

FORD TRADER

MARK II

TRUCKS

7 TON MODELS

THAMES FORWARD CONTROL



TRUCK WITH FORD

Now more ways better, practical Mk. II Traders have proved more profitable still!

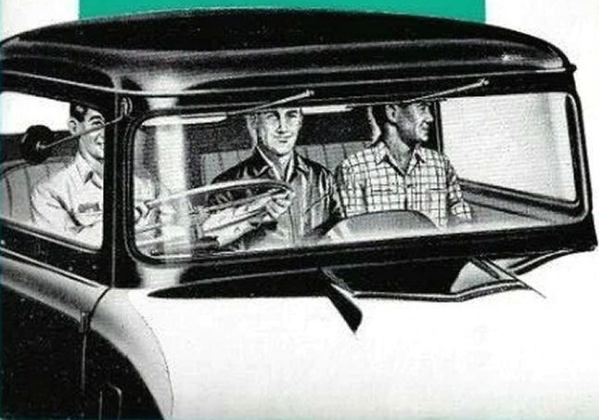
Modern design, now with improved chassis, engines, transmission, suspensions, brakes, and steering. These improvements, results of arduous work-testing, are reasons why Traders are the greatest cost-cutters and work-easers in the truck business.

WITH THESE BIG ADVANTAGES— TRADERS WILL HELP YOUR JOB!

COMFORT-STYLE CABS

for driver and crew ease

Traders' cab-forward position provides panoramic visibility for the crew. In addition to the big 1-1/2-foot windscreen, large side windows and triple rear windows combine in all-round vision. The cabs have plenty of room for three big men, seated in a relaxed position, or four smaller seats designed to virtually eliminate bounce when traveling unladen. The engine is completely insulated from the cab. In addition, the air-flow is designed to combine with cab insulation for summer coolness. In winter, control of this air intake provides comfortable snugness. The cab is mounted flexibly on the chassis to eliminate vibration, and the risk of distortion to cab metalwork.



FORWARD CONTROL

—for more load capacity and easier handling. Consider these advantages:

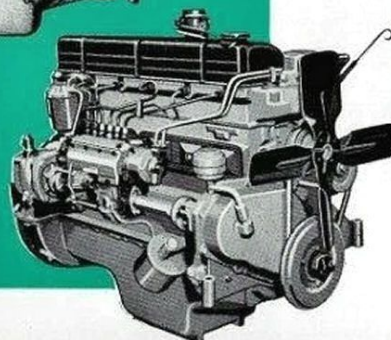
1. Up to 25 per cent increase in payload capacity over normal control trucks of similar wheelbase.
2. Balanced weight distribution. Laden or unladen the weight is distributed in the correct proportions over the front and rear axles—60 on the front axle and 40 on the rear axle. This even loadspreading minimises stresses on chassis, suspension and transmission.
3. Shorter wheelbases, made possible by forward control, give smaller turning circles, better manoeuvrability, less driver fatigue.
4. Shorter overall length allows a chassis design with greater strength, less 'deadweight' than in normal construction.

ECONOMY POWER ENGINES

Ford Trader operators have a choice of two economy-power engines.

The 6-cylinder O.H.V. petrol engine, fitted as standard, develops a net 49 b.h.p. at 1,800 r.p.m. and a torque of 242 lbs. ft. at 1,300 r.p.m. The compact, simplified and long-lived O.H.V. diesel is optional at extra cost. It features a high fuel torque curve, with a net of 242 lbs. ft. at 1,500 r.p.m. and a net power development of 100 b.h.p. at 2,500 r.p.m. This diesel provides nearly efficient top gear performance with less effort under heavy load conditions. Mk. II Trader engines feature strengthened exhaust valves and springs, improved seating on cylinder linings. The diesel's new fuel injection pump incorporates a mechanical governor, which maintains both maximum fuel economy and correct power for each particular load.

Spare tyre is optional at extra cost.



