

World Directory

of

# Leisure Aviation



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Over **1500** Aircraft, Paragliders, Ultralights, Microlights, Paramotors, Hang Gliders, Gyrocopters, Paraplanes, Helicopters, Light Sailplanes, Engines, Accessories, Importers, etc.

## DANIELI

As its name suggests, this model was the first Piuma developed by Tiziano Danieli. It has a fixed nosewheel and offers a glide ratio of 17 at 65km/h. Construction, like the piloting, is pretty simple, which is what makes it such an excellent first project for the homebuilder. Pi 1-2003 examples feature a new, more aerodynamic, nose. The price indicated is for plans.

**TIZIANO DANIELI ☎ +39 0445 / 527929**

via del Tamboral, 14 • 36015 Schio • ITALY  
piuma\_solo@hotmail.com • www.achio.it/piuma

EW	Ws	WA	Vnc	Stall	Vmin	Glide ratio	Plan
100	11.7	11.6	120	46	1.0	17	200 €

## Piuma Original



## DANIELI

With less wing area than its brothers, the Piuma Tourer uses a NACA 4415 and a Naca 2R1-12 profile for the wing, making it faster and more economical than the other Piuma models. In addition, 7 two-seater Piumas are currently under construction (and one is flying), including one by Tiziano Danieli himself. Our price is for the basic plans of the solo aircraft: plans for the dual machine cost 450 euros.

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EW	Ws	WA	Vnc	Stall	Vmin	Glide ratio	Plan
175	10.39	9.2	160	62	1.2	17	300 €

## Piuma Tourer



## DANIELI

Two-seater wooden construction motorglider project inspired by the Piuma Touring single-seater. The prototype is flying, and two others are being built in Germany and Italy. The wingspan has been increased slightly to increase the glide ratio above 20.

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EW	Ws	WA	Vnc	Stall	Vmin	Glide ratio	Price
220	13.8	11.6	180	54	1.2	18	450 €

## Piuma Twin



## DANIELI

A shorter chord and higher aspect ratio distinguish this Piuma from the Original. Also, this model boasts better engine ducting and an electrically retractable nosewheel, all aimed at giving better performance in the air: glide ratio is 20 at 70km/h. We show here the cost of the plans: add around 4500 euros of materials and 1000 working hours and then you can fly!

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EW	Ws	WA	Vnc	Stall	Vmin	Glide ratio	Price
147	11.9	10.5	115	50	0.83	20	200 €

## Piuma Evolution

