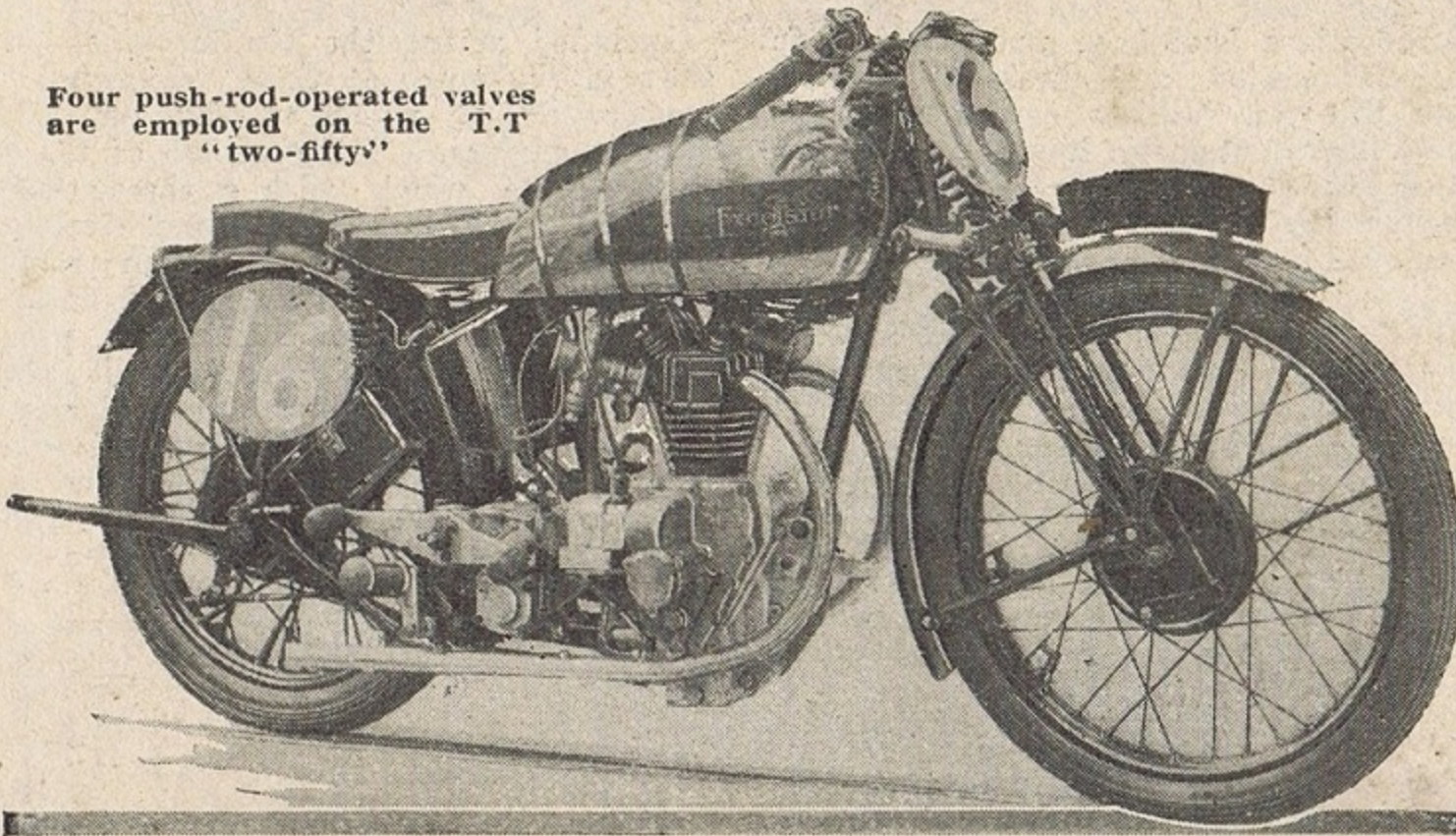


EXCELSIOR

Two Interesting Machines of Widely Differing Types—a New 249 c.c. Enclosed Two-stroke and the "Mechanical Marvel"

STAND 45

Four push-rod-operated valves are employed on the T.T. "two-fifty"

