JAGUAR

THE FINEST CAR OF ITS CLASS IN THE WORLD
Speciﬁcation 3½ LITRE XK 120 FIXED HEAD COUPE

ENGINE. Six cylinder 3½ litre Jaguar engine; 78° twin overhead camshafts driven by a two-stage Duplex roller chain; 83 mm. bore × 106 mm. stroke; 3,442 c.c., developing 160 b.h.p. at 5,200 r.p.m.; large directly operated valves and automatic cast-iron seats; compression ratio, 8 or 7:1; high grade chrome iron cylinder block, cooling by pump circulation with by-pass thermostat control; cylinder head of high tensile aluminium alloy with hemispherical combustion chambers; aluminium alloy pistons; steel connecting rods; forced lubrication throughout by submerged pump with full ﬂow ﬁlter and ﬂoating gauge intake; twin S.U. horizontal carburetters with electronically controlled automatic choke; countershafted crankshaft carried in seven large steel backed precision bearings, 2 in. diameter.

FRAME. Straight plate steel box section frame of immense strength; torsional rigidity ensured by large box section cross members.

TRANSMISSION. Four-speed single helical synchronesh gearbox, ground teeth gears running on needle bearings; synchromesh on 2nd, 3rd and top. Gear ratios: 1st, 11.95; 2nd, 7.93; 3rd, 4.94; 4th, 3.54; optional axle ratio: 3.31, 3.77, 4.09, 4.77 and 5.53. Hardy Spicer propeller shaft with needle roller bearings; Borg & Beck 10 in. diameter single dry plate clutch; central gear lever with remote control.

SUSPENSION. Independent front suspension incorporating transverse wishbones and long torsion bars with Fearnall telescopic type hydraulic shock absorbers. Rear suspension by long silco-mangante steel half elliptic springs controlled by Girling PV.7 hydraulic shock absorbers. Rear springs totally enclosed in gaiters ﬁtted with grease nipples.

BRAKES. Lockheed full hydraulic, two-leading-shoe front: 12 in. drums; friction lining area, 257 square in.; front drum brake ﬁtted with cooling vents; central foot-of-handbrake operating on the rear wheels only through a separate linkage.

STEERING. worm re-circulating ball type steering, positive and accurate at all speeds; 15 in. Bloomer adjustable wheel. Left or right-hand steering optional.

WHEELS AND TIRES. Pressed steel bolt-on disc wheels with wide base rim and Dunlop 5.00 x 16 in. road speed tires.

FUEL SUPPLY. By a new large delivery S.U. electric pump from a 15 gallon rear tank with reserve supply and warning light; petrol ﬁller cap concealed and ﬁtted with lock and key.

ELECTRICAL EQUIPMENT. Lucas de luxe throughout. 12 volt, 64 am. capacity, twin batteries with constant voltage controlled ventilated dynamo; 10 hour discharge, ﬂush ﬁtting head lamps and wing lamps, stop light, reverse light, twin rear lights, panel light, interior light, twin blinaded-note horns, twin-blade screen wiper, cigar lighter, starter motor, vacuum and centrifugal automatic ignition advance.

INSTRUMENTS. 5 in. diameter 140 m.p.h. speedometer; 5 in. diameter revolution counter, ammeter, oil pressure gauge, water thermometer gauge, petrol gauge with warning light, electric clock.

CAR HEATER. Built-in car interior heater incorporating de-foster and de-mister.

BODY. Two-seater ﬁxed head coupe; seating upholstered in ﬁnest quality leather on Dunlopilite; safety glass all round; four ventilating windows; adjustable air vents; windscreen washer ﬁtted as standard equipment.

SEATING. Divided seat and squab, independently adjustable for reach.

INTERIOR APPLIANCES. Instrument panel and garnish rails ﬁnished in ﬁnest quality figured walnut; rubber hose, glove drawer and ashtray.

SPARE WHEEL AND TOOLS. The spare wheel is carried beneath the boot ﬂoor in a separate compartment and is readily accessible. The tools and jack are carried in a special container ﬁtted to the side of the luggage compartment, and the wheel brace is housed in the spare wheel compartment.

