

The **ALLARD**

SPECIAL

V-8

V-12



*By courtesy of
"The Motor."*

FOREWORD

THE ALLARD SPECIAL CARS have been designed to provide a reliable and fast car suitable both for road work and sporting events. The high power to weight ratio, coupled with correct weight distribution gives a performance only rivalled by a racing car, yet without any undue effort.

The results of these cars in sporting events are sufficient proof of their reliability, and road tests by various motoring correspondents in every case stress the fine performance, smooth riding, efficient braking and good road holding capabilities.

The Allard Special is the car for those who want speed with reliability.

SPECIFICATION OF THE V-8 CHASSIS.

- ENGINE** . . V-8 S.V. Banks of 4 cylinders at 90 degrees. Bore 77.79 m.m., Stroke 95.25 m.m., 3622 c.c. 30 h.p. Detachable cylinder heads. 3 point suspension. 3 bearing cast alloy crankshaft.
- EXHAUST** . . Dual exhaust pipes with Burgess straight through silencers.
- CARBURETTOR.** Dual down draught type.
- IGNITION** . . Coil or Scintilla Vertex Magneto, automatic advance.
- CLUTCH** . . Large single dry plate, cushioned. Centrifugal force of weights to assist pressure. Pre-lubricated withdrawal bearing.
- TRANSMISSION** 3 forward speeds, synchromesh 2nd—top. All gears helically cut and silent. Remote control gear lever.
Ratios: 4.11 top; 6.59 second; 11.59 third; Reverse 14.99.
- REAR AXLE** . All axle shafts mounted on roller bearings; heavy crown wheel and pinion, double bearings and straddle bearing on pinion. Ratio, 4.11. Optional high ratio extra. 3.5 top; 5.52 second; 10 to 1 3rd.
- FRONT AXLE** . Independently sprung, torque arms to each side of chassis. All moving joints fitted with silentbloc bushes. Thompson type spring loaded ball joints.

SPECIFICATION—*continued.*

- SPRINGING** . Transverse cantilever front and rear. Hartford shock absorbers all round.
- BRAKES** . . Four wheel cable operated, two shoe servo type; special ribbed steel drums. Hand-brake on rear wheels only. Quick release type ratchet.
- STEERING** . . Marles cam gear, high ratio. Turning circle 30 ft. Spring steering wheel.
- WHEELS** . . Steel disc or Dunlop wire wheels with knock on hubs.
- TYRES** . . . 5—600 × 16. Extra spares or larger sizes optional, extra.
- FRAME** . . . Heavy channel section, well braced.
- TRACK** . . . Front, 4 ft. 8 ins.; Rear, 4 ft. 2½ ins.
- WHEELBASE** . . 2-seater chassis 8 ft. 4 ins.; 4-seater chassis 8 ft. 6½ ins.; Ground clearance 9 ins.
- LIGHTING** . . . 6 volt Bosch headlamps with foot operated dipper switch.
- PETROL SYSTEM** Rear petrol tank, 16 gallons (30 gallon tank optional extra). Dual petrol feed incorporating a reserve operated by switch on dash. One feed by mechanical pump and one by electric pump. All petrol lines fitted with flexible pipes where necessary.
- EQUIPMENT** . . High pressure type grease nipples. Speedometer, oil pressure gauge, oil temperature and water gauges, ammeter, dash lights, mirror, dual arm electric Bosch wiper.
- CHASSIS WEIGHT** 17½ cwt. approx. This varies according to equipment.

Specification of the V-12 Chassis

- ENGINE** . . . V-12 S.V. Banks of 6 cylinders. Bore 70 m.m., Stroke 95 m.m., 4379 c.c. 37 h.p. 3 point engine suspension. 4 bearing crankshaft. Valves automatically adjustable by oil pressure. Exhaust valve inserts of tungsten alloy steel.
- REAR AXLE** . . . Ratios 3.5 ; 2nd 5.5 ; 3rd 10.
- WHEELBASE** . . . 4-Seater chassis 8 ft. 6 ins.

