



Technical Sheet Scarabeo 300 Special i.e.	
ENGINE	
<i>Engine Type</i>	Piaggio Q.U.A.S.A.R. electronic Injection
<i>Displacement(cc)</i>	278,3
<i>Bore x Stroke (mm)</i>	75 x 63
<i>Maximum Power Kw at Rpm</i>	16,1 (21,9) a 7.250
<i>Max Torque</i>	23 (2,34) a 6.000
<i>Distribution</i>	Single shaft cam head 4 valves -SOHC
<i>Injection</i>	Electronic Injection
<i>Ignition</i>	Electronic inductive discharge with variable advance
<i>Cooling</i>	Liquid
<i>Lubrication</i>	Separate oil petrol pump mixer
<i>Starter</i>	Elettric
<i>Transmission</i>	CVT automatic variator with torque
<i>Clutch</i>	Automatic dry centrifuge with damper buffers
VEHICLE	
<i>Frame</i>	Double cradle tubular steel high yield point
<i>Front Suspension</i>	Hydraulic telescopic fork with ϕ 40mm stems. Travel 104 mm
<i>Rear Suspension</i>	Hydraulic shock absorber. Travel: 90 mm
<i>Front Brake</i>	Stainless steel disc ϕ 260 mm with a three pistons floating caliper
<i>Rear Brake</i>	Stainless steel disc ϕ 220 mm with a double pistons fixed caliper
<i>Front Tyre</i>	110/70-16"
<i>Rear Tyre</i>	140/70-14"
DIMENSIONS	
<i>Lenght(mm)</i>	2270
<i>Width (mm)</i>	770
<i>Weelbase (mm)</i>	1530
<i>Seat High (mm)</i>	790
<i>Fuel Capacity (liters)</i>	10
<i>Omologation</i>	In compliance with Euro 3 Multi Directive



Technical Sheet Scarabeo 500 i.e.	
ENGINE	
<i>Engine Type</i>	Piaggio MASTER 4 strokes
<i>Displacement(cc)</i>	493
<i>Bore x Stroke (mm)</i>	94 x 71
<i>Maximum Power Kw at Rpm</i>	29,8 (40,5) a 7.250
<i>Max Torque</i>	44 (4,48) a 5.550
<i>Distribution</i>	Double shaft cam head 4 valves -SOHC
<i>Injection</i>	Electronic Injection
<i>Ignition</i>	Electronic inductive discharge with variable advance
<i>Cooling</i>	Liquid
<i>Lubrication</i>	Separate oil petrol pump mixer
<i>Starter</i>	Elettric
<i>Transmission</i>	CVT automatic variator with torque
<i>Clutch</i>	Automatic dry centrifuge with damper buffers
VEHICLE	
<i>Frame</i>	Single cradle tubular steel high yield point
<i>Front Suspension</i>	Hydraulic telescopic fork with $\phi 40$ mm stems. Travel 104 mm
<i>Rear Suspension</i>	Hydraulic shock absorber. Travel: 90 mm
<i>Front Brake</i>	Stainless steel disc $\phi 260$ mm with a double pistons floating caliper
<i>Rear Brake</i>	Stainless steel disc $\phi 240$ mm with a double pistons fixed caliper
<i>Front Tyre</i>	110/70-16"
<i>Rear Tyre</i>	150/70-14"
DIMENSIONS	
<i>Lenght(mm)</i>	2270
<i>Width (mm)</i>	770
<i>Weelbase (mm)</i>	1540
<i>Seat High (mm)</i>	785
<i>Fuel Capacity (liters)</i>	13,5
<i>Omologation</i>	In compliance with Euro 3 Multi Directive