LUGGAGE ACCOMMODATION. Ample accommodation is provided in a capacious rear locker, provided with an automatic light. There is also provision for parcels behind seats.

EASY JACKING. A central jack on each side of the car raises both wheels simultaneously with the minimum of effort by means of a special easy-lift jack.

PRINCIPAL DIMENSIONS. Wheelbase, 8 ft. 6 ins.; track front, 4 ft. 4 ins.; track rear, 4 ft. 2 ins.; overall length (over bumpers), 14 ft. 5 ins., approximately; overall width, 5 ft. 2 ins.; overall height, 4 ft. 5½ ins.; ground clearance, 7½ ins.; unladen turning circle, 31 ft. 6 ins.; dry weight, 252 cwt.

ALTERNATIVE EQUIPMENT. For sporting events an alternative 24 gallon fuel tank and two spare wheels can be supplied. This is not generally recommended owing to the considerable reduction in luggage accommodation.

SPECIAL EQUIPMENT MODEL. In addition to the above speciﬁcation a Special Equipment Model is available incorporating high lift camshafts and wire wheels.

**Specification 3½ LITRE XK 120 DROP HEAD COUPE**

**ENGINE.** Six cylinder 3½ litre Jaguar engine: 190° twin overhead camshafts driven by a two-stage duplex roller chain; 85 mm. bore x 106 mm. stroke; 8,102 c.c. developing 160 b.h.p. at 5,200 r.p.m.; large directly operated valves and austere cast-iron seats; compression ratio, 8 or 7:1; high grade chrome-iron cylinder block, cooling by pump circulation with by-pass thermostat control; cylinder head of high tensile aluminium alloy with hemispherical combustion chambers; aluminium alloy pistons; steel connecting rods; forced lubrication throughout by submerged pump with full flow filter and flowing gauze intake; twin S.U. horizontal carburettors with electrically controlled automatic choke; 24 in. diameter counterweighted crankshaft carried in seven large steel backed precision bearings.

**FRAME.** Straight tube steel box section frame of immense strength; torsional rigidity ensured by large box section cross members.

**TRANSMISSION.** Four-speed single helical synchronesh gearbox, ground teeth gears running on needle bearings; synchronesh on 2nd and 3rd gear. Gear ratios: (1st and reverse, 11.95; 2nd, 7.64; 3rd, 4.84; top, 3.50; optional axle ratio, 3.31, 3.75, 4.09, 4.47 and 4.55.

**SUSPENSION.** Independent front suspension incorporating transverse wishbones and long torsion bars with Newton telescopic type hydraulic shock absorbers. Rear suspension by long silico-manganese steel half elliptic springs controlled by Girling P.V.7 hydraulic shock absorbers.

**BRAKES.** Lockheed full hydraulic two-leading-shoe front and 12 in. drums; friction lining area, 200 sq. in.; front drums fitted with cooling ducts; central by-pass handbrake actuating on the rear wheels only.

**STEERING.** Dunlop recirculating ball type steering; 17 in. Blumen adjustable wheel. Left or right-hand steering optional.

**WHEELS AND TYRES.** Pressed steel four-spoke disc wheels with Dunlop 6.00 x 16 in. road speed tyres.

**FUEL SUPPLY.** By large delivery S.U. electric pump from a 15 gallon rear tank with petrol level warning light.

**ELECTRICAL EQUIPMENT.** Lucas de luxe throughout; 12 volt, 64 amp. capacity; twin batteries with constant voltage controlled ventilated dynamo; 10 hour discharge, flash fitting head lamps and wing lamps, stop light, reverse light, twin rear lights, panel light, fitted interior light, twin blended-note horns, twin blade screen wiper, cigar lighter, starter motor, vacuum and centrifugal automatic ignition advance.

**INSTRUMENTS.** 5 in. diameter 140 m.p.h. speedometer, 5 in. diameter revolution counter, ammeter, oil pressure gauge, water thermometer gauge, petrol gauge with warning light, electric clock.

