

## TECHNICAL DATA

# DUECINQUANTA COMPETIZIONE

<b>Engine</b>	Vins two stroke, 90° V-twin cylinder, with counter rotating crankshafts; design made by Vins
<b>Fuel supply</b>	electronic injection; Vins patented
<b>Displacement</b>	249,5 cc
<b>Max power</b>	75 hp at 11.700 rpm
<b>Max torque</b>	45 Nm at 11.700 rpm
<b>Bore per Stroke</b>	54x54,5 mm
<b>Gearbox</b>	6 gears, extractable
<b>Clutch</b>	multidisc wet clutch
<b>Chassis</b>	structural carbon fiber monocoque
<b>Castor angle</b>	23° adjustable
<b>Front suspension</b>	double A-arm with monoshock absorber and carbon fiber fork
<b>Rear suspension</b>	double actuation push-rod parallel with monoshock absorber; carbon fiber swingarm
<b>Brakes</b>	front 300 mm double disc with radial caliper, rear 220 mm single disc with single caliper
<b>Wheels</b>	120/70 -17" - 150/60-17"
<b>Weight</b>	102 kg dry
<b>Wheelbase</b>	1.380 mm
<b>Power to weight ratio</b>	0,73 hp/kg
<b>Engine starter</b>	electric
<b>Max speed</b>	143 mph