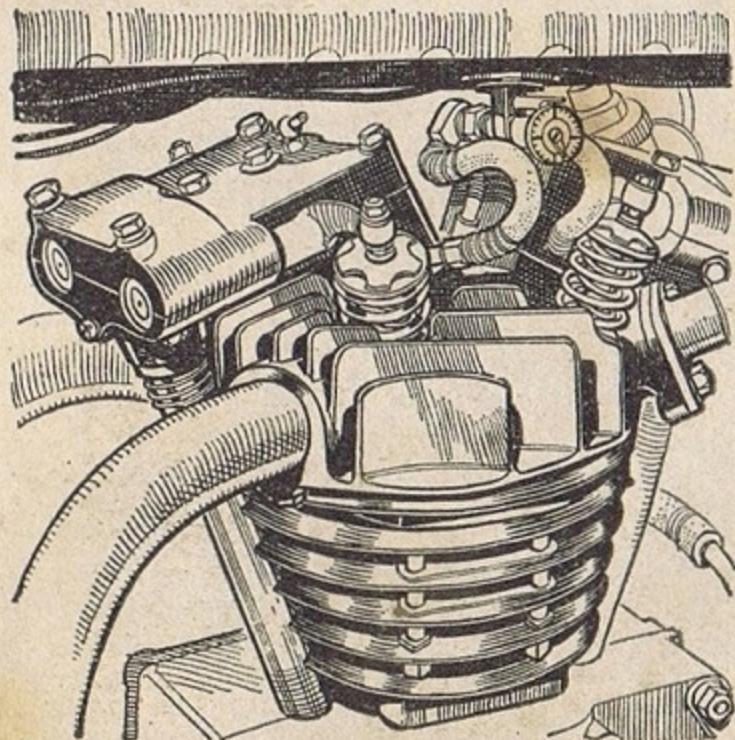


EXCELSIOR MOTOR CO., LTD., King's Road, Tyseley, Birmingham.

MODEL D.9.—249 c.c.; single-cyl. 2-str. Villiers; auto. lubrication; flywheel mag. ignition; enclosed primary chain; 4-speed gear with hand control; fuel, 1 3/4 gals.; 26x3.5in. tyres. Price with electric lighting (solo), £45.

It is difficult to say which is the highest "high spot" on this stand, but it lies between the 249 c.c. water-cooled all-enclosed model and the "Mechanical Marvel" which won the Lightweight T.T.

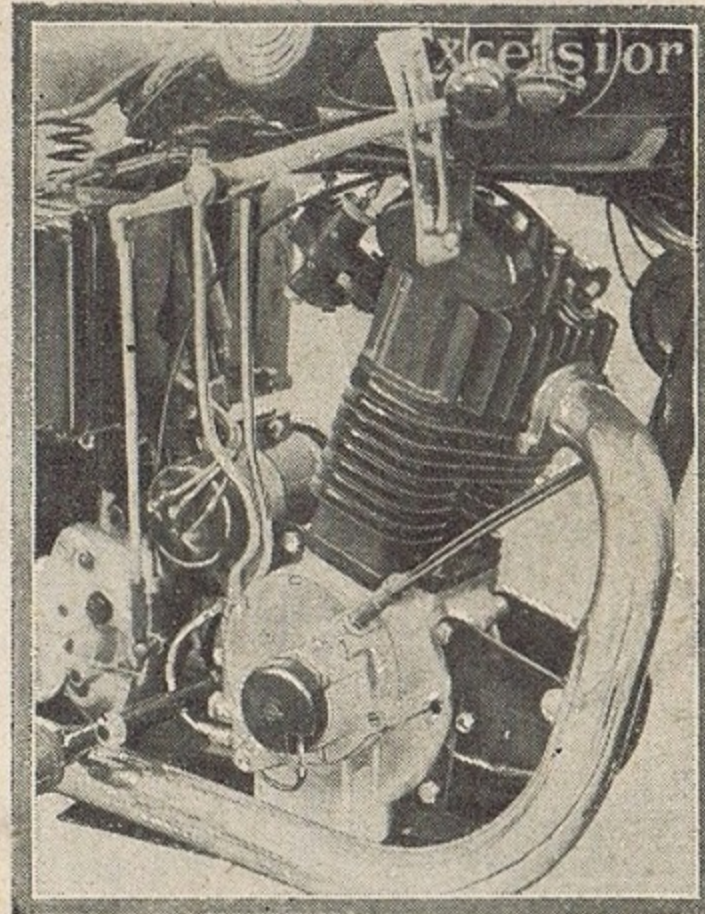
The former, specified above, comes almost as a surprise to the Show, and is exceptionally interesting. It is entirely enclosed from stem to stern in metal shields, all of which are detachable, the main side ones being removable by un-