**BODY.** Two-seater convertible; covered in moiré with fully lined interior; top folds flat in stowed position; divided seat and squab separately adjustable for reach, upholstered in finest leather; drop windows of safety glass disappear completely when fully lowered; additional adjustable ventilating windows; heater, air conditioning, windscreen washer, sun visors, fitted as standard.

**SPARE WHEEL AND TOOLS.** The spare wheel is carried beneath the boot floor in a separate compartment and is readily accessible. The tools are carried in special container fitted to the side of the luggage compartment.

**LUGGAGE ACCOMMODATION.** Ample accommodation is provided in a spacious rear locker, provided with an automatic light. Additional space for light luggage and parcels is provided behind the seats.

**EASY J acking.** Centrally located jacking slots on each side of the car enable front and rear wheels on either side to be raised simultaneously.

**PRINCIPAL DIMENSIONS.** Wheelbase, 8 ft. 6 in.; track front, 4 ft. 7½ in.; track rear, 4 ft. 3½ in.; overall length (over bumpers), 11 ft. 5 in. approximately; overall width, 5 ft. 11½ in.; overall height (over hood), 4 ft. 11½ in.; (over windshield), 4 ft. 15 in.; ground clearance, 7 in.; unloaded turning circle, 31 ft. 9 in.; dry weight, 294 cwt.

**SPECIAL EQUIPMENT MODEL.** In addition to the above specification a Special Equipment Model is available incorporating high lift camshafts and wire wheels.

Specification 3 1/2 LITRE XK 120 OPEN 2-SEATER

ENGINE. Six cylinder 3 1/2 litre Jaguar engine; 76 mm. bore; 105 mm. stroke; 2,450 c.c. developing 165 b.h.p. at 5,500 r.p.m.; large non-adjustable directly operated valves and cast-iron seats: compression ratio 8 or 7.5:1; high grade chrome iron cylinder block, cooling by water circulation with heat exchanger; cylinder head of high tensile aluminium alloy with hemispherical combustion chambers; aluminium alloy pistons; steel connecting rods; forced lubrication throughout by submerged pump with dual flow filter and floating gauge intake; two S.U. horizontal carburetters with electrically controlled automatic choke; 3½ in. diameter counterweighted crankshaft carried in seven large steel backed precision bearings.

FRAME. Straight panell steel box section frame of immense strength; torsional rigidity ensured by large area section cross members.

TRANSMISSION. Four-speed single helical synchronmesh gearbox, ground teeth gears running on needle bearings; synchronesh on 2nd, 3rd and top, central fly-off handbrake operating on the rear wheels only through a separate linkage. Gear ratios: 1st & reverse, 3.93; 2nd, 2.65; 3rd, 1.79; top, 1.34. Optional axle ratios: 3.31, 3.77, 4.09, 4.57 and 5.15. Hardy Spicer propifler shaft in needle roller bearings; Borg & Beck 10 in. diameter single dry plate clutch; central gear lever with remote control.

SUSPENSION. Independent front suspension incorporating transverse wishbones and long torsion bars with thenosile design type hydraulic shock absorbers. Rear suspension by long silo-orientated steel coil elliptic springs controlled by Girling FV7 hydraulic shock absorbers. Rear springs totally enclosed in gaiters filled with grease supplies.

BRAKES. Lockheed full hydraulic two-leading-shoe front and 12 in. drums; friction lining area, 207 square ins.; front drums fitted with cooling ducts. Power brakes fitted as standard.

STEERING. Worm-and-roller self-centring ball type steering, positive and accurate at all speeds; 17 in. Bluemel adjustable wheel. Left or right-hand steering optional.

WHEELS AND TYRES. Pneumatic steel belted disc wheels with wide base rim and Dunlop 0.85 x 10 in. road speed tyres.

FUEL SUPPLY. By a new large delivery S.U. electric pump from a 11 gallon rear tank with reserve supply and warming light; petrol filler cap concealed and fitted with lock and key.

