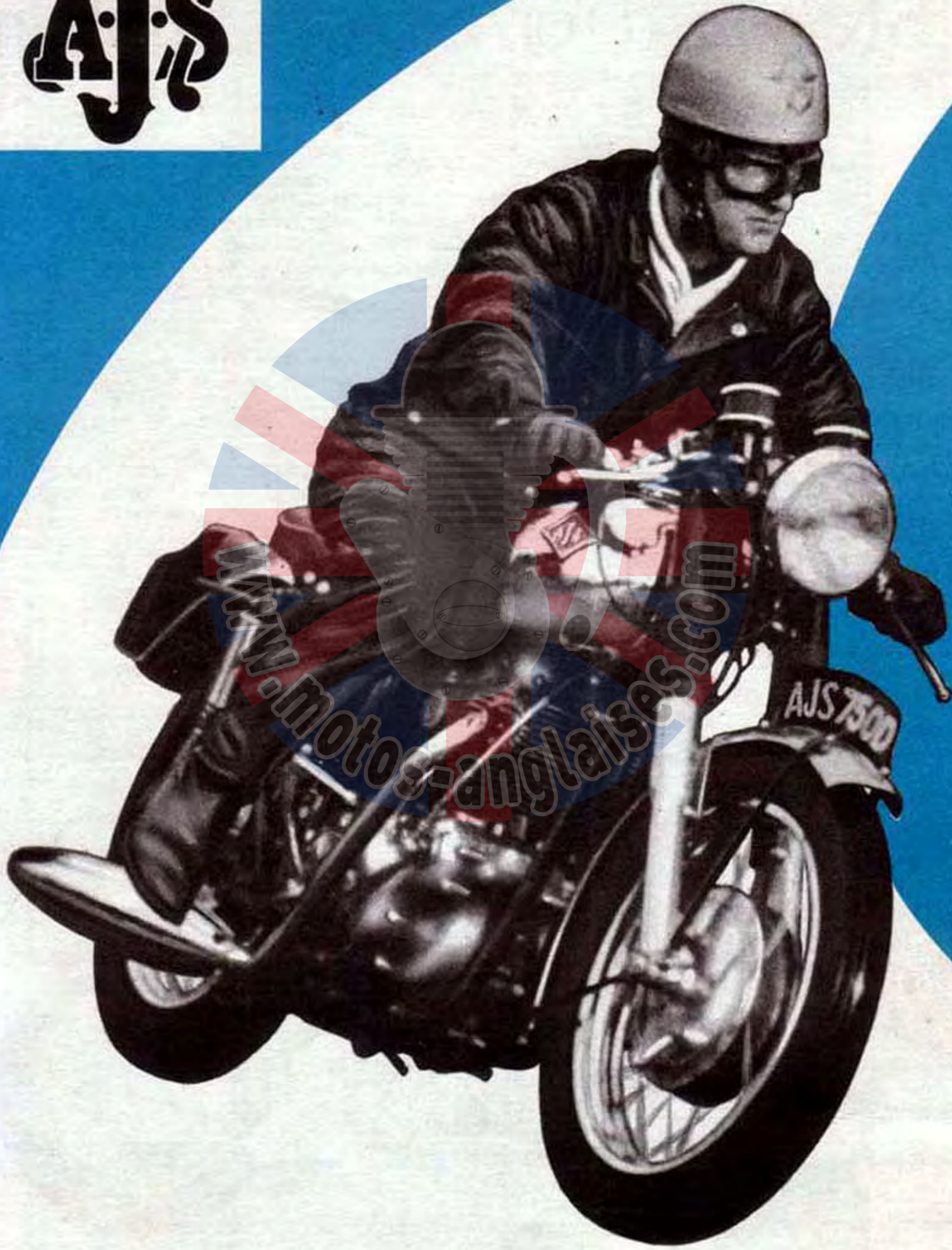


**AJS**



**MODELS 33 750 / 33 CSR 750**

# Standard or Sports nothing

## 33 750

**Engine.** 745cc o.h.v. vertical twin (73mm bore x 89mm stroke): alloy cylinder head: parallel induction tracts with large diameter inlet valves: forged steel rockers: alloy pushrods: iron alloy tappets: single chain driven camshaft: built up forged steel crankshaft with large diameter central iron flywheel: plain big end bearings: two piece connecting rods: alloy pistons (C.R. 7.6:1) cast iron cylinder: gear type oil pump: carburation by twin Amals: Lucas ignition with automatic advance and retard.

