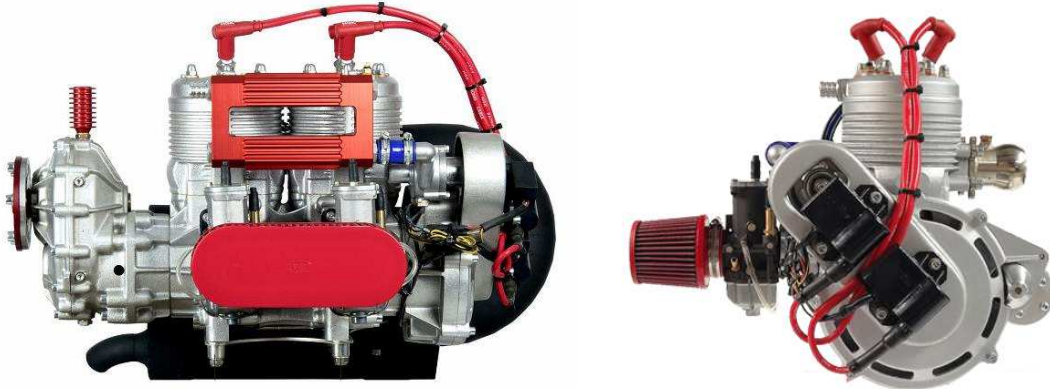




DE-RO AVIATION TECHNOLOGY DEVELOPMENT S.R.L.



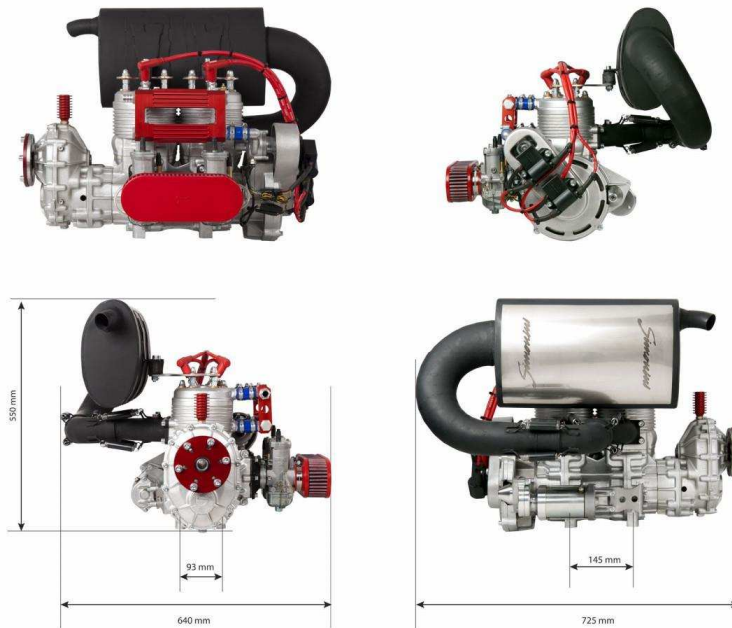
DERO AE800R/C lightweight powerful engine

2 cylinder 2 stroke inline, intake reed valve, water cooled engine with carburettor, electronic ignition, Nicasil coated cylinder, electric starter, high torque at low revolution

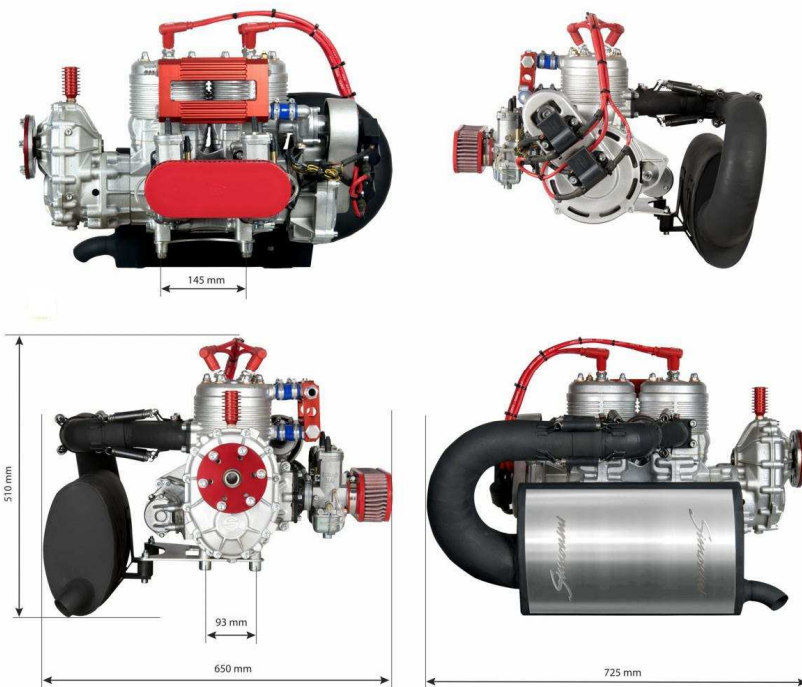
<i>Technische Daten</i>		<i>Technical data</i>	
Bauart	Zwei Zylinder Zweitakt (Reihe)	Type	Two cylinder two stroke (inline)
Hubvolumen	802 cm ³	Displacement	802 cm ³
Hub	76 mm	Stroke	76 mm
Bohrung	82 mm	Bore	82 mm
Max. Leistung	50 kW (82 PS) bei 5000 rpm 80 kW (110 PS) bei 6200 rpm	Max. performance	50 kW (82 HP) at 5000 rpm 80 kW (110 HP) at 6200 rpm
Max. Drehmoment	150 Nm	Max. torque	150 Nm
Gemischbildung	Vergaser	Mixture formation	Carburetor
Zündanlage	CDI Doppelzündung	Ignition system	CDI double ignition
Generatorleistung	300W, 12V	Generator power	300W, 12V
Kühlung	Flüssigkeitskühlung	Cooling	Liquid cooling
Masse	49 kg mit Getriebe und Abgasanlage	Weight	49kg with gearbox and exhaust system
Starteinrichtung	Elektrostarter	Start device	Electric starter
Getriebe	Untersetzung 2,54:1 / 2,76:1	Gearbox	reductions ratio 2,54:1 / 2,76:1
Kraftstoff	Mischung 1:50, 2-T-Öl, Benzin mind. 91 - 100 Oktan (ROZ)	Fuel	Mixture 1:50, 2-stroke-oil, fuel min. 91 - 100 octane (RON)
TBO	1000 h	TBO	1000 h



DE-RO AVIATION TECHNOLOGY DEVELOPMENT S.R.L.



Sauer VM800R/C lightweight powerful 2-stroke engine



Sauer VM800R/C lightweight powerful 2-stroke engine