



**COMPARATIVE TECHNIQUE SPECIFICATION ENGINES UNTIL 130 C.C.**

TECHNIQUE SPECIFICATION	RM80				PA125				THOR130	
AVAILABLE CAGE SIZE	1200 RM	1250 RM	1400 RM	1450 RM	1200 PA	1250 PA	1400 PA	1450 PA	1400 TH130	1450 TH130
<b>TECHNICAL SPECIFICATION</b>	<b>RM80</b>				<b>PA125</b>				<b>THOR130</b>	
<i>Motor Type</i>	RM80. 2 Stroke Monocylinder				PA125. 2 Stroke Monocylinder				POLINI. 2 Stroke Monocylinder	
<i>Cooling</i>	Forced Air				Forced Air				Forced Air	
<i>Cylinder</i>	78 cm <sup>3</sup> ( 47,7 x 44 mm.)				125 cm <sup>3</sup> ( 54 x 54 mm.)				125 cm <sup>3</sup> ( 54 x 54 mm.)	
<i>Carburettor</i>	Walbro 24 mm.				Walbro 24 mm.				<i>Polini ø24 PWK / Walbro WG8</i>	
<i>Power</i>	16 CV / 9400 R.P.M.				22 CV / 9580 R.P.M.				21,5 CV / 8800 R.P.M.	
<i>Ignition</i>	Electronic				Electronic				Electronic	
<i>Reduction gear</i>	Mechanical in oil bath				Mechanical in oil bath				Mechanical in oil bath	
<i>Reduction ratio</i>	1/3,65				1/3,65				1/3,43	
<i>Transmission</i>	Centrifugal clutch				Centrifugal clutch				Centrifugal clutch	
<i>Start</i>	Manual				Manual				Manual	
<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. 63 kg	aprox. 65 kg
<i>Fuel</i>	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 %	
<i>Fuel Circuit</i>	MANUAL FUEL PUMP				MANUAL FUEL PUMP				MANUAL FUEL PUMP	
<i>Fuel tank</i>	9 L. (optional 5L)	13,5 L.			9 L. (optional 5L)	13,5 L.			13,5 L.	
<i>*Autonomy hours</i>	*about 2.30h.	*about 3.30 h.			*about 2.30h.	*about 3 h.			*about 3 h.	
<i>Cage</i>	Stainless Steel / T.I.G.				Stainless Steel / T.I.G.				Stainless Steel / T.I.G.	
<i>Paramotor weight</i>	23 kg.	25 kg.	26 kg.	26,5 kg.	24 kg.	26 kg.	27 kg.	27,5 kg.	27 kg.	27,5 kg.
<i>Harness size: S, M, L, XL</i>	Sup´Air Special PAP				Sup´Air Special PAP				Sup´Air Special PAP	
<i>Propeller Size</i>	110 cm.	115 cm.	125 cm.	130 cm.	110 cm.	115 cm.	125 cm.	130 cm.	125 cm.	130 cm.
<i>Paramotor Size</i>	120 x 120 x 43	125 x 125 x 43	140 x 140 x 43	145 x 145 x 43	120 x 120 x 43	125 x 125 x 43	140 x 140 x 43	145 x 145 x 43	140 x 140 x 46	145 x 145 x 46
<i>Max. Pilot weight</i>	80 kg.	80 kg.	90 kg.	90 kg.	95 kg.	100 kg.	120 kg.	125 kg.	120 kg.	125 kg.
<i>Recommended Pilot weight</i>	50-65 kg.	65 kg.	75 kg.	75 kg.	75 kg.	80 kg.	100 kg.	105 kg.	100 kg.	105 kg.
<b>PARAMOTOR OPTIONS</b>	<b>RM80</b>				<b>PA125</b>				<b>THOR130</b>	
<i>Cage 1200 mm. Size</i>	STANDARD	NO			STANDARD	NO			NO	
<i>Cage 1250 mm. Size</i>	NO	STANDARD	NO		NO	STANDARD	NO		NO	
<i>Cage 1400 mm. Size</i>	NO		STANDARD	NO	NO		STANDARD	NO	STANDARD	NO
<i>Cage 1450 mm. Size</i>	NO			STANDARD	NO			STANDARD	NO	STANDARD
<i>Cage Division (3 PARTS)</i>	STANDARD	STANDARD	OPTIONAL	STANDARD	STANDARD	STANDARD	OPTIONAL	STANDARD	OPTIONAL	STANDARD
<i>Cage Division (4 PARTS)</i>	NO	NO	OPTIONAL	NO	NO	NO	OPTIONAL	NO	OPTIONAL	NO
<i>Cage Division (5 PARTS)</i>	NO	NO	OPTIONAL	NO	NO	NO	OPTIONAL	NO	NO	
<i>Wood propeller</i>	STANDARD			NO	NO	STANDARD		NO	STANDARD	OPTIONAL
<i>Carbon fibre propeller</i>	OPTIONAL			STANDARD	STANDARD	OPTIONAL		STANDARD	OPTIONAL	STANDARD
<i>Zicral Autolock Carabine</i>	STANDARD				STANDARD				STANDARD	
<i>Mousqueton Parafly Acier</i>	OPTIONAL				OPTIONAL				OPTIONAL	
<i>Harness Wood Board</i>	NO	STANDARD			NO	STANDARD			STANDARD	
<i>Harness Carbon Board</i>	STANDARD	NO			STANDARD	NO			NO	

\* 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.