All other particulars same as V-8 Chassis.

PERFORMANCE FIGURES.

	V-8	V-12
0—50	Under 8 secs.	Under 7 secs.
0—60	Under 11 secs.	Under 10 secs.
0—70	Under 18 secs.	Under 17 secs.
Standing $\frac{1}{4}$ mile	Under 19 secs.	Under 18 secs.
Standing $\frac{1}{2}$ mile	Under 30 secs.	Under 29 secs.
Petrol Consumption	18-22 m.p.g.	16-22 m.p.g.
Brake Horse power	85 at 3800 revs.	110 at 3800 revs.
Maximum speeds	90—95 m.p.h.	95—100 m.p.h.

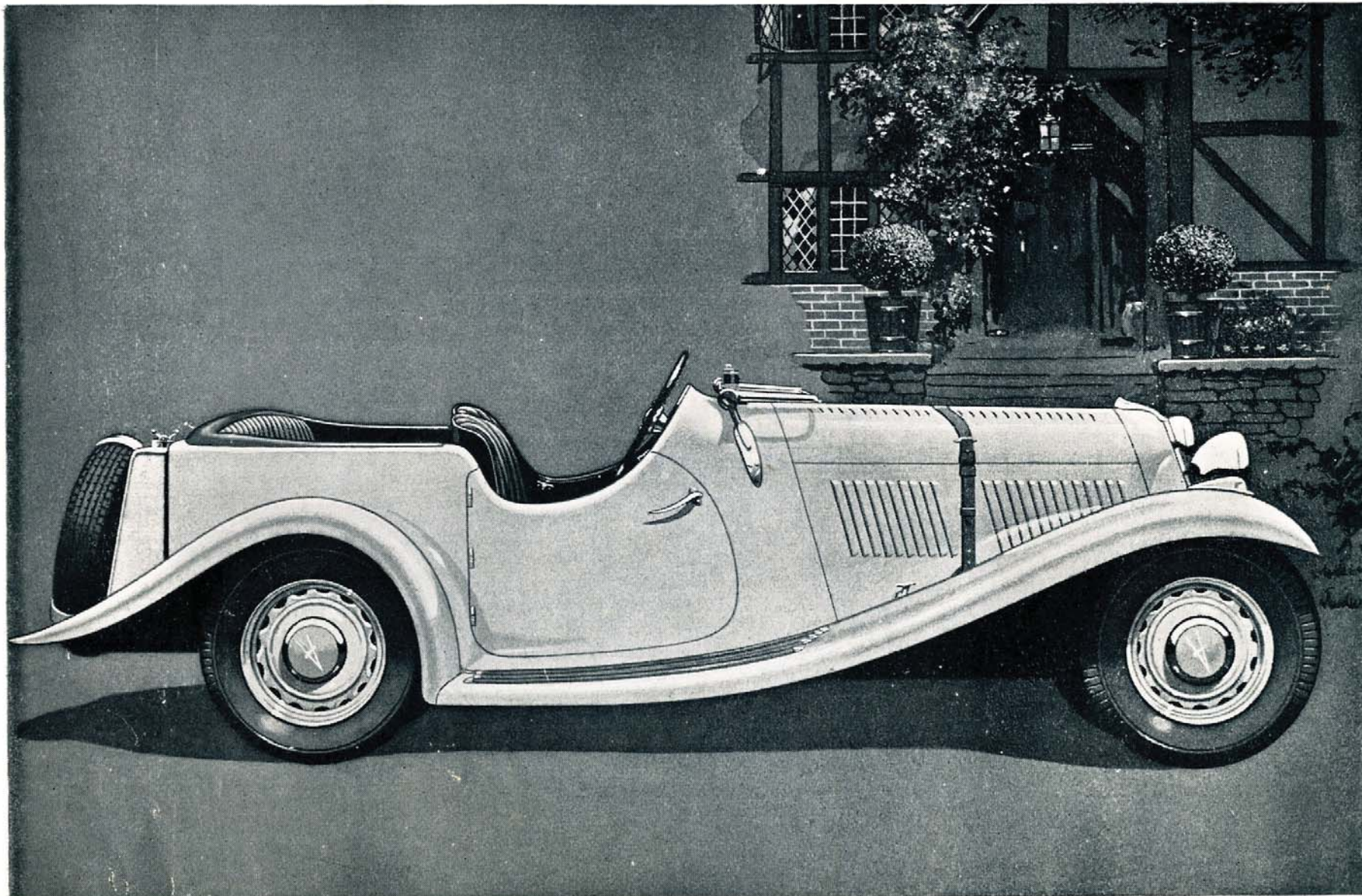
All these figures can be exceeded. They are the average figures for a fully equipped car with one passenger.

