



DG Flugzeugbau

DG-1001S



..... *save - elegant - competitive*

- The roomy and comfortable cockpit combines the feeling of well-being with the highest safety standards
- Modern aerodynamics and a dirt-insensitive airfoil insure nice handling, high agility and best performance
- All controls can be operated from both seats without limitation
- Automatic control hook-ups
- 160 liter water ballast
- The glider can be trimmed perfectly for every flight situation due to the trim-box and rear water ballast
- Electrically operated landing gear (manual version optional) guarantees incomparable comfort. Large suspension springs insure high safety.
- Certified for unlimited aerobatics in 18 m and simple aerobatics in 20 m configurations

Stand 03/15 - subject to alterations



DG Flugzeugbau

DG-1001S



..... Technical Details

Span

• wing area	18 m 16,72 m ²	20 m 17,53 m ²
• aspect ratio	19,38 /	22,82 /
• fuselage length	8,57 m	
• fuselage height	1,0 m	
• fuselage width	0,73 m	
• elevator span	3,2 m	
• water ballast (max.)	160 kg (l)	160 kg (l)
• max. weight	750 kg	750 kg
• max. wing loading	44,9 kg/m ²	42,8
• max weight for aerobatics (cat. A)	630 kg	–
• max. speed	270 km/h	270 km/h
• aerobatics	category A unlimited aerobatics	category U simple aerobatics
• empty mass (incl. basic instruments) approx.	411 kg	415 kg
• min. sink (single-seated) at		0,51 m/s 79 km/h
• stall speed (mass 550 kg)	67 km/h	65 km/h
• best glide ratio at	1:41 100 km/h	1:47 120 km/h