

DG-1001 Club

The training glider for the forward-looking gliding club

The DG-1001 Club is the most suitable two-seater glider for primary training as well as cross-country training and for aerobatics.

Please consider the following unique features of the DG-1001 Club when comparing with other training gliders:

- Automatic control hook-ups
- State of the art wing sections:
creating excellent gliding performance (max. L/D approx. 41 and min. sink rate two seated approx. 0,65 m/S),
low bug and rain sensitivity
- Ballast box in the fin:
It is very easy to adjust the glider to the same C.G. position for solo and dual flying by simply adding ballast weights into the ballast box. This is a major advantage for pilot training as the student pilot can perform his solo flights with the same C.G. position as used from flying with his instructor. This is much safer than flying solo with a far further aft C.G. position and the resulting different handling characteristics.
With ballast in the fin, spin training with instructor is possible without the need of external ballast provisions.
- Height adjustable rear seat shell for outstanding visibility from the rear cockpit, even for small pilots
- If you purchase the DG-1001 Club with wing parting, you have the opportunity to update your glider to the high performance version DG-1001S (20m wing tips, water ballast, retractable landing gear)

Further details of the DG-1001 Club:

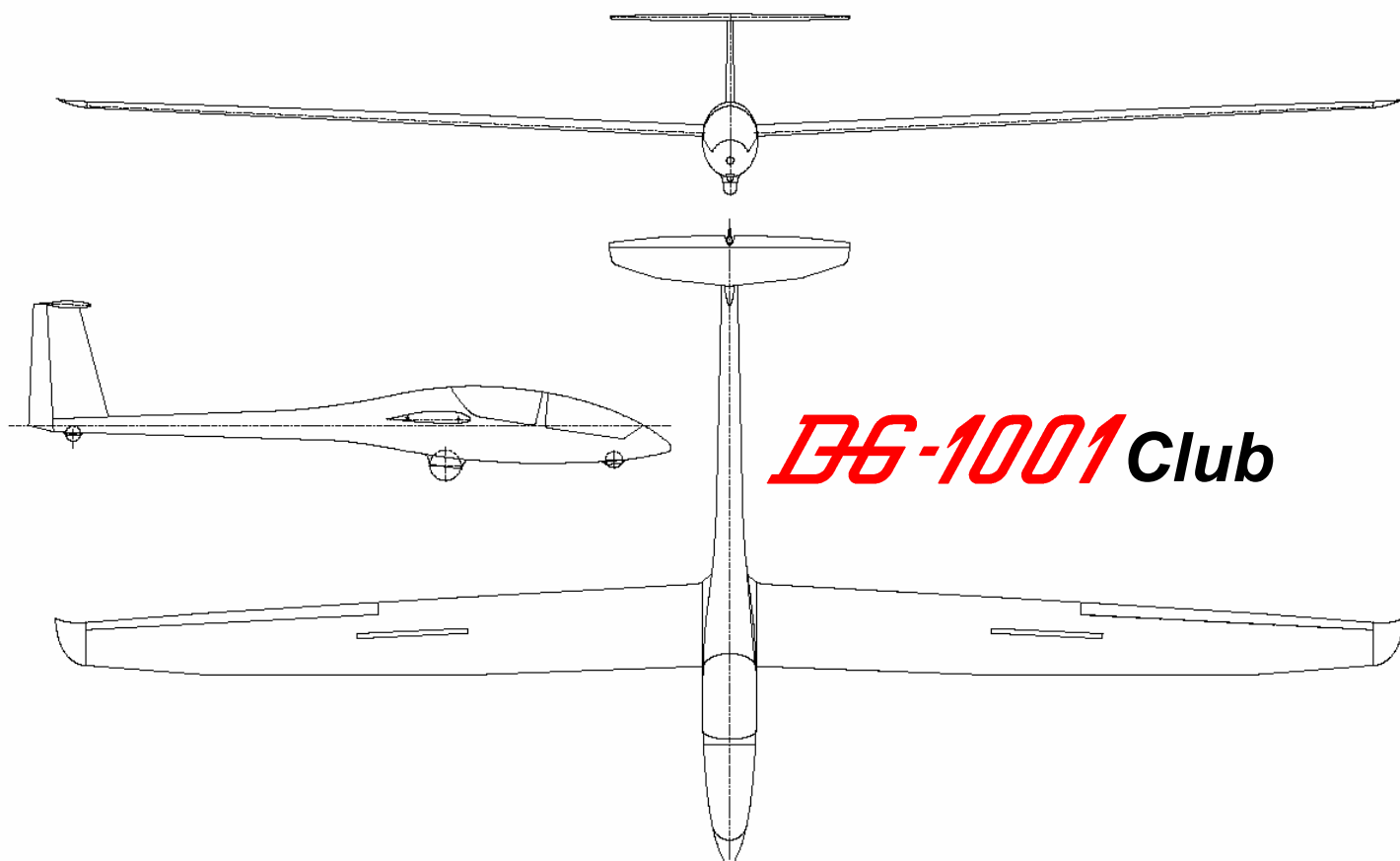
- Trim ballast boxes in the front cockpit enable even pilots as light as 55 kg to perform solo flights. The same ballast weights as used in the fin ballast box fit into these boxes.
- State of the art cockpit design, ergonomically arranged seating positions, effective and quiet ventilation system
- Rigid, high spring mounted landing gear with nose wheel and tailwheel, main wheel retractable as option
- Simple handling on the ground and in the air
- Aero towing and winch launching are very easy to perform
- Certified for aerobatics
- The new canopy frames designed for the DG-1001 are equipped with Silicone hoses for sealing to provide excellent airtightness over a wide temperature range.

Our recommendation:

Order the DG-1001 Club with the optional wing parting devices – this feature enables you to update your glider to a DG-1001S, an important argument for high resale value, a decision with foresight!

Technical data DG-1001 Club

Wing span	m	18
Wing surface	m ²	16,72
Aspect ratio	/	19,38
Length	m	8,57
Fuselage height	m	1,0
Fuselage width	m	0,73
Horizontal tailplane span	m	3,2
Certificated for		Category U, simple aerobatics Category A, aerobatics
Max. mass Category U (with optional waterballast)	kg	750
Max. wing loading	kg/m ²	44,9
Max. mass Category A	kg	630
Empty mass with basic instruments	approx. kg	411
Wing loading (with 80 kg payload)	approx. kg/m ²	29,4
Lowest rate of sink (single seated)	m/s	0,62
at	km/h	84
Stall speed (mass 550 kg)	km/h	67
Best glide ratio (mass 750 kg)	approx. /	41
at	km/h	100
Max. speed	km/h	270



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