DOUBLE LIFE CHASSIS FEATURES

—and no wasteful excess

weight. Trader chassis have been designed for double-life strength. The ladder-type structure has alligator-type centre cross members and boxed front ends for extra rigidity. The flat chassis plan simplifies body building and its shorter length, due to cab-forward design, gives added strength with reduced weight. Brakes are more efficient, with servo-assistance to give maximum effect with minimum pedal pressure. Strengthened spring and shock absorber mountings, and shackles pins, even more rugged chassis side members and a bigger, regular 2-speed rear axle (when fitted) are features of the Mk. II model Trader.

The chassis dimensions, as tabulated below, demonstrate the big margin of rugged strength which the Mk. II Ford Trader provides for its work assignments.

	Side Member Depth	Side Member Thickness	Flange Width	Section Modulus
7-ton	9"	.264/.288"	2.8"	9.36"

Ford 12/12 Warranty big benefit to Trader owners

Every Ford Thames Trader Truck is warranted against defects in materials and workmanship for 12,000 miles or 12 months, whichever comes first. Owners are responsible only for normal maintenance and routine replacement of maintenance items. This big owner-benefit is provided without any increase in the low prices of Ford Thames Trader Trucks.



NEW FORD FORWARD CONTROL TRADER MK. II 7 TON

ABRIDGED SPECIFICATIONS

WEIGHT RATINGS:

Gross Vehicle Weight — 25,000 lbs.

Gross Combination Weight — 40,000 lbs.

138" w/base	Front axle	3925 lbs.
	Rear axle	2793 lbs.
	Total	6718 lbs.

160" w/base	Front axle	4042 lbs.
	Rear axle	2736 lbs.
	Total	6778 lbs.

AXLE CAPACITIES:

Front: 8,500 lbs.

Rear: 18,500 lbs.

FRAME:

Straight-type pressed steel channel, 9" x 2.94" x .276".

ENGINE:

Standard:

6 cyl. O.H.V. Petrol 33.6 h.p. (RAC).

Bore: 3.7405", Stroke: 4.524".

Displacement: 298.3 cu. ins.

Compression Ratio: 6.4:1.

Max. B.H.P. Gross: 112 @ 3,000 r.p.m.

Max. B.H.P. Nett: 109 @ 3,000 r.p.m.

Max. Torque Gross: 250 lb./ft. @ 1,300 r.p.m.

Max. Torque Nett: 242 lb./ft. @ 1,300 r.p.m.

Total Weight: 846 lbs. Fuel tank: 20 gals.

Optional:

6 cyl. O.H.V. Diesel 37.2 h.p. (RAC).

Bore: 3.9375", Stroke: 4.524".

Displacement: 330.52 cu. ins.

Compression Ratio: 16.0:1.

Max. B.H.P. Gross: 108 @ 2,500 r.p.m.

Max. B.H.P. Nett: 100 @ 2,500 r.p.m.

Max. Torque Gross: 253 lb./ft. @ 1,500 r.p.m.

Max. Torque Nett: 242 lb./ft. @ 1,500 r.p.m.

Total Weight: 947 lbs. Fuel tank: 20 gals.

COOLING SYSTEM:

Thermo syphon assisted by centrifugal belt driven pump. Thermostat incorporated with a by-pass, for rapid warm up. Four blades fan. Capacity of system 29 pints (petrol), 30 pints (diesel).

CLUTCH:

Hydraulically operated release. Semi-centrifugal single dry plate. Permanently lubricated clutch release bearing. Fluid reservoir integral with brake fluid reservoir. Diameter—Petrol engine: 12" diameter, lining area 141.4 sq. ins. Diesel engine: 12" diameter, lining area 129.8 sq. ins.

TRANSMISSION:

Synchromesh 2nd, 3rd, 4th, 5th. Five forward speeds. Ratios: Forward, 7.58, 4.38, 2.40, 1.48, 1.00; reverse, 7.20. P.T.O. opening both sides. Lubrication capacity: 9 pts.

AXLE, FRONT:

"I" section beam with reversed Elliott stub axles.

AXLE, REAR:

Standard: 2-speed Eaton, type 16802, fully floating spiral bevel final drive.

Ratio: 6.14/8.54.

BRAKES:

Girling hydraulic with Hydrovac HSR1/950 booster. Fitted with brake warning light.

Front service: HLS/S 16 x 3".

Rear service: 2LS/P 15.25 x 5".

SUSPENSION:

Conventional longitudinal semi-elliptic leaf springs with anchor at front and shackle

at rear.