**COMPARATIVE TECHNIQUE SPECIFICATION ENGINES FROM 185C.C. TO 250 C.C.**

TECHNIQUE SPECIFICATION	MOSTER185		MOSTER185 PLUS		THOR190 WITH CLUTCH		THOR200		THOR250
	1250 M	1450 M	1250 MP	1450 MP	1400 TH190	1450 TH190	1400 TH	1450 TH	1450 TH250
<b>TECHNICAL SPECIFICATION</b>	<b>MOSTER185</b>		<b>MOSTER185PLUS</b>		<b>THOR190/CLUTCH</b>		<b>THOR200</b>		<b>THOR250</b>
Motor Type	Vitorazzi. 2 Stroke Monocylinder		Vitorazzi. 2 Stroke Monocylinder		POLINI. 2 Stroke Monocylinder		POLINI. 2 Stroke Monocylinder		POLINI. 2 Stroke Monocylinder
Cooling	Forced Air		Forced Air		Forced Air		Forced Air		Liquid cooled
Cylinder	185 cm3 ( 66 x 54 mm.)		185 cm3 ( 66 x 54 mm.)		193 cm3 ( 64 x 60 mm.)		193 cm3 ( 64 x 60 mm.)		244 cm3 ( 72 x 60 mm.)
Carburettor	Walbro		Walbro		Walbro		Polini ø28 PWK / Walbro WB37		Polini ø28 PWK
Power	25 CV / 7800 R.P.M.		25 CV / 7800 R.P.M.		27 CV / 7400 R.P.M.		29 CV / 8000 RPM / 28 CV / 7400 RPM		36 CV / 7500 R.P.M.
Ignition	Electronic		Electronic		Electronic		Electronic		Electronic
Reduction gear	PolyV Belt		PolyV Belt		PolyV Belt		Mechanical in oil bath		Mechanical in oil bath
Reduction ratio	1/2,67	1/2,87	1/2,67	1/2,87	1/2,83		1/2,8		1/2,8
Transmission	Direct		Centrifugal clutch		Centrifugal clutch		Centrifugal clutch		Centrifugal clutch
Start	Manual		Manual		Manual		Manual		Manual
*Thrust (kg)	aprox. 70kg	aprox. 78kg	aprox. 70kg	aprox. 78kg	aprox. 75 kg	aprox. 78 kg	aprox. 78 kg	aprox. 80 kg	aprox. 90 kg
Fuel	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 %		Leaded or unleaded Super grade + synthetic oil 2 %		Leaded or unleaded Super grade + synthetic oil 2%
Fuel Circuit	MANUAL FUEL PUMP		MANUAL FUEL PUMP		MANUAL FUEL PUMP		MANUAL FUEL PUMP		MANUAL FUEL PUMP
Fuel tank	13,5 L.		13,5 L.		13,5 L.		13,5 L.		13,5 L.
*Autonomy hours	*about 3 h.		*about 3 h.		*about 3 h.		*about 3 h.		*about 3 h.
Cage	Stainless Steel / T.I.G.		Stainless Steel / T.I.G.		Stainless Steel / T.I.G.		Stainless Steel / T.I.G.		Stainless Steel / T.I.G.
Paramotor weight	26 kg.	27 kg.	27 kg.	28 kg.	28,3 kg.	28,6 kg.	31,5 kg.	32 kg.	33 kg.
Harness size: S, M, L, XL	Sup´Air Special PAP		Sup´Air Special PAP		Sup´Air Special PAP		Sup´Air Special PAP		Sup´Air Special PAP
Propeller Size	115 cm.	130 cm.	115 cm.	130 cm.	125 cm.	130 cm.	125 cm.	130 cm.	130 cm.
Paramotor Size	125 x 125 x 40	145 x 145 x 40	125 x 125 x 40	145 x 145 x 40	140 x 140 x 43	145 x 145 x 43	140 x 140 x 46	145 x 145 x 46	145 x 145 x 46
Max. Pilot weight	100 kg.	140 kg.	100 kg.	140 kg.	140 kg.	145 kg.	175 kg.	180 kg.	200 kg.
Recommended Pilot weight	90 kg.	120 kg.	90 kg.	120 kg.	120 kg.	125 kg.	155 kg.	160 kg.	180 kg.
<b>PARAMOTOR OPTIONS</b>	<b>MOSTER185</b>		<b>MOSTER185PLUS</b>		<b>THOR190/CLUTCH</b>		<b>THOR200</b>		<b>THOR250</b>
Cage 1200 mm.(Light) Size	NO		NO		NO		NO		NO
Cage 1250 mm. Size	STANDARD	NO	STANDARD	NO	NO		NO		NO
Cage 1400 mm. Size	NO		NO		STANDARD	NO	STANDARD	NO	NO
Cage 1450 mm. Size	NO	STANDARD	NO	STANDARD	NO	STANDARD	NO	STANDARD	STANDARD
Cage Division (3 PARTS)	STANDARD	OPTIONAL	STANDARD	OPTIONAL	OPTIONAL	STANDARD	OPTIONAL	STANDARD	NO
Cage Division (4 PARTS)	NO	OPTIONAL	NO	OPTIONAL	OPTIONAL	NO	OPTIONAL	NO	STANDARD
Cage Division (5 PARTS)	NO		NO		NO		NO		NO
Wood propeller	NO		NO		NO		NO		NO
Carbon fibre propeller	STANDARD		STANDARD		STANDARD		STANDARD		STANDARD
Zicral Autolock Carabine	STANDARD		STANDARD		STANDARD		STANDARD		STANDARD
Mousqueton Parafly Acier	OPTIONAL		OPTIONAL		OPTIONAL		OPTIONAL		OPTIONAL
Harness Wood Board	STANDARD		STANDARD		STANDARD		STANDARD		STANDARD
Harness Carbon Board	NO		NO		NO		NO		NO

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