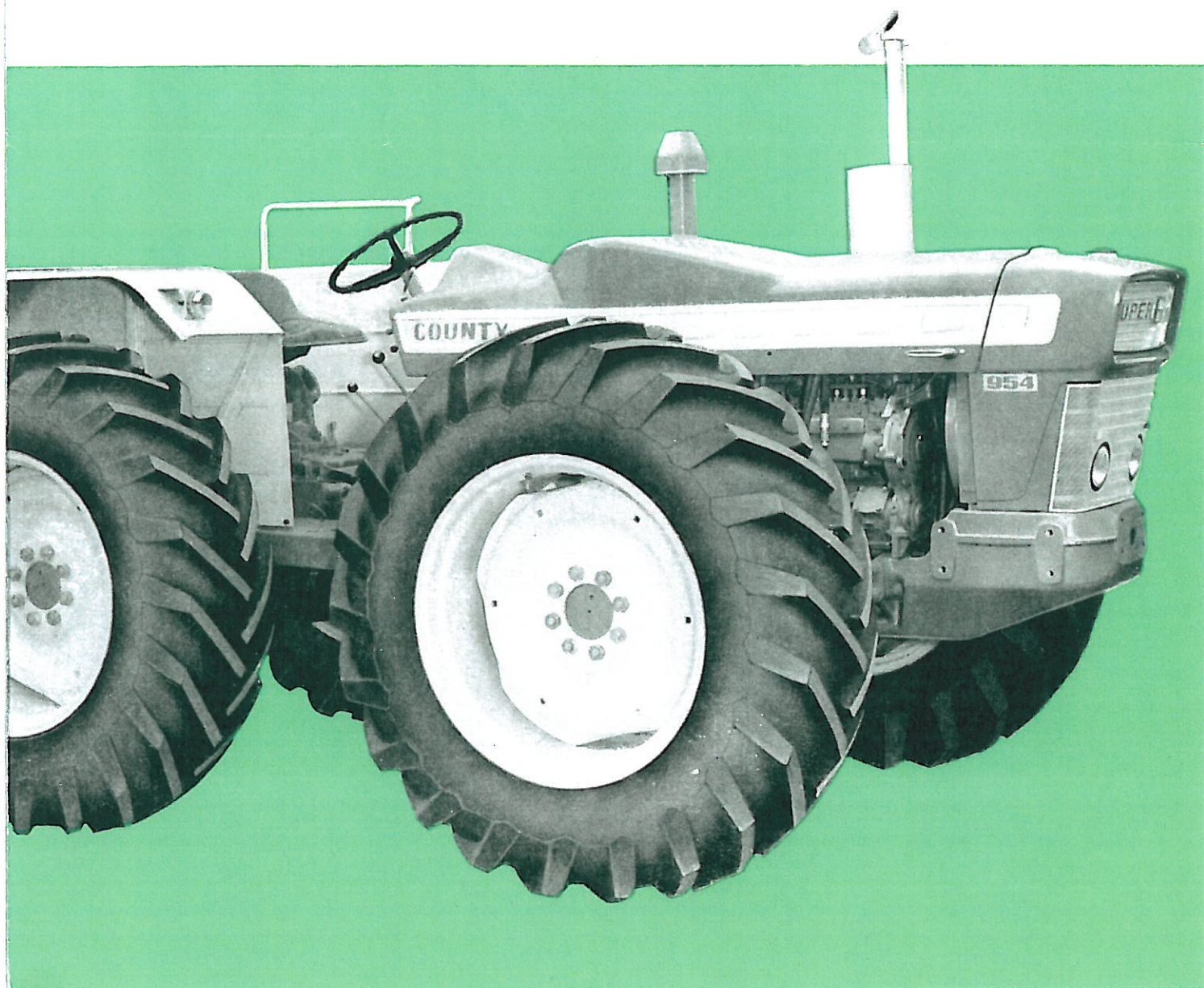
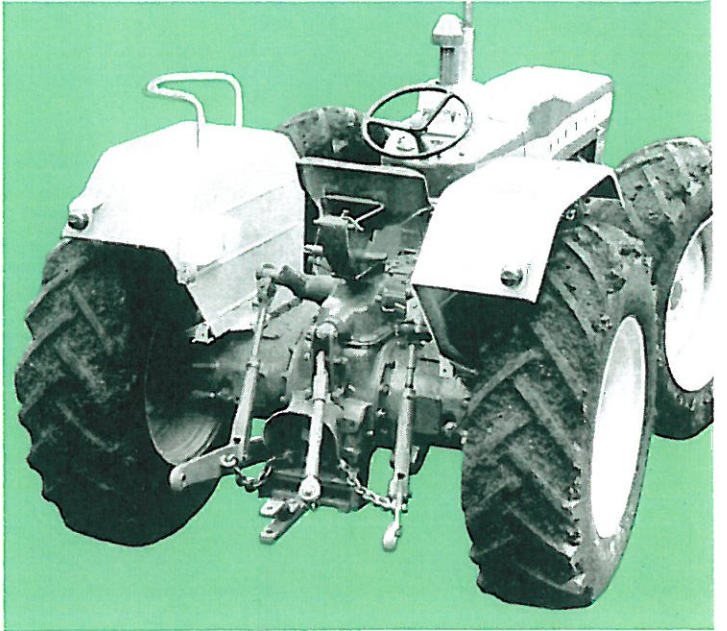