ELECTRICAL EQUIPMENT. Lucas de luxe throughout; 12 volt, 4S ampere, twin batteries; with constant voltage controlled ventilated dynamo, 20 hour discharge, flash fitting head lamps and wing lamps, step lights, reversing light, twin rear lights, panel lights, twin blended-noise horns, twin-blade screen wiper, cigar lighter, starter motor, vacuum and centrifugal automatic ignition advance.

INSTRUMENTS. 3 in. diameter 140 m.p.h. speedometer, 5 in. diameter revolution counter, ammeter, oil pressure gauge, water thermometer gauge, petrol gauge with warning light, electric clock.

CAB Heater. A built-in car heater is fitted as standard to all cars upwards of chassis serial numbers 65193 for left-hand drive and 66091 for right-hand drive; de-misters and windscreen washer fitted as standard equipment.

BODY. Aerodynamic two-seater body upholstered throughout in finest quality leather hide. Roof is firmly covered over felt underlay. A non-slip screen is available for competition work and is interchangeable with the touring screen.

SEATING. Divided seat and squash folding forward for access to hood and battery; seats adjustable for reach. A tonneau cover is provided.

HOOD. Finest quality moire material concealed behind seats when folded, fitted with unbreakable rear light and removable for competition work; detachable sidescraper in a tray in the boot compartment.

INTERIOR APPOINTMENTS. Instrument panel and garnish rails finished in finest quality leather: concealed pockets in the doors.

SPARE WHEEL AND TOOLS. The spare wheel is carried beneath the boot floor in a separate compartment and is readily accessible. The tool and jack are carried in a special container fitted to the side of the baggage compartment, and the wheel brace is housed in the spare wheel compartment.

LUGGAGE ACCOMMODATION. Ample accommodation is provided in a spacious rear locker, provided with an automatic light.

EASY JABBING. A central jack on each side of the car raises both wheels simultaneously with the minimum of effort by means of a special easy-lift jack.

PRINCIPAL DIMENSIONS. Wheel base, 8 ft. 6 ins.; track front, 4 ft. 5½ ins.; track rear, 4 ft. 5 ins.; overall length (over bumpers), 14 ft. 5 ins. approximately; overall width, 5 ft. 14½ ins.; overall height (over hood), 4 ft. 11½ ins.; ground clearance, 3 in.; wheelbase, 10½ ft. 3 ins.; dry weight, 24 cwt.

ALTERNATIVE EQUIPMENT. For sporting events an alternative 24 gallon fuel tank and two spare wheels can be supplied. This is not generally recommended owing to the considerable reduction in luggage accommodation. Bucket seats available at extra cost.

SPECIAL EQUIPMENT MODEL. In addition to the above specification a Special Equipment Model is available incorporating high lift camshafts, dual exhaust system and wire wheels.

ENGINE DIMENSIONS. Six cylinder 2½ litre Jaguar engine; 70° twin-overhead camshafts driven by a two-stage duplex roller chain; 83 mm. bore; 106 mm. stroke; 3,445 c.c. developing 160 b.h.p. at 5,200 r.p.m.; large non-adjustable directly operated valves and aesthetically cast-iron manifolds; compression ratio, 8.5:1; high grade chrome iron cylinder block, cooling by pump circulation with by-pass thermostat control; cylinder head of high tensile aluminium alloy with hemispherical combustion chambers; aluminium alloy pistons; steel connecting rods; forced lubrication throughout by submerged pump with full flow filter and gauge intake; twin S.U. horizontal carburettors with electrically controlled automatic choke; 2½ in. diameter counterweighted crankshaft carried in seven large steel backed precision bearings.

FRAME. Straight plate steel box section frame of immense strength; torsional rigidity ensured by large box section cross members.

TRANSMISSION. Four-speed helical, synchronmesh gearbox with overdrive on top gear, Borg & Beck single 16 in. dry plate clutch; gear ratios: 1st and reverse, 15.35:1; 2nd, 3.915:1; 3rd, 2.22:1; top, 4.55:1; overdrive, 3.518.

