

LOTUS THREE-7 SPECIFICATION.

LOTUS TYPE NUMBER 37 CLUBMANS FORMULA RACING CAR.

- FRAME/BODY: Tubular space frame using round and square tubing and alloy skin body panels, stressed undertray, and propeller shaft tunnel with glass fibre wing and nose sections. Fully triangulated chassis/body unit.
- FRONT SUSPENSION: Independent by double wishbones using wide bared lower tubular wishbone and forged top arm/anti-roll bar forming upper wishbone. Springing by coil springs and Armstrong type shock absorber units.
- REAR SUSPENSION: Fully independent Formula Junior type rear suspension with chassis mounted differential, fixed length drive shafts, aluminium hub carriers and parallel radius arms. Springing by coil springs and Armstrong telescopic shock absorber units.
- BRAKES: 9" Girling disc hydraulically operated front and 9 $\frac{1}{2}$ " rear mounted outboard at the front and inboard at the rear. Handbrake operating on all 4 wheels. Twin master cylinders providing independent operation and adjustment between front and rear wheels.
- STEERING: Lightweight rack and pinion unit with lightweight leather covered steering wheel.
- POWER UNIT: Cosworth-Ford Mark 9 o.h.v. 1500 c.c. four cylinder engine fitted with twin Weber carburettors and dry sump lubrication developing 120 bhp. at 6,500 r.p.m.
- TRANSMISSION: Single dry plate hydraulically operated 7 $\frac{1}{4}$ " diaphragm clutch mounted between the engine and 4-speed and reverse close ratio all synchromesh gearbox. Gearbox bell-housing, tail shaft and remote gear change casing in light alloy. Solid propeller shaft with 2 universal joints driving hypoid differential mounted in light alloy housing. Ratio 4.22:1. Alternative crown wheel and pinion ratios 3.7:1, 4.55:1, 4.875:1.
- COOLING SYSTEM: Tube and gill large capacity radiator mounted in nose with separate oil cooler. Remotely mounted oil tank feeding dry sump system.
- FUEL SYSTEM: Rear mounted fuel tank 8 Imperial gallons (9.6 U.S. galls. 36.5 litres) Bendix high pressure electric fuel pump.
- BODYWORK: Detachable glass fibre moulded nose cowl and glass fibre wings front and rear. Remainder of body in aluminium. Perspex curved aeroscreen. Lightweight rear view mirror, tonneau cover, cycle type front wings.
- ELECTRICAL SYSTEM: Ignition by coil and distributor. Centrifugal advance and retard. 12v. 57 amp./hr. battery mounted on scuttle. Electric starter. Single spot/head lamp, separate side lamps, stop and tail lamps and number plate illuminating lamp. Horn and provision for windscreen wipers.
- INSTRUMENTS: 0-8000 r.p.m. tachometer, oil pressure gauge, water temperature gauge, ammeter and speedometer.
- WHEELS AND TYRES: Lightweight cast magnesium wheels 13" diameter front and rear, rim width 6" front and rear, fitted with 500 x 13 front and 550 x 13 rear Dunlop R6 racing tyres.
- DIMENSIONS: Wheel base 7' 4"; track front and rear 4' 1 $\frac{1}{2}$ "; overall length 12'; overall width 5'; height to scuttle 2' 4"; turning circle 28'; ground clearance 5".
- PRICE: In component form - ex works with Cosworth-Ford power unit £ 1,350.
Assembled for export only - ex works with Cosworth-Ford power unit £ 1,425.

In keeping with the Company's progressive policy, we reserve the right to change prices and/or specifications without prior notice.

LOTUS COMPONENTS LTD. DELAMARE RD. CHESHUNT. HERTS. TELEPHONE: WALTHAM CROSS 26181.

COMPS. 6 - JAN 65.