

Piuma Technical Data

Recommended pilot + harness weight (Min/Max).

This is the range of pilot + harness (or Trike) weights (hook-in weight) ideal for the respective hang glider.

DHV certification weight (Min/Max).

This figure is the total recommended take-off weight (hang glider + Trike + pilot + equipment).

The minimum weight value is the weight that ensures sufficient pilot control of the glider according to DHV standards.

The maximum value is the maximum weight that can be safely borne by the hang glider and equipment, considering a loading factor of +6/-3 g.

| Piuma | UoM | | S | | M | |
|--|------|-------|------------|-----------|------------|-----------|
| | sq m | sq ft | | | | |
| Wing Surface | sq m | sq ft | 13.76 | 148.1 | 16.04 | 172.7 |
| Wing Surface with wingtips | sq m | sq ft | 13.85 | 149.1 | 16.14 | 173.7 |
| Nose Angle | deg | | 120 | | 120 | |
| Wing Span | m | ft | 9.08 | 29.8 | 9.80 | 32.2 |
| Wing Span with wingtips | m | ft | 9.27 | 30.4 | 9.99 | 32.8 |
| Aspect Ratio | | | 6.0 / 6.2 | | 6.1 | |
| Double Surface | % | | 30% | | 30% | |
| Battens (upper + lower) | n | | 12 + 2 | | 12 + 2 | |
| Weight (without glider bag) | kg | lb | 19.0 | 41.9 | 22.0 | 48.5 |
| Suggested hook-in Pilot Weight (Min/Max) | kg | lb | 55 / 75 | 121 / 165 | 70 / 90 | 154 / 198 |
| DHV Certification Weight (Min/Max) | kg | lb | 65 / 100 | 143 / 220 | 83 / 115 | 183 / 254 |
| VNE | Km/h | mph | 60 | 37 | 60 | 37 |
| Stall Speed | Km/h | mph | 28 | 18 | 27 | 17 |
| Packed Length | m | ft | 4.70 | 15.42 | 5.10 | 16.73 |
| Short Packed Length | m | ft | 3.45 | 11.32 | 3.70 | 12.14 |
| CERTIFICATION | | | 01-0402-04 | | 01-0382-02 | |

| | UoM | | L | | Duplo | |
|--|------|-------|------------|-----------|------------|-----------|
| | sq m | sq ft | | | | |
| Wing Surface | sq m | sq ft | 17.35 | 186.8 | 22.01 | 236.9 |
| Wing Surface with wingtips | sq m | sq ft | 17.45 | 187.8 | 22.38 | 240.9 |
| Nose Angle | deg | | 120 | | 120 | |
| Wing Span | m | ft | 9.96 | 32.7 | 10.73 | 35.2 |
| Wing Span with wingtips | m | ft | 10.14 | 33.3 | 11.11 | 36.4 |
| Aspect Ratio | | | 5.7 / 5.9 | | 5.2 / 5.5 | |
| Double Surface | % | | 30% | | 30% | |
| Battens (upper + lower) | n | | 12 + 2 | | 14 + 2 | |
| Weight (without glider bag) | kg | lb | 23.5 | 51.8 | 33.0 | 72.8 |
| Suggested hook-in Pilot Weight (Min/Max) | kg | lb | 85 / 120 | 187 / 265 | 120 / 180 | 265 / 397 |
| DHV Certification Weight (Min/Max) | kg | lb | 95 / 142 | 209 / 313 | 153 / 217 | 337 / 478 |
| VNE | Km/h | mph | 70 | 43 | 70 | 43 |
| Stall Speed | Km/h | mph | 25 | 16 | | |
| Packed Length | m | ft | 5.30 | 17.4 | 5.65 | 18.5 |
| Short Packed Length | m | ft | 3.75 | 12.3 | 4.15 | 13.6 |
| CERTIFICATION | | | 01-0401-04 | | 01-0461-11 | |