COUNTY

super-6
model 954

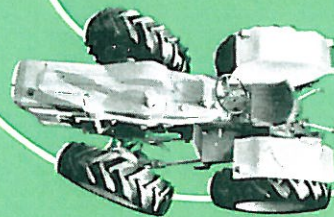


SUPER-6 954 FOUR WHEEL DRIVE TRACTOR



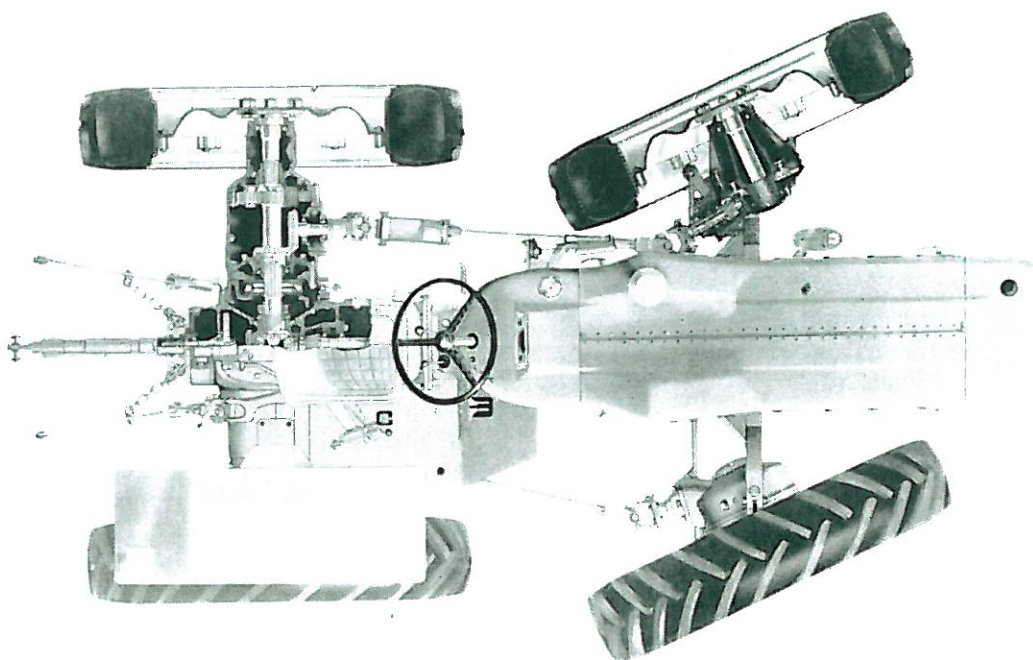
Complete Manoeverability

Tight Turning Circle



The model 954 County Super 6 four wheel drive tractor gives big tractor performance with small tractor versatility. Using the Ford 2703E industrial six cylinder diesel engine giving 95 b.h.p. gross, with a special 14" clutch and the renowned County four wheel drive layout, this tractor can transmit the maximum horsepower under the worst conditions.

