



ANTIQUE MOTORCYCLES - ACCESSORIES AND RELATED ITEMS

NORTON 1937 CS1 500CC 1 CYL OHC



SOLD





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PRODUCT DESCRIPTION

Norton 1937 490cc OHC "CS1" frame # 85850 engine # 82103

Norton had enjoyed considerable success with their OHV racing versions of the famous Model 18 from 1922. The opposition were however developing overhead camshaft engines and Norton's Walter Moore responded with the CS1 (Cam Shaft 1), which shared the bore and stroke dimensions of its OHV brother at 79mm x 100mm.

A 350 engine was also made, being designated the CJ (Camshaft Junior).

The bottom half of the engine was the same as the dry sump OHV engine, but two pairs of bevel gears and a vertical shaft drove the camshaft which was located in a tidy cam box mounted on the four cylinder head bolts.

The frame was also new and for the first time Norton abandoned the 'Flat Tank' in favour of a 'saddle' type. Norton fielded a strong entry for the 1927 Senior TT and they dominated the race with Alec Bennett winning after Stanley Woods had lost the lead near the end of the race with non-functioning clutch.

The public were able to purchase the production version in November of that year, following its sensational debut at the Motorcycle Show at Earls Court.

Produced from 1927 to 1930, the Walter Moore 'Cricket bat' machine (so called because the vertical shaft and its lower timing case resembles the willow of the batsman) was superseded by a new OHC machine designed by Carroll and Craig.

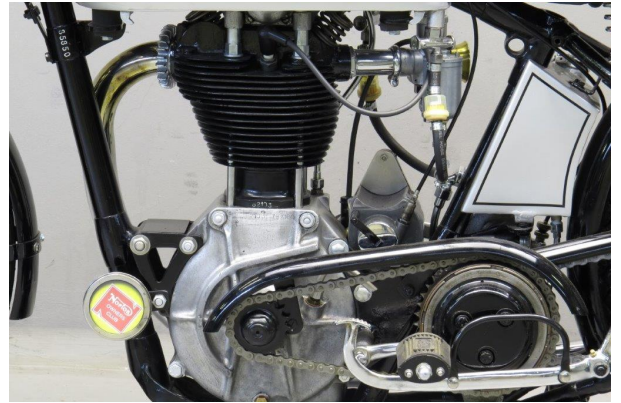
The "CS1" model name was carried on though and it became a sports touring brother of the famous Inter model that was introduced in 1932.

In the 12-model 1937 range the "CS 1" was, after the two Inter models, the third most expensive machine. Notable new features for 1937 were alterations to the saddle and handlebar positions and the inclusion of a handlebar of new shape and smaller diameter fitted with narrower grips.

All this resulted in an entirely new riding position. This fast machine is an older restoration and a good runner.



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