**Transmission.** Separate four speed gearbox: wide tooth heavy duty pinions driven through five plate clutch: primary chain housed in cast alloy oil-bath.

**Frame.** Brazed and bolted construction: twin tube duplex cradle: rear sub-frame loops are short and swinging fork braced for rigidity: rear suspension is controlled by fully adjustable oil-damped Girling units.

**Forks.** "Roadholder" forks with built in thief proof lock: two way oil damping: large diameter heat treated tubular steel stanchions: alloy sliders with chromed steel extensions.

**Wheels.** Large diameter alloy hubs: front brake drum cast into hub: one piece rear drum and sprocket separate from hub: ball journal bearings. Brake sizes — 8" x 1½" front, 7" x 1½" rear. Tyres 3.25 x 18 and 4.00 x 18.

**Lighting.** 12 volt crankshaft mounted alternator: two 6 volt batteries mounted in series: Zener Diode: 7" headlamp: 50w/40w head bulb: combined rear and stop light with integral reflector.

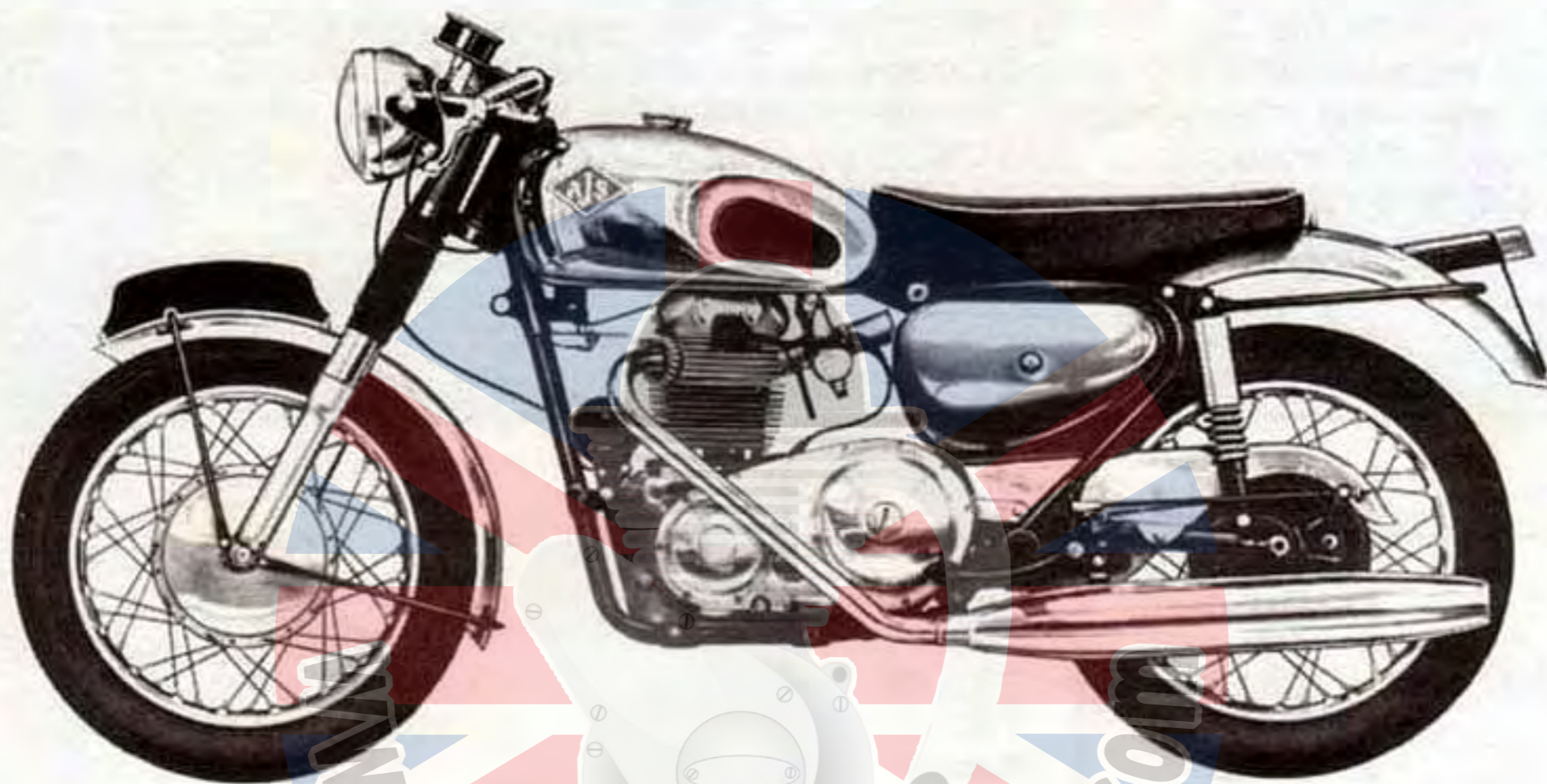
**Tanks.** 4½ gallon petrol tank completely rubber mounted: single two level tap 4 pint oil tank.

