

**PIAGGIO®****MP3 500 HPE SPORT ADVANCED – TECHNICAL SPECIFICATIONS**

<b>ENGINE</b>	MASTER hpe single-cylinder, 4 stroke
<b>DISPLACEMENT</b>	493 cc
<b>BORE X STROKE</b>	94 mm x 71 mm
<b>POWER</b>	32 kW (43,5 CV) @ 7,750 rpm
<b>TORQUE</b>	47.5 Nm @ 5,750 rpm
<b>DISTRIBUTION</b>	Single overhead cam shaft (SOHC) with 4 valves and roller tappets
<b>FUEL SYSTEM</b>	Electronic injection
<b>IGNITION</b>	Electronic with inductive exhaust and variable advance integrated in the injection CPU. Closed loop system with Lambda probe for the exhaust. Electronic immobilizer, block of injection pump when the vehicle is tilted. Twin spark ignition. Dual map for throttle valve management (STD and ECO). Traction control (ASR)
<b>LUBRIFICATION</b>	Wet sump
<b>COOLING SYSTEM</b>	Liquid
<b>STARTER</b>	Electric
<b>TRANSMISSION</b>	CVT continuously variable transmission with torque server (reverse gear on the Sport Advanced version)
<b>CLUTCH</b>	Automatic centrifugal dry clutch
<b>FRAME</b>	Double cradle in high strength tubular steel
<b>CONSUMPTION (WMTC CYCLE)</b>	3.7 l/100 km
<b>CO2 EMISSIONS (WMTC CYCLE)</b>	86 g/km
<b>HOMOLOGATION</b>	Euro 5
<b>FRONT SUSPENSION</b>	Articulated quadrilateral - Stroke: 85 mm. Electro-hydraulic suspension blocking system.
<b>REAR SUSPENSION</b>	Double hydraulic shock absorber with four-position spring pre-load adjustment (double gas shock with continuous spring pre-load adjustment on the Sport and Sport Advanced versions) - Stroke: 108 mm
<b>FRONT BRAKE</b>	Double disc Ø 258 mm
<b>REAR BRAKE</b>	Disc Ø 240 mm
<b>BRAKING SYSTEM</b>	ABS with braking integrated with the pedal
<b>LENGHT/WIDTH/WHEELBASE</b>	2,200 mm/800 mm/1,540 mm
<b>SEAT HEIGHT</b>	790 mm
<b>FUEL TANK CAPACITY</b>	13,2 litres
<b>WEIGHT IN RUNNING CONDITION</b>	282 kg