SUSPENSION. Independent suspension incorporating transverse wishbones and long torsion bars with shock absorbers. Rear suspension by long aluminium manganese steel half elliptic springs controlled by shock absorbers. Rear springs totally enclosed in pistons fitted with grease nipples.

BRAKES. Girling Decembre, vacuum servo-assisted, self-adjusting hydraulic; brake drum diameter, 12 in.; friction lining area, 179 square inches; handbrake lever flush between front seats.

STEERING. Burman re-circulating ball type steering with 18 in. diameter adjustable steering wheel. Left or right-hand steering optional.

WHEELS AND TYRES. Pressed steel bolt-on disc wheels with wide base rim and Dunlop 6.70×16 inch super-comfort low pressure tyres.

FUEL SUPPLY. S.U. electric fuel pump; fuel capacity, 17 imperial gallons in two separate tanks of nine and eight gallon capacity respectively with twin-over control switch on instrument panel.

ELECTRICAL EQUIPMENT AND INSTRUMENTS. Lucas 12 volt, 64 ampere capacity battery with constant voltage controlled rectified dynamos, 16 hour discharge, flash fitting head lamps and wing lamp, stop light, reverse light, (win rear lights, panel light automatic and manually controlled interior lights, twin blended-noise horns, twin-slab vacuum siren, cigar lighter, starter motor, vacuum and centrifugal automatic ignition advance.

INSTRUMENTS. 5 in. diameter 120 m.p.h. speedometer, 5 in. diameter revolution counter, ammeter, oil pressure gauge, water temperature gauge, fuel gauge, electric clock, self-cancelling tachometers with warning light.

HEATER AND AIR CONDITIONING. Built-in heater with controlled warm air flow and incorporating windscreen de-froster. Large scuttle vents for additional cooling in hot weather.

WINDSCREEN WASHER. Vacuum operated windscreen washer with control button fitted to the instrument panel.

BODY. All steel all integral five-seater (six-seater optional) with sliding roof; four doors; special security locks to rear doors for child safety; upholstered in best quality Vauxhall leather over foam rubber; polished walnut instrument panel and interior garnishings; two glove compartments with locks; five ashtrays; padded armrests; deep pile carpets over thick felt underlay; windscreen washer fitted as standard equipment.

LUGGAGE ACCOMMODATION. The exceptionally capacious luggage locker enables four large suitcases, four sets of golf clubs, also bags, holdalls and other travelling necessaries to be carried in its totally enclosed interior. The volume provided for the carrying of luggage is 17 cubic feet.

SPARE WHEEL. Fitted with tyre and tube and carried in luggage compartment with necessary tools for wheel changing.

TOOLS. A complete set of hand tools and small repair items are carried in special flash fitting compartments concealed in the front doors.

EASY JACKING. Exterior jack slots, conveniently placed, enable the car to be lifted with minimum effort by means of jack provided.

PRINCIPAL DIMENSIONS. Wheelbase, 10 ft. 6 ins.; track front, 4 ft. 8½ ins.; track rear, 4 ft. 10 ins.; overall length, 16 ft. 6 ins.; overall width, 6 ft. 1 ins.; overall height, 5 ft. 6 ins.; ground clearance, 7½ ins.; turning circle, 36 ft. 6 ins.; dry weight, 3,548 lbs.
Specification 3½ LITRE MARK VII SALOON

ENGINE DIMENSIONS. Six-cylinder 3½ litre Jaguar engine : 70° twin-overhead camshafts driven by a two-stage duplex roller chain ; 93 mm. bore x 106 mm. stroke ; 3,442 c.c. developing 160 b.h.p. at 5,200 r.p.m.; large non-adjustable directly operated valves and automatic cast-iron seats ; compression ratio, 8.5 to 1 ; high grade chrome iron cylinder block, cooling by pump circulation with by-pass thermostat control ; cylinder head of high tensile aluminium alloy with hemispherical combustion chambers; aluminium alloy pistons; steel connecting rods; forced lubrication throughout by submerged pump with full flow filter and pause intake; twin S.U. horizontal carburettors with electrically controlled automatic choke; 2½ in. diameter counterweighted crankshaft carried in seven large steel backed precision bearings.

