COSMOS 300

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THE LOOK OF POWER

Cosmos 300 is our latest engine whose name tells a lot; is the synthesis of the company's ambition to overcome its own limits to head towards conquering new flying possibilities by officially entering the market for trikes, hang gliders and minimal ultralights. There are many technical features that characterize this engine conceived and designed to achieve the perfect balance between performance, safety and comfort. The power is always optimal, thanks to the liquid cooling system which has the function of controlling and maintaining the adequate temperature in different environmental conditions. The Cosmos 300 is equipped with the Twin Spark technology of aeronautical derivation, a system consisting of two independent ignitions capable of offering double the safety.

Cycle	2 strokes
Displacement	293,9 cc
Power	36 HP a 7.500 RPM
Air intake	Airbox silencer Diaphragm carburettor, integrate choke system Reed valve intake
Cooling system	Liquid cooling
Starter	Manual: 3S (Soft Starter System) Dual: Electric Starter + 3S (Soft Starter System)
Balancing system	Counter-rotating shaft
Transmission	Oil lubricated spur gear system Centrifugal clutch
Reduction	1/3,04
Ignition	Single Spark or Twin Spark version
Exhaust pipe	Tuned exhaust system Ceramic powder coating Double joint system, double rib reinforcement system Silencer pipe in anodized aluminum EGT sensor threaded hole Optimized noise reduction
Fuel	Unleaded gasoline with 2,0% synthetic oil (Motul710) Unleaded gasoline with 1,5% synthetic oil (Motul800)
Fuel consumption	3,2 litres/hour, at 40 kgs of static thrust, prop. 160 cms at 4.500 RPM (2 blades) 8,5 litres/hour, at 75 kgs of static thrust, prop. 160 cms at 6.000 RPM (2 blades)
Weight	**Single Spark, Manual**: 25,0 kgs **Single Spark, Dual**: 26,5 kgs **Twin Spark, Dual**: 27,0 kgs (full weight, radiator included, liquid excluded)
Static thrust	124 kgs prop. 160 cms at 7.500 RPM (3 blades) 116 kgs prop. 150 cms at 7.450 RPM (2 blades) 110 kgs prop. 140 cms at 7.450 RPM (3 blades)