PRICES.

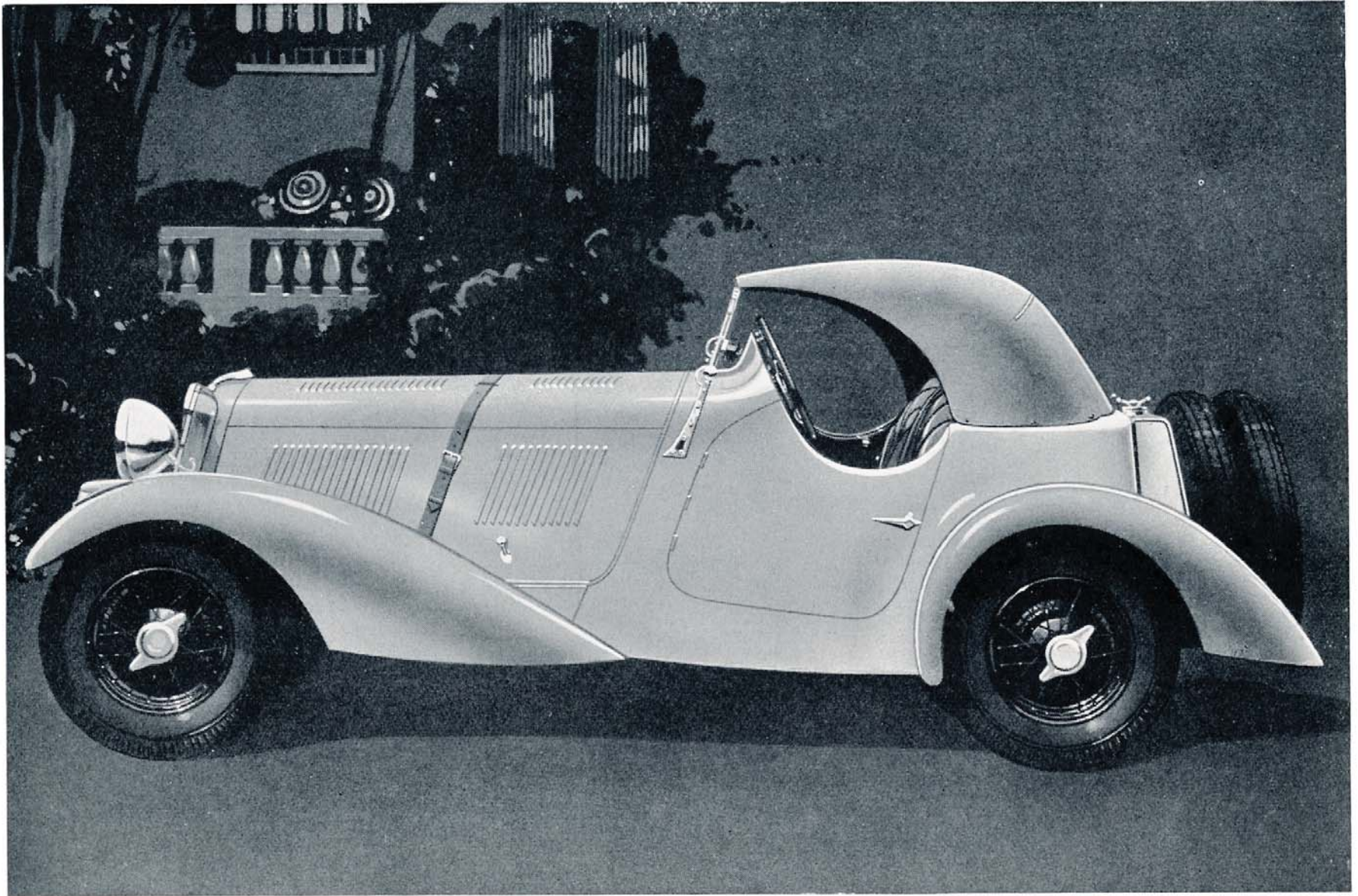
Model	V-8 3-Seater			V-8 Competition 2-Seater			V-8 4-Seater Tourer			V-8 Sports 2-Seater			V-12 3-Seater			V-12 4-Seater Tourer			V-12 Sports 2-Seater			
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	
Model	520	0	0...	480	0	0...	535	0	0...	440	0	0...	625	0	0...	625	0	0...	525	0	0	
EXTRAS:																						
Magneto (in place of coil) ...	15	0	0...	Standard	..	15	0	0...	Standard	...	35	0	0...	35	0	0...	35	0	0	0	0	
30 gal. Tank (reinforced frame)	7	0	0...	7	0	0...	7	0	0...	7	0	0...	7	0	0...	7	0	0...	7	0	0	0
5 Fort Dunlop Tyres (in place of standard)	3	0	0...	3	0	0...	3	0	0...	3	0	0...	3	0	0...	3	0	0...	3	0	0	0
Extra Spare Wheel, 600 × 16 Standard Tyre	6	0	0..			..	6	0	0..	6	0	0	6	0	0...	6	0	0...	6	0	0	0
Do., do., both spares fitted with 750 × 16 Tyres	8	10	0...	Standard	...	8	10	0...	8	10	0..	8	10	0...	8	10	0...	8	10	0	0	0
3.5 Rear Axle Ratio	5	0	0..	5	0	0..	5	0	0..	5	0	0..	Standard	...	Standard	..	Standard	..	Standard	..	Standard	..
4.1 Rear Axle Ratio	Standard	..	Standard	..	Standard	...	Standard	..	Standard	..												
2 speed Rear Axle	12	0	0...	12	0	0..	Standard	..	12	0	0..	12	0	0...	Standard	...	12	0	0	0	0	0
