel spin. Power is directed evenly to both wheels, allowing wheel on firm ground to move tractor. As difficult area is passed the spring-loaded coupling automatically unlocks the differential.

Power-adjusted rear wheels—52 to 80 in. without reversing rims on wheel discs.

Coldstart for diesel engine (thermostat)

Deluxe seat

Rear tires 12.4—28., 4-ply, R1. 13.6—24., 4-ply, R1.

ACCESSORIES (Dealer installed)

Auxiliary services control valve. Linkage drawbar. Air pre-cleaner and long stack. PTO guard. Linkage stabilizers. Remote control valve, 1 or 2-spool. Double-acting remote hydraulic cylinders. Quick-release hydraulic coupling (D.A.). Implement work light and switch. Implement warning light. Front wheel weights. Rear wheel weights. PTO belt pulley. Canvas cab. Diesel cold start aids. Slow moving vehicle emblem. Over/under Auxiliary Transmission providing 12 forward, 3 reverse speeds with 4-speed transmission. Front bumper and weight. Tractor radio. Grease gun, holster. Spark plug tire pump. Hydraulic selector valve.

YOUR FORD TRACTOR AND EQUIPMENT DEALER

FORD TRACTOR