How the four valves of the "Mechanical Marvel" are disposed

screwing four finger nuts. Four more nuts secure a shield over the rear wheel. One of the most interesting features, making for silence, is that the primary chain runs in a groove formed in a Sorbo rubber strip which lines the inside of the chain case.

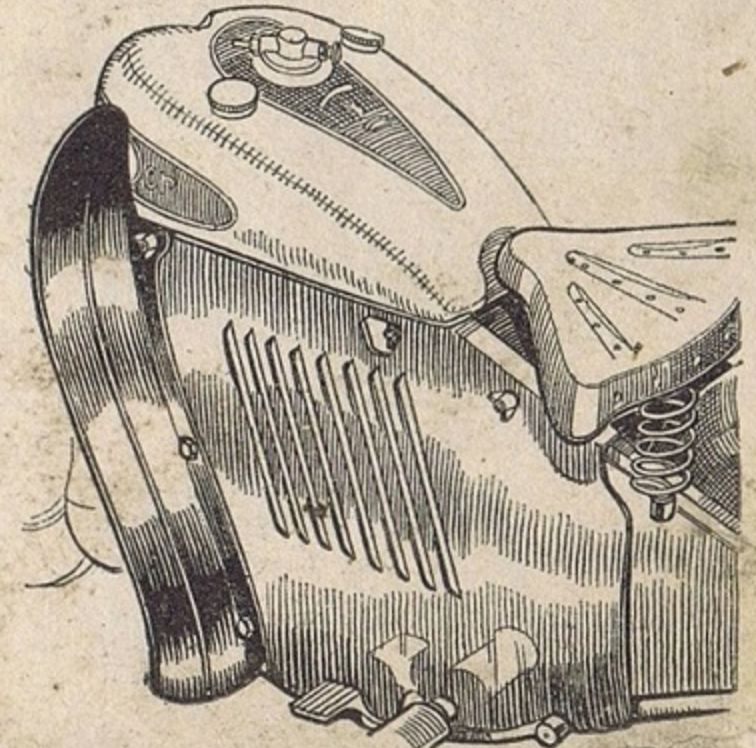
This machine should not be missed by anyone. Nor, for that matter, should the lightweight two-strokes, ranging from 98 c.c. to 249 c.c., all of them designed



On the 247 c.c. model D.7 the push rods for the overhead valves are contained within the cylinder casting

to meet the "utility" rider's needs. MODEL D.14.—246 c.c.; single-cyl. o.h.v. Excelsior; sump lubrication; magneto ignition; 4-speed gear with foot control; fuel, 3 gals.; 27x2.75in. and 26x3in. (rear) tyres. Price with electric lighting (solo), £85.

The "Mechanical Marvel," as it has been aptly named, needs no introduction, but this will be the first opportunity that many have had of inspecting this interesting design, now put into produc-



