



COMPARATIVE AND TECHNICAL SPECIFICATION

TECHNICAL SPECIFICATION	RM80 LIGHT	RM80			PA125 LIGHT	PA125			MOSTER185		F200
	1200 RM LIGHT	1250 RM	1400 RM	1450 RM	1200 PA LIGHT	1250 PA	1400 PA	1450 PA	1250 M	1450 M	1450 F
<i>Motor Type</i>	RM80	RM80			PA125	PA125			Vitorazzi Moster		FlyEngine F200
<i>Cylinder</i>	78 cc (47,7x44mm)	78 cc (47,7x44mm)			125 cc (54x54mm)	125 cc (54x54mm)			185 cc (66x54mm)		191,59 cc (66x56mm)
<i>Carburettor</i>	Walbro 24 mm.	Walbro 24 mm.			Walbro 24 mm.	Walbro 24 mm.			Walbro		Walbro 37 mm.
<i>Power & Ignition</i>	16 CV / 9400 R.P.M. Electronic	16 CV / 9400 R.P.M. Electronic			22 CV / 9580 R.P.M. Electronic	22 CV / 9580 R.P.M. Electronic			25 CV / 7800 R.P.M. Electronic		27 CV / 7500 R.P.M. Electronic
<i>Reduction gear</i>	Mechanical in oil bath, inclined teeth	Mechanical in oil bath, inclined teeth			Mechanical in oil bath, inclined teeth	Mechanical in oil bath, inclined teeth			Poly-V Belt		Poly-V Belt
<i>Reduction ratio</i>	1/3,65	1/3,65			1/3	1/3,65			1/2,8		1/3
<i>Transmission</i>	Centrifugal clutch	Centrifugal clutch			Centrifugal clutch	Centrifugal clutch			Direct		Direct
<i>Start</i>	Manual	Manual			Manual	Manual			Manual		Electric Start
<i>*Thrust (kg)</i>	aprox. 47 kg	aprox. 49 kg	aprox. 54 kg	aprox. 56 kg	aprox. 56 kg	aprox. 58 kg	aprox. 63 kg	aprox. 65 kg	aprox. 66 kg	aprox. 75 kg	aprox. 78 kg
<i>Fuel</i>	Leaded or unleaded Super grade + synthetic oil 2%	Leaded or unleaded Super grade + synthetic oil 2%			Leaded or unleaded Super grade + synthetic oil 2,5%	Leaded or unleaded Super grade + synthetic oil 2,5%			Leaded or unleaded Super grade + synthetic oil 2,5%		Leaded or unleaded Super grade + synthetic oil 2,5%
<i>Fuel tank</i>	9 L (optional 5 L.)	13,5 L			9 L	13,5 L			13,5 L		13,5 L
<i>*Autonomy hours</i>	*aprox. 2.30 h.	*aprox. 3.30 h.			*aprox. 2 h.	*aprox. 3 h.			*aprox. 3 h.		*aprox. 2 h.
<i>Cage</i>	Aluminium and Titanium	Stainless Steel / T.I.G.			Aluminium and Titanium	Stainless Steel / T.I.G.			Stainless Steel / T.I.G.		Stainless Steel / T.I.G.
<i>Cage in 2 parts</i>	NO	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES
<i>Cage in 3 parts</i>	NO	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES
<i>“Single” Cage</i>	YES	YES 3 parts	YES 3 parts	YES 3 parts	YES	YES 3 parts	YES 3 parts	YES 3 parts	YES 3 parts	YES 3 parts	YES 3 parts
<i>Luggage Bag</i>	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
<i>Wood propeller</i>	YES	YES	YES	NO	YES	YES	YES	NO	YES	YES	Optional (2 Blade)
<i>Carbon fibre propeller</i>	Optional	Optional	Optional	YES	Optional	Optional	Optional	YES	Optional	Optional	YES (3 Blade)
<i>Paramotor weight (harness inc.)</i>	from 20 kg.	25 kg.	26 kg.	26,5 kg.	from 23 kg.	26 kg.	27 kg.	27,5 kg.	26 kg.	27 kg.	31 kg.
<i>Max. Pilot weight</i>	80 kg.	80 kg.	90 kg.	95 kg.	95 kg.	100 kg.	120 kg.	125 kg.	100 kg.	140 kg.	180 kg.
<i>Recommended Pilot weight</i>	from 50 to 65 kg.	65 kg.	75 kg.	80 kg.	75 kg.	80 kg.	100 kg.	105 kg.	90 kg.	120 kg.	160 kg.
<i>Harness size: S, M, L, XL</i>	Sup´ Air Special PAP Light, Carbon board.	Sup´ Air Special PAP Wood Board.			Sup´ Air Special PAP Wood Board.	Sup´ Air Special PAP Wood Board.			Sup´ Air Special PAP Wood Board.		Sup´ Air Special PAP Wood Board.
<i>Size (cm)</i>	120 x 120 x 40	125x125x43	140x140x43	145x145x43	120 x 120 x 40	125x125x43	140x140x43	145x145x43	125x125x40	145 x 145 x 40	145x145x40
<i>Propeller case</i>	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
<i>Head Rescue System</i>	NO	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES
<i>RPM counter</i>	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional

* Thrust, autonomy and general performance depend greatly on the glider, the altitude and the pilot, so the data offered here must be taken only as reference data.