

COSMOS
300



COSMOS300 MY25

THE LOOK OF POWER

The Cosmos300 embodies the essence of Vittorazi's ambition. With a larger displacement, this engine paves the way for new opportunities, making a strong entrance into the paratrike, hang glider, and ultralight minimal aircraft markets.

The Cosmos300 is both simple and high-performing. Its robust and compact structure provides exceptional stability, making it a reliable engine in any condition. This outstanding engine also stands out for its deep, immersive sound, which, combined with reduced vibrations, ensures a comfortable flight experience.

An engine with incredible acceleration, delivering a smooth and progressive thrust that effortlessly guides the pilot toward the sky.

The Cosmos300 is a world-record-breaking engine, and in its MY25 version, it offers greater configuration flexibility, easier maintenance, extended durability, and optimal flight comfort.

Learn more at vittorazi.com



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)