Front: 12 leaves—45" x 2.5". Cap. @ pad,

3,553 lbs.

Rear: 12 leaves—52" x 3". Cap. @ pad,

6,250 lbs.

Auxiliary: 7 leaves. Cap. @ pad, 2335 lbs.

SHOCK ABSORBERS:

Front: lever arm—standard.

Rear: lever arm—optional only.

WHEELS:

3-piece, wide base, 6.5-20.

Wide base. 8 stud.

STEERING:

Bishop, worm and peg, 23.5:1.

Gear ratio: 23.5:1.

TYRES:

2—9.00 x 20—12-ply.

4—9.00 x 20—12-ply.

Spare: Optional at extra cost.

INSTRUMENTS:

On centrally mounted nacelle—

Speedometer, odometer, fuel gauge, temp.

gauge, hi-beam warning, oil warning,

generator warning, instrument light switch,

key start switch, vacuum gauge (diesel).

Steering-column mounted—

Self-cancelling flashing light turn signals, headlight switch, horn button.

GENERAL:

Interior light, driver's sun visor, door pull handles, cab ventilated by two ducts, driver's log book holder. Eaton 2-speed axle shift instruction plate on driver's sun visor. Engine stop control (diesel).

ELECTRICAL SYSTEM:

Type: 12 volt.

Generator: "Lucas" compensated voltage control. Maximum output, 19 amps. at 1,900 r.p.m.

Starter—Petrol: "Lucas" key turn operation.

Diesel: "Lucas" manual operation.

Distributor: "Lucas" automatic centrifugal

and vacuum advance control.

Drive: Vertical drive from camshaft.

Coil: "Lucas" oil-filled.

Batteries: Capacity—Petrol: One 12-volt,

57-amp./hr. at 20-hour rate, single unit.

Diesel: One 12-volt, 129-amp./hr at 10-

hour rate, double unit.

Lights: Two headlamps with prefocused

42/36-watt bulbs, two sidelamps, twin

stop/tail lights, rear number plate

illumination lamp.

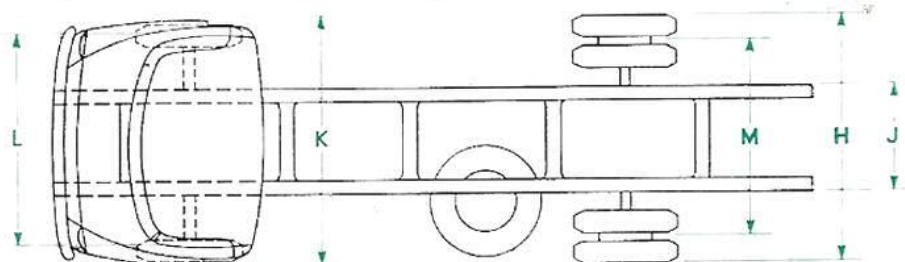
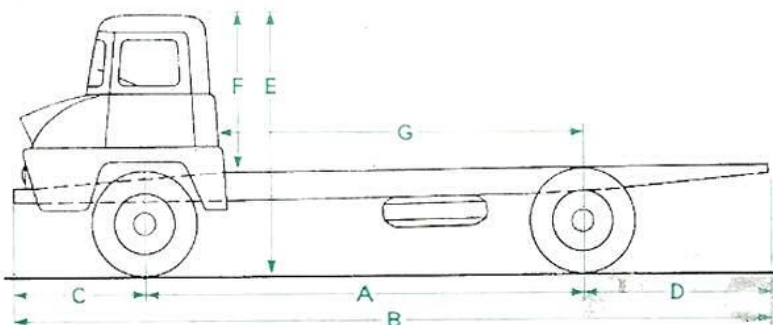
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GENERAL DIMENSIONS

7 Ton — Short Wheelbase

7 Ton — Long Wheelbase

	138"	160"
A	138"	160"
B	245.5"	275.5"
C	47.25"	47.25"
D	60.25"	68.25"
E	93.5"	93.5"
F	56.25"	56.25"
G	112.44"	133.44"
H	87.1"	87.1"
J	34.62"	34.62"
K	85"	85"
L	72.52"	72.52"



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