

RACEMO

RACEMO is a two-seater, Sports Coupe which made its world premiere at the 87th Geneva International Motor Show in 2017. Designed for the Indian customers at the Tata Motors Studio in Turin, Italy, RACEMO is a perfect blend of Italian sensuality and Indian ingenuity and it is India's first globally developed 'phygital' car, merging the physical and digital worlds. Meant for the risk-taking, adventure loving, digitally native, mobile first technophiles of India, the RACEMO is also India's first connected car.

Powered by Microsoft, RACEMO brings alive connected technologies such as cloud computing, analytics, geo-spatial and mapping, and increased human-machine interface, creating a new benchmark in the industry for connected vehicles.

With a unique structure, the RACEMO is born out of an innovative MOFlex platform using the Multi-Material Sandwich (MMS) structure. The MMS is a structural technology, enabling greater freedom in surface design, efficient large-scale part integration leading to modularity and faster time to market.

The RACEMO is a good balance between high performance and practicality. With a power of 190 PS and a maximum torque of 210 Nm backed by 1.2L Revotron Turbocharged, Intercooled Gasoline Engine, RACEMO delivers an adrenaline filled acceleration from 0-100 kmph in 6 seconds. The body construction with integrated crash safety protection with driver and passenger air bags, meets upcoming Indian regulations.

Technical Specifications:

Engine	
Fuel	Petrol
Type	1.2L New Generation Turbo-Charged, Intercooled
Cubic capacity	1198 cc
Made of	Aluminum
Installation	Mid Mounted
Max power	190 PS @ 6500 RPM
Max torque	210 Nm @ 2500 RPM
Valve gear	4 valves per cylinder
No. of cylinders	3
Chassis and Body	
Construction	Coupe, 2 seater
Alloy Wheels	Front – 17" & Rear – 18"
Tyre size / Types	205/50 R17 Radial Tubeless at Front 235/45 R18 Radial Tubeless at Rear
Exterior Dimensions	
Overall Length	3835 mm
Max. Width	1810 mm
Overall Height	1208 mm
Wheel Base	2430 mm
Ground Clearance	165 mm (unladen)
Fuel Tank capacity	40 Ltrs



Transmission	
Type	TA6300 AMT – 6 Forward, 1 Reverse. Paddle Shift
Suspension	
Front	Independent, Double wishbone, Antiroll bar
Rear	Independent, Double wishbone, Stabilizer link
Steering	
Type	Electric Power Assisted
Turning circle radius	5.8m
Brakes	
Front	Disc
Rear	Disc
Parking Brakes	Electric
ABS with EBD	Yes
Safety Features	
Seat Belt	3 Point (4 Point Harness as option)
Airbag	Driver + Passenger