**Colours.** All black and chrome.



Safe handling, exceptional road-holding — plus power to spare — this is a machine you really must try.

but the best from



### **33 CSR 750**

Specification as Model 33, with the following refinements :

**Engine.** 745cc o.h.v. vertical twin (73mm bore x 89mm stroke): alloy cylinder head: parallel induction tracts with large diameter inlet valves: forged steel rockers: alloy pushrods: iron alloy tappets: single chain driven camshaft: built up forged steel crankshaft with large diameter central iron flywheel: plain big end bearings: two piece connecting rods: alloy pistons (C.R. 7.6:1) cast iron cylinder: gear type oil pump: balanced and tuned carburettors fitted with special long air tubes: Lucas ignition with automatic advance and retard.

**Frame.** Brazed and bolted construction: twin tube duplex cradle: rear sub-frame loops are short and swinging fork braced for rigidity: rear suspension is controlled by fully adjustable oil-damped Girling units.

**Forks.** "Roadholder" forks with built in thief proof lock: two way oil damping: large diameter heat treated tubular steel stanchions: alloy sliders with chromed steel extensions.

**Finish.** Polychromatic Blue oil tank, toolbox, Polychromatic Blue and chrome tank, chrome chainguard, suspension unit covers and springs. Polished alloy mudguards. Chrome plated speedo/rev. counterplate. Frame parts black enamel.

A super sports machine for the man who appreciates all that's best in British motorcycling.

Attention to detail is a hallmark of AJS design. Every unit and component in these superbly-engineered machines has been proven in world-class race meetings, trials events and by thousands of riders all over the world. Braking receives top priority — the full-width 8-inch front brake stops these AJS seven-fifties quickly, safely and without judder. Try it for yourself!

Available only on the 33 CSR sports machine, the exposed coil-spring rear-suspension gives an exceptionally smooth ride and assists greatly in providing better handling and improved road-holding. Designed and built to road-racing standards, the rear suspension is the outcome of AJS skill, know-how and experience in every sphere of motorcycle manufacture.

MODEL	Model 33 CSR	Model 33
Engine	OH.V. 745	OH.V. 745
Bore and Stroke	73 x 89	73 x 89
CR	7.6	7.6
Carburettor	Amal	Amal
Gear Ratios		
Top	4.2	4.5
Third	5.1	5.5
Second	7.2	7.7
First	10.8	11.5
Electrics	Lucas 12V	Lucas 12V
Chain Front	$\frac{1}{2}$ x .305	$\frac{1}{2}$ x .305
Chains Rear	$\frac{5}{8}$ x .380	$\frac{5}{8}$ x .380
Tyres Front	3.25 x 19	3.25 x 18
Tyres Rear	3.50 x 19	4.00 x 18
Brake Diameter Front	8" x $1\frac{1}{4}$ "	8" x $1\frac{1}{4}$ "
Brake Diameter Rear	7" x $1\frac{1}{4}$ "	7" x $1\frac{1}{4}$ "
Petrol Tank (Gallons)	4 $\frac{1}{4}$	4 $\frac{1}{4}$
Oil Tank (Pints)	4	4
Seat Height	32"	29 $\frac{3}{8}$ "
Wheel base	55 $\frac{13}{32}$ "	55 $\frac{13}{32}$ "
Ground Clearance	5 $\frac{1}{2}$ "	5 $\frac{1}{2}$ "
Weight (lbs.)	426	426

**NORTON VILLIERS LIMITED**

NORTON MATCHLESS DIVISION

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