

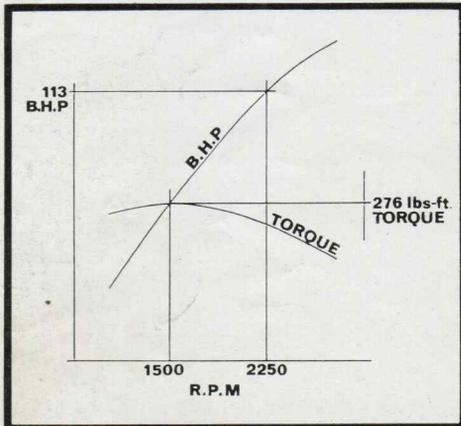
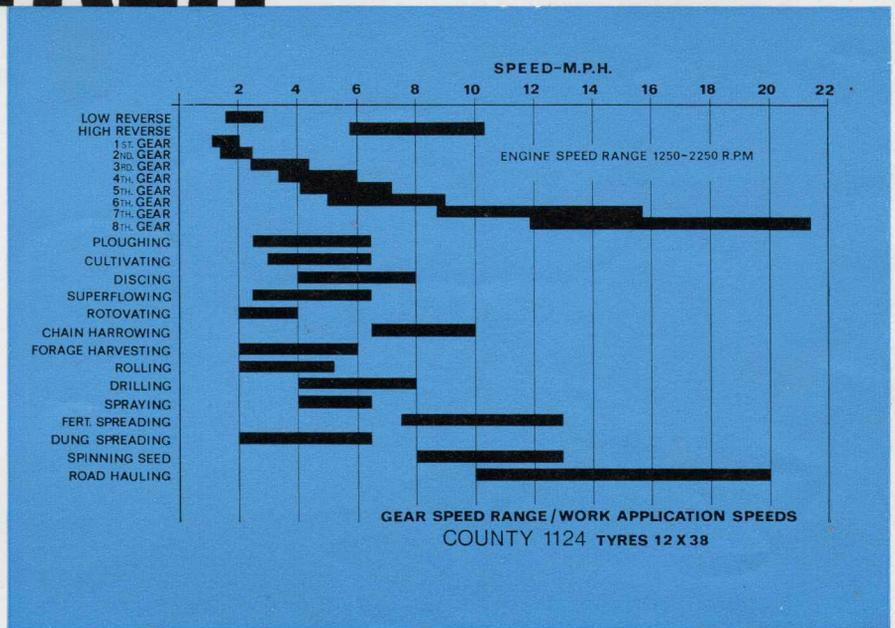
ELEVEN TWENTY-FOUR

