



# Lanchester



## 21-23 HP

### Large Saloons and Specials

1923 - 1931

The Lanchester 21HP was introduced in 1923 to compete with Rolls Royce and Daimler 20HP models. The model was enhanced during its production run, the most significant being the increase in engine size from 21 to 23 HP (RAC rating) this was achieved by increasing the engine size from 2,932 cc to 3,340 cc.

#### SPECIFICATION.

**Layout:** The basic layout is front engined rear wheel drive with a ladder type chassis with tubular cross members. The body type was subject to the customer's instructions ( and depth of pocket) the bodies were anything from a 2 seater tourer to a Maharaja's 7 seater limousine.

**Engine:** A straight 6 cylinder engine with a worm driven OHC and dual ignition (magneto and coil). The crankshaft runs in 8 bearings and is fitted with a vibration damper. The breathing is through a Smith's four jet carburettor with fuel supplied by an Autovac.

**Transmission:** Four speed crash gearbox driving the underslung worm drive rear axle via a fully enclosed propshaft running in a torque tube. Various axle ratios were available and could be specified by the customer.

**Suspension, Steering, & Brakes:** front suspension is by semi-elliptic springs. The rear by cantilever springs of a unique Lanchester design with each steel leaf separated by an interlayer of phosphor bronze. No U bolts were used and the axle is located by the torque tube and a separate A frame. Four wheel brakes of a Lanchester design were used. The steering is also unique to Lanchester involving a complex thread design.

#### PERFORMANCE.

Top speed Over 70 mph but depended on the axle ratios and the body type.

#### DIMENSIONS:

Wheelbase	122 ins.
Track	54 ins.
Length	189 ins.
Weight	3,920 lbs

#### PRICE

The chassis only price £1,050, the cost of the bodies was entire dependent on the specification. The equivalent Rolls Royce chassis was 1,050 guineas

#### PRODUCTION:

735 Chassis only

#### SHOW CAR

This car is the 23HP model built in 1928, with a special order Lanchester body with front opening suicide doors. the vehicle is highly original with seats and many trim parts from 1928. It was refurbished in 1962-65 and has been taxed since then. The body cost £450 in 1928



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