FRAME. Straight axle steel box section frame of immense strength; torsional rigidity ensured by large box section cross members.

TRANSMISSION. Four-speed single helical synchromesh gearbox, ground tooth gears running in needle bearings; synchronesh on 2nd, 3rd and top. Borg & Beck single 10 in. dry plate clutch. Gear ratios : first and reverse, 14.4 : 1; 2nd, 6.36 : 1; 3rd, 3.81 : 1; top, 4.27 : 1; central remote control gear lever.

SUSPENSION. Independent front suspension incorporating transverse wishbones and long tension bars with shock absorbers. Rear suspension by long silico-manganese steel half elliptic springs controlled by shock absorbers. Rear springs totally enclosed in gaiters fitted with grease nipples.

BRAKES. Girling Dunlop vacuum servo-assisted, self-adjusting hydraulic; brake drum diameter, 13 in.; friction lining area, 176 square in.; handbrake lever flush between front seats.

STEERING. Dunlop recirculating ball type steering with 18 in. diameter adjustable steering wheel. Left or right-hand steering optional.

WHEELS AND TYRES. Pressed steel bolt-on disc wheels with wide house rims and Dunlop 6.70 x 18 in. super-comfort low pressure tyres.

FUEL SUPPLY. 55 lit. electric fuel pump; fuel capacity, 17 imperial gallons in two separate tanks of nine and eight gallons capacity respectively with turn-over control switch on instrument panel.

ELECTRICAL EQUIPMENT AND INSTRUMENTS. Lucas 12 volt, 64 amp. capacity battery with constant voltage controlled ventilated dynamo, 10 hour discharge, flush fitting head lamps and wing lamp, stop light, reverse light, twin rear lights, panel light automatic and manually controlled interior lights, twin blended-noze horns, twin-blade screen wiper, cigar lighter, starter motor, vacuum and centrifugal automatic ignition advance.

INSTRUMENTS. 5 in. diameter 120 m.p.h. speedometer, 5 in. diameter revolution counter, ammeter, oil pressure gauge, water temperature gauge, fuel gauge, electric clock, self-cancelling trafficators with warning light.

HEATER AND AIR CONDITIONING. Built-in heater with controlled warm air flow and incorporating windscreen de-froster. Large scuttle vents for additional cooling in hot weather.

WINDSCREEN WASHER. Vacuum-operated windscreen washer with control button fitted to the instrument panel.

BODY. All steel full five-seater (six-seat optional) with sliding roof; four doors; special security locks to rear doors for child safety; upholstered in finest quality Vachet leather over foam rubber; polished walnut instrument panel and interior garnishings; two glove compartments with locks; five latches; padded armrests; deep pile carpets over thick felt underlay; windscreen washer fitted as standard equipment.

LUGGAGE ACCOMMODATION. The extraordinarily spacious luggage locker enables four large suitcases, four sets of golf clubs, also bags, holdalls and other travelling sundries to be carried in its totally enclosed interior. The volume provided for the carrying of luggage is 17 cubic feet.

SPARE WHEEL. Fitted with tyre and tube and carried in luggage compartment with necessary tools for wheel changing.

TOOLS. A complete set of hand tools and small replacement items are carried in special flush fitting compartments concreted in the front floors.

EASY JACING. Exterior jack slots, conveniently placed, enable the car to be jacked with minimum effort by means of jack provided.

PRINCIPAL DIMENSIONS. Wheelbase, 10 ft. 6 in.; track front, 4 ft. 8½ ins.; track rear, 4 ft. 10 ins.; overall length, 26 ft. 4½ ins.; overall width, 6 ft. 1½ ins.; overall height, 5 ft. 3 ins.; ground clearance, 7 in.; turning circle, 36 ft. 6 in.; dry weight, 3,350 lbs.