ACTIVE AND PASSIVE SAFETY

The chassis is composed of two parts, the base acts as a shock absorber. In the event of a severe shock it absorbs the energy and protects the pilot.

For beginner pilots an additional bumper is also available.

A Kevlar layer (tear-resistant material) is integrated in the chassis as an additional dorsal protection for the pilot.

On all our harnesses an airbag is available as an option to protect the pilot’s body.

Carbon fibre chassis and mobile swing arm bars and complete cage: 2.65 to 2.95 kg (5.85 to 6.50 lbs) * only!

Manufactured with technologies used by the aerospace industry, using high-performance CNC-cut Prepreg (pre-impregnated) carbon fibre processed in an autoclave for a guarantee of quality and strength.

The «Pluma» has passed the resistance test (EAPR) at 15G for a pilot weight of 125 kg (275 lbs).

*Depending on options.
The ergonomic shape of the pilot-side chassis, with a progressive curve on the vertical and horizontal axis, as well as a thermo-compressed foam, guarantee a good comfort.

Inflight comfort is also ensured by two titanium «comfort tubes» which keep the harness in optimal position.

This assembly, coupled with the mobile swing arm bars, generate a slight gap between the harness and the chassis eliminating all vibrations, compensating the torque effect and keeping an optimal propeller’s angle. All this ensures an increased sensitivity and piloting pleasure (especially with the “3D system” activated).
SAFETY

The swing arm bars are manufactured using the same technology as the chassis with unidirectional high-performance carbon fibre applications for a maximum strength and safety. The fixing on the chassis is assured by an Uniball drowned on the swing arm bars, the same process used for fixing the carbon suspensions arms on the racing cars’ monocoques.

The arms were tested at 15G, reaching a «strength / weight» ratio greater than 4,2 kg per gram (262 lbs per ounce), unrivalled on the market!

COMFORT OR DYNAMIC SPORT MODE

The Uniball junction exclusively allows to propose as standard the “Adventure 3D system”, where the lateral swing arm bars movement can be locked or unlocked. Locked position: Comfort Mode, recommended for novice pilots. Unlocked position: Dynamic Sport Mode for more dynamic piloting, which allows for active piloting with the harness, enabling the true potential of the paramotoring wing.

EASE

The new ergonomic design allows an easy and safe harness assembly.
Light harness
Aluminium cage
(standard)
Comfort harness
Full carbon cage
( options )
Unique cage size for propellers diameters 115 and 130 cm (45.3 and 51.2 inch).

Five shaped arcs and four lightweight and resistant carbon spokes allow the assembly easy and fast, the tension of the net is done in one easy procedure.

Compact, lightweight tank with a capacity of **11 litres** (2.9 US gal), allowing to fly and take off with 1 litre (0.3 US gal) of fuel only.

The filling is easy and it can also be easily disassembled for storage and handling.
The chassis is designed to match the most popular engines on the market.

### 8.1 80CC  
**BY H&E**
Compact and very quiet engine, it is the evolution of 8.0 version. Its installation on the chassis has been optimized for a greater compactness. Suitable for any pilot up to 80 kg (180 lbs).

### ATOM 80CC  
**BY VITTORAZI**
Super lightweight. With its 17.9 kg it is our lightest PPG. It offers an excellent power-to-weight ratio for its 16HP, suitable for any pilot up to 80 kg (180 lbs).

### EOLE 135CC  
**BY BIDALOT**
Easy-to-use and extremely quiet engine. Its thrust and its great responsiveness, it will gratify the pilots up to 110 kg (240 lbs) as well as the lighter pilots looking for power.

### MOSTER 185CC  
**BY VITTORAZI**
MOSTER 185 PLUS DUAL version of the Italian best seller, with its clutch and dual starter: manual + electric, together with cooling carbon carter. This «full option» version will deliver the thrust expected by the pilots in search for power.

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### Carbon propeller

<table>
<thead>
<tr>
<th>Carbon propeller</th>
<th>HUIT.1</th>
<th>ATOM 80</th>
<th>EOLE 135</th>
<th>MOSTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size / brand</td>
<td>115cm / H 130cm / H or E</td>
<td>125cm / H 130cm / H or E</td>
<td>115cm / H 130cm / H or E</td>
<td>130cm / H or E</td>
</tr>
<tr>
<td>Cylinder / power</td>
<td>80cc / 15hp</td>
<td>80cc / 16hp</td>
<td>135cc / 25hp</td>
<td>185cc / 25hp</td>
</tr>
<tr>
<td>Total weight (up to harness and prop)</td>
<td>18,75 - 19,85kg</td>
<td>17,95 - 18,55kg</td>
<td>22,65 - 23,75kg</td>
<td>23,85 - 24,95kg</td>
</tr>
<tr>
<td>Thrust (up to propeller)</td>
<td>47/52kg</td>
<td>55kg</td>
<td>66/74kg</td>
<td>80/85kg</td>
</tr>
<tr>
<td>Pilot weight</td>
<td>up to 80kg</td>
<td>up to 80kg</td>
<td>70 to 110kg</td>
<td>75kg to tandem</td>
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<tr>
<td>Starter</td>
<td>electric</td>
<td>manual</td>
<td>electric</td>
<td>manual &amp; electric</td>
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<tr>
<td>Clutch</td>
<td>-</td>
<td>standard</td>
<td>-</td>
<td>standard</td>
</tr>
<tr>
<td>Tachometer / RPM</td>
<td>option</td>
<td>option</td>
<td>option</td>
<td>option</td>
</tr>
</tbody>
</table>
OPTIONS

BUMPER extra protection
Accessory for beginners’ pilots

COMFORT HARNESS
Cordura fabric and “air comfort” system (+ 600 g)

HAND THROTTLE “CAMELEON”
For more handling

MAYDAY PARACHUTE & CONTAINER
A complete range

AIR BAG
For more safety

FULL CARBON CAGE
Dynamic and audacious look, solidity with lightness