Revolution Counter	4	10	0...	4	10	0...	4	10	0...	4	10	0..	4	10	0...	4	10	0...	4	10	0	0
Telecontrol Shock Absorbers...	7	10	0..	7	10	0...	Standard	..	7	10	0...	7	10	0...	Standard	...	7	10	0	0	0	0
Wire Wheels with cast alloy ribbed Brake Drums ...	Standard	..	Standard	...	Standard	..	25	0	0...	Standard	..	Standard	...	Standard	...	25	0	0	0	0	0	0
Steel Wheels and Drums	Standard				Standard				

BODY SPECIFICATION.

- CONSTRUCTION** Framed in best quality seasoned ash, and strengthened where necessary with steel plates. Panelled in 18 G. aluminium. Fitted with a door on each side.
- HOOD** . . . A special type hood with rigid side curtains. Side curtains carried in locker in rear of body.
- WINDSCREEN** . . . Chromium plated screen fitted with special tempered glass. Made to hinge flat on bonnet.
- BONNET** . . . Made of 16 G. aluminium and louvred. Spring loaded bonnet strap.
- WINGS** . . . Made in 20 G. steel.
- SEATING** . . . Front seats adjustable. Dunlopillo cushions.
- UPHOLSTERY** . . . Car to be trimmed in leather. Choice of colour.
- PAINTING** . . . Cellulosed any colour to choice.



2/4 SEATER SPORTS TOURER.



COMPETITION 2-SEATER.

