



LS 8-sc and LS 8-tc

Guarantee for success

The **LS 8-sc/tc** is the latest version of our LS 8-s/st for the 15 meter and 18 meter class. Multiple developments from the LS-10 production have been introduced into the **LS 8-sc/tc** assembly. The excellent aerodynamics, documented by the latest competition victories, are improved further by the Mandl-Nozzle.

The **LS 8's** foil guarantees highest performance, especially during high cruising speed. Very important is the fact that a low bug and rain sensibility remain also in high-speed.

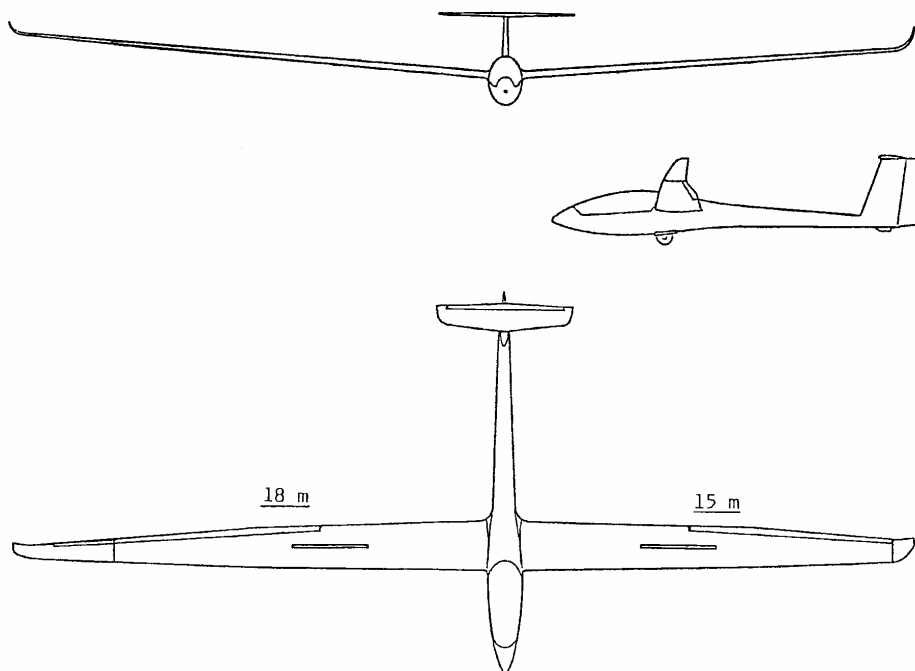
- the **LS 8-sc** is the latest glider version without turbo engine. The engine box is prepared for a later engine assembly
- the **LS 8-tc** is the latest glider version with the SOLO-2350 turbo engine. Easy engine management is guaranteed by the well known DEI-NT, invented by DG-Flugzeugbau
- wing parting optional for 15m or 18m
- LS winglets for 15m and 18m
- MTOW of 575kg, 18m configuration
- automatic control system connectors
- retractable and sprung 5 inch undercarriage
- canopy with instruments panel hinged up front
- highly adjustable trim system
- LS-10 interior (cushion, bags, cockpit layout)
- LS-10 backrest including headrest
- Ready to use water ballast system with integral tanks in the wings (190 l) and in the Tail (7,5 l)
- 2 battery boxes under the front cover
- trim weight support
- all control surface gaps sealed
- Pigott- and Röger-Hook in series
- Prandtl Multi Adapter
- fuselage constructed completely in carbon
- NOAH system
- Mandl-Nozzle in series
- tail wheel in series
- increased legroom
- a new 12 l fuel tank secures a bigger baggage compartment for the **LS 8-tc**



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LS 8-sc and LS 8-tc



Technical Data *LS 8-sc* and *LS 8-tc*

		15m	/	18m
wing area	m ²	10.5		11.4
aspect ratio	/	21.4		28.4
fuselage length	m		6.72	
fuselage height	m		0,80	
water ballast (max.)	l		190	
water ballast in fin (max.)	l		7,5	
max. take-off weight	kg	525		575
max. wing loading	kg/m ²	50.0		50.0
max. speed	km/h		280	
best glide ratio	/	~1:44		~1:49
min. sink rate	m/s	0.59		0.51

LS 8-sc

empty weight approx.	kg	250		255
wingload (pilot with 80kg)	kg/m ²	32.0		30.0

LS 8-tc

empty weight approx.	kg			290
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engine				SOLO 2350
performance	KW/PS			31/23
tank (in fuselage)	l			13
climb rate	m/s	1.3m at 420kg, 18m wingspan		



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