



DG Flugzeugbau

DG-808C Competition



..... *The world's top selling self-launcher.*

- The DEI-NT engine management is still the leading system for years now
 - Automatic extension and retraction process
 - All important parameters are monitored
 - log-book as standard
 - Stall warning as standard
- Safety first
 - Carbon-Kevlar safety cockpit as standard
 - Brilliant view due to the large canopy
 - Piggot-Hook as standard
 - Roeger-Hook as standard
 - Emergency Exit System NOAH by request
- High independence and comfort
 - Very light wing structure (approx. 67 kg each side)
 - Steerable tail-wheel as standard
 - Very large range due to 21 L fuel capacity and great climbing performance with up to 4 m/s
 - Internal fuel pump (automatic)
- Very reliable SOLO 2625, 2-stroke engine
- The DG-800 Series is the world's top-selling selflaunch motor-glider! This demonstrates performance and quality



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..... Technical Details

Span

• wing area	15 m 10.68 m ²	18 m 11.81 m ²
• aspect ratio	21.07	27.43
• fuselage length	7.055 m	
• fuselage height	1.434 m	
• max. speed VNE	270 km/h	
• best glide ratio (at 525 kg) at	1:45 / 116 km/h	1:50 / 110 km/h
• min. sink (at 420 kg) at	0.61 m/s 82 km/h	0.51 m/s 77 km/h
• empty weight approx.	346 kg	350 kg
• wing loading (with 80 kg payload) approx.	39.9 kg/m ²	36.4 kg/m ²
• water ballast wings	150 l	
• water ballast fin tank	6,5 l	
• max. weight	540 kg	600 kg
• max. wing loading	50.6 kg/m ²	50.8 kg/m ²
• engine	SOLO 2625	
• power	40/54 kW/HP	
• fuel capacity	2 l	
• take-off distance (15m obst.) at 450 kg, 18 m span	ca. 200 m	