County four wheel drive design allows for the use of four equal sized wheels with a single lockable differential, and the front axle is capable of transmitting maximum engine torque. Both wheels either side are permanently engaged. Steering brakes act on both front and rear wheels resulting in a tight turning circle. A choice of wheels can be fitted and wheel adjustment is possible.





Super six model 954

ENGINE

Ford 2703 E Series 6 cylinder, direct injection, O.H.V. diesel.
 Bore 3.9375 in. (100 mm)
 Stroke 4.524 in. (114.9 mm)
 Cubic Capacity 330 cu. in. (5,409 c.c.)
 Number of crankshaft bearings 7
 Compression ratio 16.5:1
 Gross b.h.p. 95 at 2,100 r.p.m.
 Gross max. torque 250 lb./ft. at 1,700 r.p.m.

TRANSMISSION

Clutch

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

Gearbox—standard

8-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 .. 5.28:1
 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, wet 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. 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 galls/min (22.7 l/min) at 2,100 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 22 pints (12.5 litres)
 Gearbox (8 speed transmission) 31.4 pints (17.9 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 pint (0.3 litre)
 Fuel tank 16.6 imp. galls (75.4 litres)
 Power steering reservoir 4 pints (2.27 litres)

TYRE SIZES

11 x 36 6-ply 12 x 36 6-ply 14 x 30 6-ply
 11 x 38 6-ply 12 x 38 6-ply 14 x 30 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.
 1.52, 1.63, 1.73, 1.83, 1.93, 2.03, 2.14 m.
 Minimum ground clearance—15.8 in. (402 mm)

WEIGHTS

Total weight with H.P.L. and three-point linkage 8,740 lb. (3,965 kgs.)
 Front axle weight 4,950 lb. (2,245 kgs.)
 Rear axle weight 3,790 lb. (1,720 kgs.)

P.T.O.

Rear mounted independent P.T.O. 56 h.p. rated capacity.
 Speed—540 r.p.m. at 1,900 r.p.m. engine speed.

Shaft—1 1/8 in. (34.9 mm) dia., 6 spline.
 Clutch—Wet disc, hydraulically operated hand control.

GEARBOX

Overall ratios and calculated land speeds at rated engine speed

Gearbox—standard 8-position dual range constant mesh gearbox giving 8 forward speeds and 2 reverse.
Road speeds in gears at 2,100 r.p.m. rated engine speed.

Gear	Gearbox ratio	Overall ratio	12 x 38 tyres		14 x 30 tyres	
			Land Speed	Land Speed	Land Speed	Land Speed
			m.p.h.	k.p.h.	m.p.h.	k.p.h.
1	9.06	215.52	1.66	2.67	1.55	2.49
2	7.30	173.65	2.06	3.32	1.93	3.11
3	4.16	98.96	3.61	5.81	3.38	5.44
4	3.06	72.79	4.91	7.90	4.60	7.40
5	2.54	60.42	5.91	9.51	5.54	8.92
6	2.05	48.76	7.33	11.80	6.87	11.06
7	1.17	27.83	12.84	20.66	12.03	19.36
8	0.86	20.46	17.47	28.11	16.37	26.34
High Reverse	1.78	42.34	8.44	13.58	7.91	12.73
Low Reverse	6.36	151.29	2.36	3.80	2.21	3.56

OPTIONAL EXTRAS

1 or 2 assister rams on rear hydraulics.
 Full length swinging drawbar.
 Cabs.

SHIPPING SPECIFICATION

Super 6 unpacked all standard equipment with 14 x 30 6-ply tyres.
 Weight 8,740 lb. (3,965 kgs.)
 Length 161 in. (4.09 m)
 Height 90 in. (2.29 m)
 Width 82 in. (2.08 m)

All figures are approximate. Specification subject to change without notice.

COUNTY COMMERCIAL CARS LIMITED

FLEET, HANTS TELEPHONE: FLEET 1155 CABLES: TLX 85138 COUNTY, FLEET, ALDERSHOT