\$9543-00



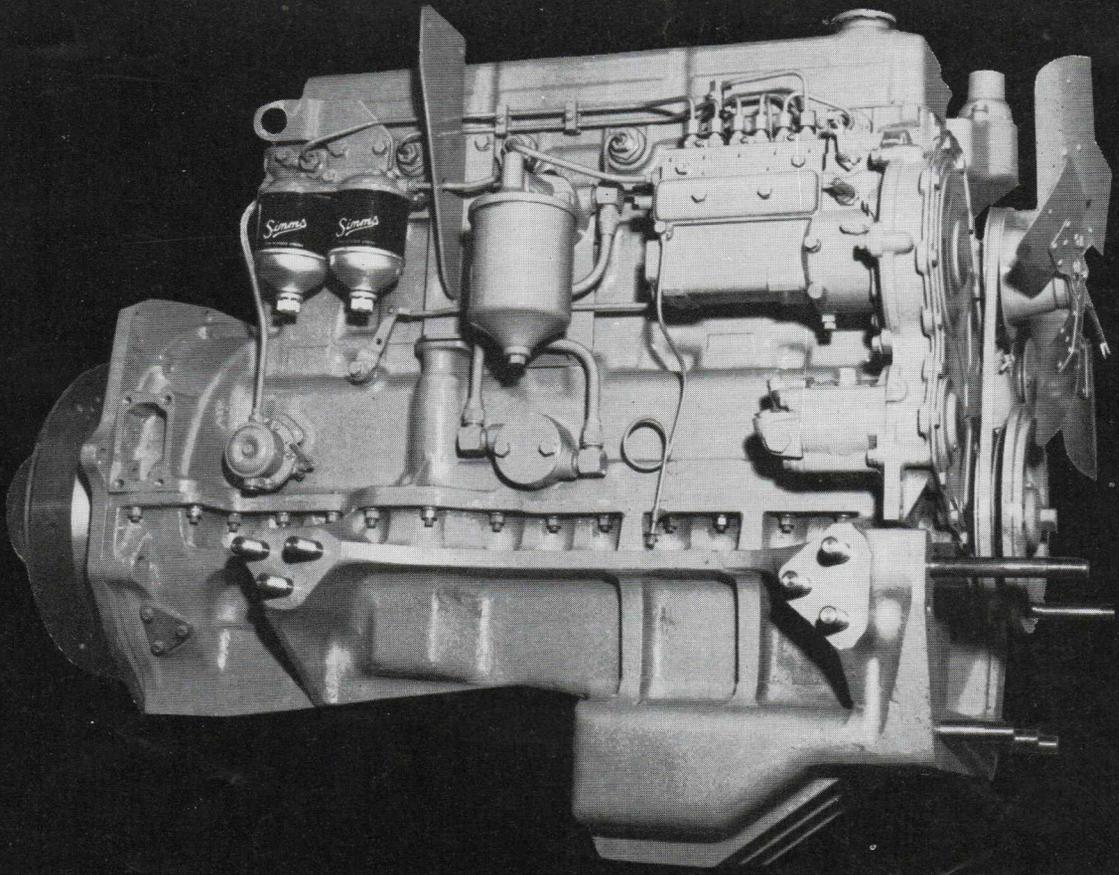
BIG POWER BIG ENGINE BIG WORKER

This tractor has a higher range of gears than other tractors in the 'County' range. This unit will use the power to do jobs faster. The 1124 will give the maximum output per man hour throughout the year.



Big power . . . power from the 2704C engine, the largest available of the Series 2700 engines, the County 1124 is engineered to make all possible use of it for many years to come.

Note the heavy duty Sump, Clutch, Gearbox, Crown wheel, Pinion, Axle shafts, Axle casings.



SPECIFICATION 1124

ENGINE

Ford 2704C 6-cylinder direct injection	O.H.V. Diesel.
Bore	4.22 in. (107.2 mm)
Stroke	4.524 in. (114.9 mm)
Number of crankshaft bearings	7
Cubic capacity	380 cu. in. (6,227 cu. cms)
Compression ratio	16.5 : 1
Gross b.h.p.	113 b.h.p. at 2,250 r.p.m.
Installed h.p.	96 at 2,250 r.p.m.
S.A.E. rating	107 h.p. at 2,250 r.p.m.
DIN rating	102 h.p. at 2,250 r.p.m.
Gross max. torque	276 lb/ft. gross (38.16 kg/m) at 1,500 r.p.m.

TRANSMISSION

Clutch

Engine clutch 14 in. (355.6 mm) dia. heavy duty single plate (dry) clutch, fitted with external lubricator to release bearing.

Gearbox—standard

5-position dual range constant mesh gearbox giving 8 forward speeds and 2 reverse.

Final Transmission

Single rear position differential drives front and rear wheels. Foot pedal operated differential lock (controlling all four wheels) is standard on agricultural tractors.

Front wheels driven from bevel gears mounted on differential output shafts through twin forward extending propeller shafts. Propeller shafts are telescopic and universally jointed, and each shaft drives a spiral bevel pinion and crown wheel housed in individual casings for each front wheel. Casings are pivotally mounted to the front axle beam for steering. Rear wheels driven through epicyclic reduction mounted at extremity of differential output shafts.