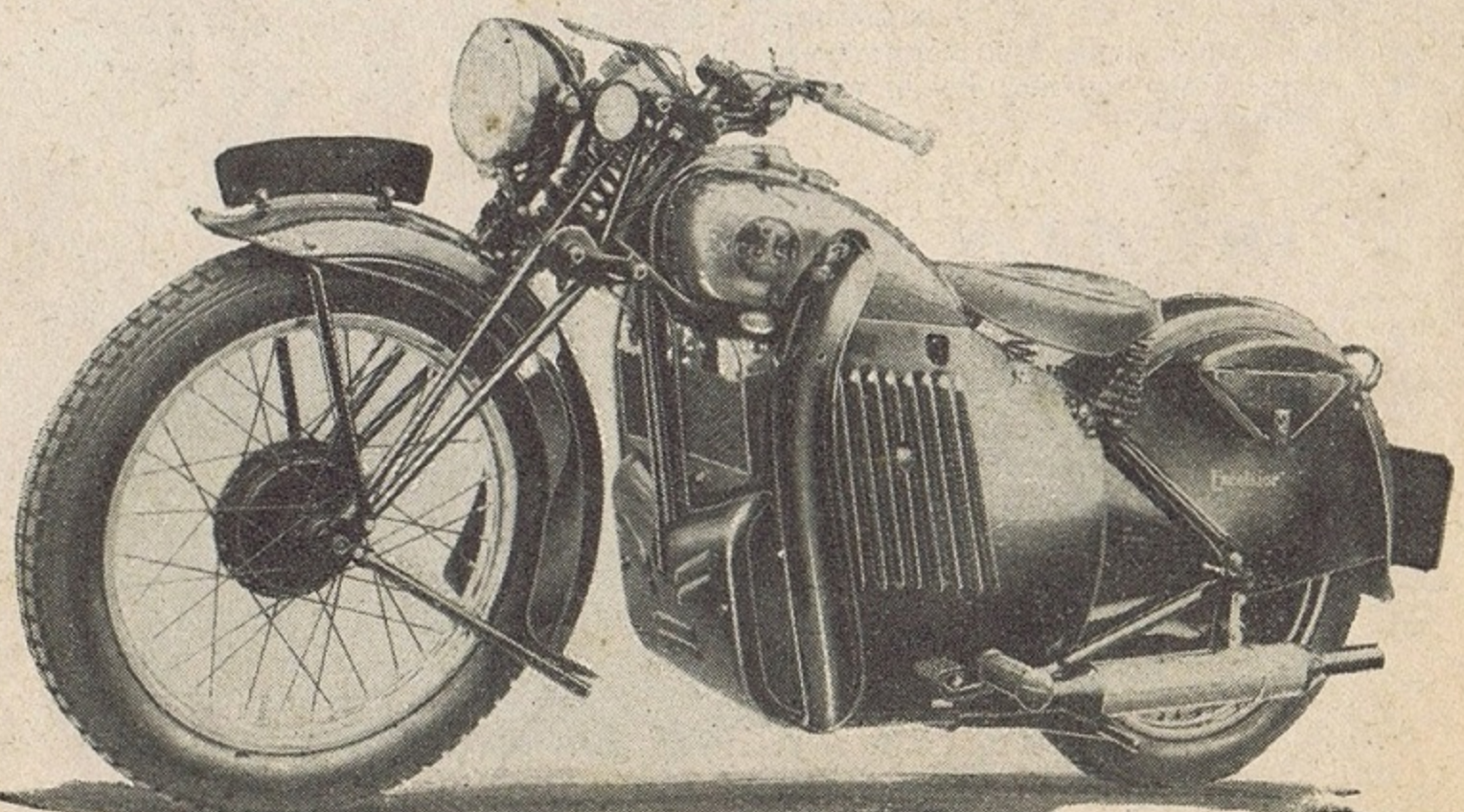
Arrangement of the side-shields and leg-shields on the new all-enclosed water-cooled two-fifty

tion, at close range. With its four-valve engine—of very neat construction—special dry-sump lubrication, and other unique features, this model is attracting enormous interest. The actual T.T. winner is on the stand.

D.4 "BANTAM" MODEL.—149 c.c.; single-cyl. o.h.v. Excelsior; sump lubrication; coil ignition; 3-speed gear with hand control; fuel, 1 3/4 gals.; 25x3in. tyres. Price with electric lighting (solo), £29 10s.

The 149 c.c. "Bantam" is an excellent example of the efficient overhead-valve lightweight; its design is good and the performance snappy.

Side-valve and o.h.v. models of the heavier type and two very interesting two-fifties with enclosed push-rods and valve gear are exhibited.



Exceptional weather protection and silence are features of the new all-enclosed water-cooled 250 c.c. two-stroke, which looks a particularly handsome mount