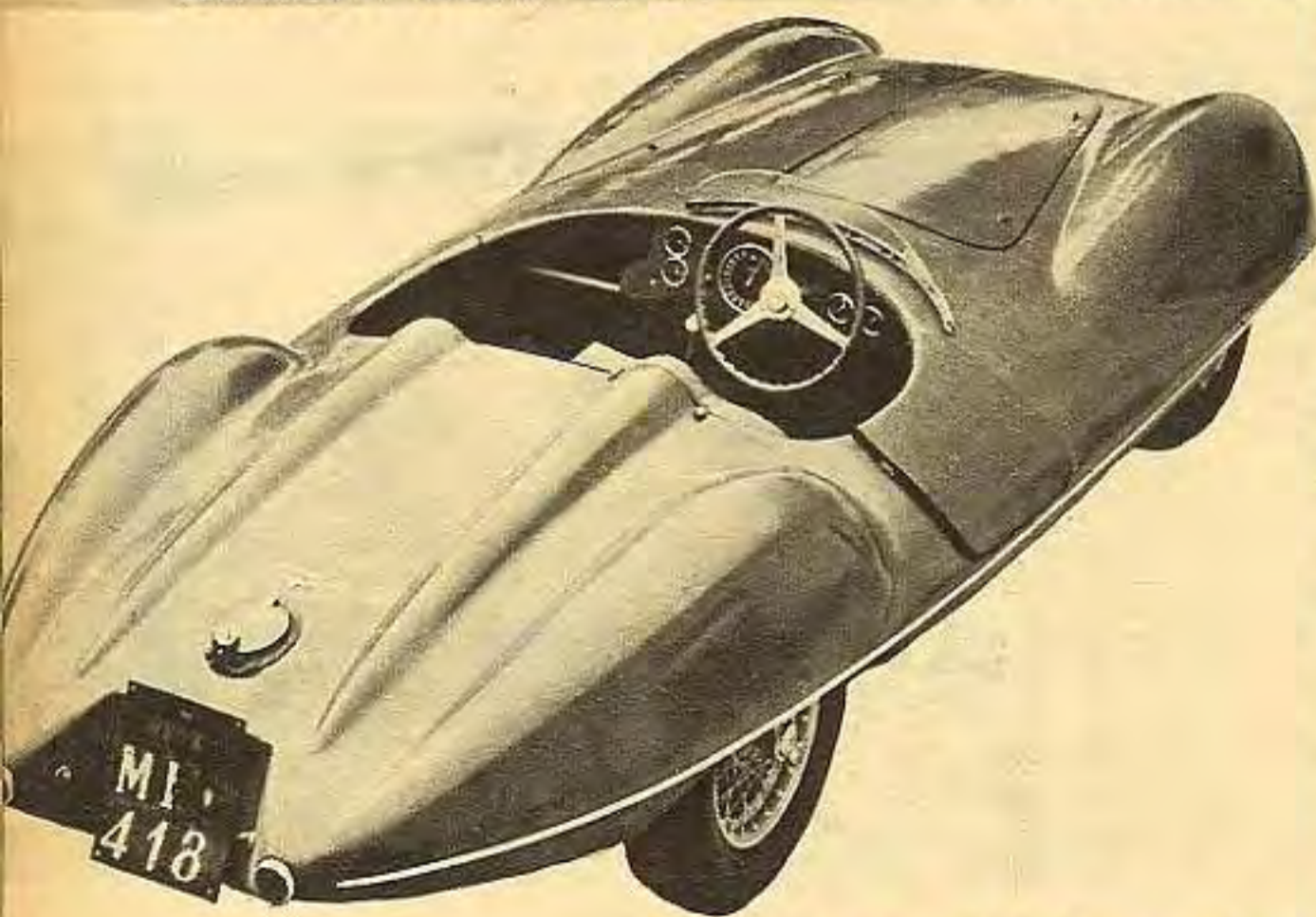


Frontal area of "Flying Disc" has been cut down to a minimum. Typical Alfa Romeo radiator grille design has been maintained.

LATEST Italian SPORTS

NEWEST ALFA ROMEO 183-CUBIC INCH SPORTS CAR DEVELOPS



Sleek, low design of Alfa Romeo sports car resembles aerodynamic lines of an airplane.

By WILLIAM CARLETON

THE sports car world was thrilled by the recent re-entry of Alfa Romeo into the sports car field with their *Disco Volante* ("Flying Disc").

One of Europe's foremost race car drivers, Consalvo Sanesi, a member of the official Alfa racing team, tested the new super-sports racer on the track at Monza, Italy.

Alfa's challenge to Ferrari's sports car supremacy is a low-slung, three-litre car with a special aerodynamically-styled body by Touring. The "Flying Disc," as it is called, has a 200 horsepower, six-cylinder overhead camshaft engine.

An even lighter version, with a two-litre powerplant is currently under construction, and will make its appearance in the near future.

The car tested by Sanesi had a total piston displacement of 2,295cc, handled extremely well, cornered like a grand prix car, and whizzed along the straights at 160 miles per hour! The compression ratio is 8 to 1; and three dual carburetors are used. The bore is 82.55mm and



RACER

200 HORSEPOWER

the stroke is 92mm. A pressure-fed oil pump circulates the lubricant through a forward mounted radiator, keeping the oil at the desired temperature.

Four-speed synchro-mesh gearbox with well chosen ratios gives the new Alfa the performance that will be a serious threat to Ferrari.

The wheelbase is only 95 in. and the tread 50 in. Overall weight of the car is about 1650 pounds, and total overall height is less than two feet! Suspension in the front is of the transverse arm and coil spring type, with torsion bars and coil springs in combination at the rear.

The extremely low speedster, sporting inward-slanting doors, Carlo Borranni wire racing wheels and a single curved wind deflector, streaked around the circuit at Monza, Italy, holding the road as if glued to the surface.

It is interesting to note that the high-power-to-weight-ratio gives the "Flying Disc" approximately one horsepower for every 30 pounds, and that 1.1 horsepower per cubic inch is not to be overlooked!

Top speed of the Alfa "Disco Volante" is about 160 mph. Total weight of car is only 1650 lbs.



Consalvo Sanesi, famous European race driver and chief test driver for the Alfa Romeo firm, race-tested the new car at the Monza circuit in Italy.