

TULA MOTORCYCLE— ON AND OFF ROAD



The designers have managed to combine in this motorcycle a high off-road capacity and a confident travel on the road.

The Tula designers worked for years to solve their problem. Large cross-section tyres would appreciably improve the cross-country capability of the motorcycle, but make it insufficiently stable on a smooth road. The designers had to try many approaches until they finally arrived at an optimum solution. The new Tula TMZ-951 go-anywhere motorcycle has earned the reputation of an excellent vehicle for service where alternate changes in road conditions are frequent. The fuel consumption is a mere 3.6l per 100 km.

Says Vitaly LOPUKHIN, Deputy Chief Designer of motorcycle manufacture at the V.M. Ryabikov Machine-Building Plant in Tula:

— The Tula performs well on heavy snow and in sand, easily negotiates wet and slushy soil roads and shows a stable running on highways. This was all achieved, first and foremost, by having the center of gravity lower and all the units more compact. Then, the special large cross-section tyres are of the same dimension on both wheels.

The engine assures the motorcycle a

perfect dynamics. To achieve that we had a valve installed at admission and used a special "acoustic" muffler that permitted us to stabilize the engine's power and increase its traction capacity.

Beside the units common for all motorcycles, the Tula is distinct for its special features. These are lower seating, a D-model fuel tank, and an efficient air filter whose relative capacity is high enough to permit you to make long-distance drives on dusty roads without much worry.

The electric equipment's nominal voltage

is 12V. The engine can be set into motion both with the dynastarter and the kickstarter.

A key merit of the new motorcycle is the forced air cooling of the cylinder and cylinder head. Test drivers took the Tula up sloping roads and over passes at 2,500 m above sea level, drove it on narrow hillside paths and never observed even minor power losses in the engine due to overheating.

The motorcycle can carry one passenger and, in addition, a load of up to 20 kg. The Tula is a true companion for the rural resident, fisherman, hunter or traveller.

The switches on the dashboard are grouped according to functions for easier control. The speedometer is distinctly graduated.



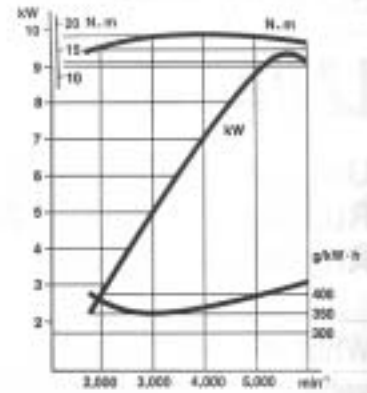
The powerful lighting equipment of this Tula makes it safer to travel in the road traffic.



The Tula is a perfect machine for those who do not want to part with their motorcycles even in winter.

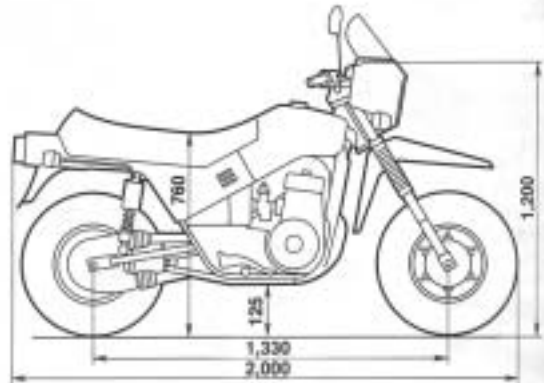


The smooth engine performance characteristic assures the motorcycle's excellent dynamic qualities.



TULA TMZ-951: BASIC SPECIFICATIONS

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| Overall dimensions, mm: | |
| length | 2,000 |
| height | 1,200 |
| width | 850 |
| Base length, mm | 1,330 |
| Road clearance, mm | 125 |
| Height of seat, mm | 760 |
| Engine maximum power, kW (hp) | 9.2 (12.5) |
| Engine rpm, corresponding to maximum power, min ⁻¹ | 5,000 |
| Fuel consumption (max.), l/100 km | 3.6 |
| Top speed, kph | 85 |
| Tyres, inch | 6.8-10 |
| Noise level, dB | 83 |



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