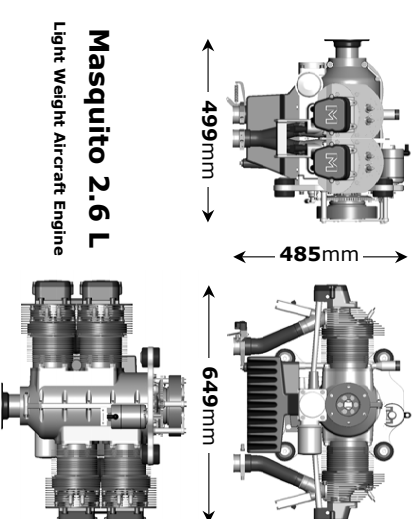
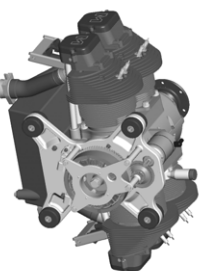
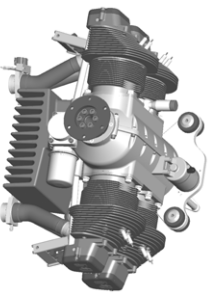


# Masquito 2.6 L - 120HP

## Light Weight Aircraft Engine



- ✓ 4 stroke, 4 cylinder horizontally opposed, air cooled
- ✓ Multipoint electronic fuel injection, pressure and temperature compensated
- ✓ Variable timing electronic ignition, with max. RPM limiter
- ✓ Composite wet sump with large cooling area
- ✓ Direct propeller drive
- ✓ Integrated 20 amp AC generator - 12 V (Engine management + fuel pump consumes 7 amps leaving 13 amps for accessories.)
- ✓ Light weight, powerful electric starter
- ✓ Forged, racing quality pistons
- ✓ 6 bearing, surface hardened, chrome-molybd. steel crankshaft



### Preliminary Specifications

(subject to change after endurance testing)

• Displacement	:	2,563 cc
• Bore	:	105 mm
• Stroke	:	74 mm
• Compression Ratio	:	8 : 1
• Direction of Rotation	:	clockwise - pilot's view - tractor
• Operational Weight	:	50 kg (110 lb) excluding exhaust, fuel pump and oil
• Ignition Timing	:	variable timing, electronic ignition system
• Firing Order	:	1 - 3 - 2 - 4
• DC Output	:	20 Amps (13 amps free for accessories)
• Power Rating of the M2.6 engine : at varying rpm.	:	120Hp (89.5kW) @ 3700 RPM 107Hp (79.8kW) @ 3300 RPM 91Hp (67.7kW) @ 2800 RPM
• Fuel	:	98 octane gasoline
• Oil	:	after running in, fully synthetic automotive oil
• Oil Capacity	:	3.0 l
• Spark Plugs	:	automotive
• T.B.O.	:	not yet available

<http://www.masquito.be>

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