

DG-1000T (turbo)

The two-seater selfsustaining powered sailplane

Highest performance in the 20m two-seater class combined with a powerful selfsustainer engine

- In contrary to the prototype the production DG-1000T will be equipped with a more powerful engine, the well tested Solo 2350C.
- Powerplant control and indications are similar to DG-selflaunchers for easiest handling.
- new DEI, now including stall warning, additional safety warnings and logbook

Wingspan	m	18	20
Wing surface	m ²	16,72	17,53
Aspect ratio	/	19,38	22,82
Length	m	8,57	
Fuselage height	m	1,0	
Fuselage width	m	0,73	
Horizontal tailplane span	m	3,2	
Waterballast	max. kg (l)	160	160
Empty mass with basic instruments	approx. kg	451	455
Wing loading (with 80kg payload)	approx. kg/m ²	31,8	30,5
Max. mass	kg	750	750
Max. wing loading	kg/m ²	44,9	42,8
Max. mass for aerobatics (Category A)	kg	630	-
Max. speed	km/h	270	270
Stall speed (mass 550kg)	km/h	70	68
Certified for aerobatics		Category A full aerobatics	Category U only simple aerobatics

Performance

Best glide ratio (max. mass) approx.	/	1:46,5
at	km/h	120
Lowest rate of sink (single seated)	m/s	0,53
at	km/h	80

Powerplant

engine	Solo 2350C two-cylinder-two-stroke-engine
power	22 KW / 30 hp
Reduction gear	1:2,3
Fuel tank capacity	22 Liter
Propeller	Composite

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