

07 - SCORPION

“Bringing the future”

Technical Data

Engine	Rotax 914 UL Turbo (115 hp)
Empty weight (standard)	275Kg (585 lb)
Max. take-off weight	500 Kg (1100 lb)
Useful load	225 Kg (515 lb)
Velocity never exceed (VNE)	160 Km/h (100 mph)
Cruise speed	120 - 145 Km/h (75 - 90 mph)
Fuel capacity	75 litres (20 gal)
Endurance	3,5 - 4,5 hours
Fuel consumption	15 - 20 litres/h (4 - 5,5 gal/h)
Range	400 Km (250 mi)
Take-off distance	100 metres (330 ft)
Landing distance	0 - 20 metres (0 - 65 ft)

* Parameters determined during the flight test campaign in ISA conditions (15°C and sea level).

Standard equipment

- Stainless steel airframe.
- Carbon fiber fairings and tailplane.
- Rotax 914 UL Turbo engine of 115 hp.
- Aluminum rotor blades (8'5m- 28ft).
- Helix H-50 three-bladed carbon fiber propeller with spinner.
- Powerful automatic pre-rotator.
- Electro-pneumatic pitch trim and rotor brake.
- Mechanical roll trim.
- Hydraulic disc brakes with parking system.
- 75 liters (20 gal) fuel tank.
- Foldable rear windscreen.
- High quality upholstered seats.
- Seats heating.
- Four points harnesses.
- Key-lockable glove/accessories compartment.

- 100 liters of storage compartments.
- Wide range of plain colors.
- Landing light.
- 5v-2A USB or 12v-10A power socket in instrument panel.
- Landing gear fairings.
- Wheels fairings.
- Oil thermostat.

Standard instruments

- Digital airspeed ind.
- Digital altimeter and vertical speed ind.
- Vertical card compass.
- Trim pressure ind.
- “Kanardia EMSIS” multifunction digital instrument to control the engine parameters.
- Fuel level ind.