Primary reduction—standard: crown wheel and pinion ratio	.. 4.625:1
Secondary reduction—rear axle: epicyclic reduction ratio	.. 4.5:1
—front axle: bevel gear ratio	.. 0.871:1
—crown wheel and pinion ratio	.. 5.166:1

BRAKES

Steering Brakes

Multiplate, mechanical, oil immersed disc brakes, enclosed in rear axle housing sealed against water and dust and mounted on differential output shafts. Brakes operate on both wheels either side. Number of discs per side .. 4 (8 friction faces)
Diameter of discs .. 8.75 in. (222.25 mm)

Transmission Handbrake

Multi disc, dry type, mounted on counter shaft driven through bevel gears from output shaft of gearbox. Number of discs .. 2 (4 friction faces)
Diameter of discs .. 4.0 in. (101.6 mm)

STEERING

Ford 5000 recirculatory ball steering box with external hydraulic power assistance.

FRONT AXLE

Front axle and radius rods assembly pivots on heavy cast cross-member beneath front of engine and pivot bracket beneath rear of engine. Both bearings are sealed and the front cross-member bearing includes an adjustable double thrust bearing.

HYDRAULIC LIFT LINKAGE

British Standard Category II type implement linkage. Draught and position control hydraulics with flow control. Gear type pump, output 5.24 galls/min (23.82 L/min) at 2,200 r.p.m.

Operating pressure 2,500 lb/in² (176 kg/cm²)

One or two booster rams available for operation with extra heavy implements.

CAPACITIES

Water	.. 30 pints (17.0 litres)
Engine oil	.. 24 pints (13.6 litres)
Gearbox (8 speed transmission)	.. 18.5 pints (10.5 litres)
Rear transmission—centre	.. 49 pints (27.8 litres)
(including hydraulic power lift)	
Rear transmission—outer	.. per side 10.5 pints (6.0 litres)
Front axle housings	.. per side 7 pints (4.0 litres)
Drive shaft housings	.. per side 0.5 pints (0.3 litre)
Fuel tank	.. 16.6 Imp. galls (75.4 litres)
Power steering reservoir	.. 4 pints (2.27 litres)

TYRE SIZES

12 x 38 6-ply	14 x 34 6-ply
14 x 30 6-ply	14 x 30 8-ply
12 x 36 6-ply	18 x 26 8-ply
15 x 30 6-ply	14 x 34 8-ply

DIMENSIONS

Wheelbase—71.6 in. (1.82 m).
Overall length—161.0 in. (4.09 m).
Track centres adjustable to 60, 64, 68, 72, 76, 80, 84 in. (12 x 38 or 12 x 36) { 1.52, 1.63, 1.73, 1.83, 1.93, 2.03, 2.14 m.
Minimum ground clearance—15 in. (402 mm).

P.T.O.

Standard

Rear mounted independent full power P.T.O.

Max. power—93 h.p.

Speed—1,000 r.p.m. at engine speed 2,060 r.p.m.

Shaft—1½ in. (34.9 mm) 21 involute splines.

Clutch—wet disc hydraulically operated hand control.

GEARBOX

Overall ratios and calculated land speeds at rated engine. Gearbox—standard 5-position dual range constant mesh giving 8 forward speeds and 2 reverse.

Road speeds in gears at 2,250 r.p.m. rated engine speed.

Gear	12 x 38		14 x 30	
	m.p.h.	k.p.h.	m.p.h.	k.p.h.
1	2.01	3.23	1.87	3.0
2	2.51	4.04	2.33	3.75
3	4.41	7.10	4.09	6.58
4	6.01	9.67	5.57	8.96
5	7.21	11.60	6.68	10.75
6	8.97	14.43	8.31	13.37
7	15.72	25.30	14.57	23.45
8	21.39	34.42	19.82	31.90
High reverse	10.33	16.62	9.56	15.38
Low reverse	2.90	4.67	2.68	4.31

OPTIONAL EXTRAS

1 or 2 assister rams

Full length swinging drawbar

Auxiliary fuel tank
Cabs

SHIPPING SPECIFICATIONS

Super 6 unpacked all standard equipment with 14 x 30 6-ply tyres.

Weight	.. 8,983 lb. (4,074 kgs)
Length	.. 161 in. (4.09 m)
Height	.. 89 in. (2.26 m)
Width	.. 86 in. (2.184 m)

Specification subject to change without notice.

COUNTY COMMERCIAL CARS LTD.

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