

PRODUCTS IN ACTION

Sailsplane from Alexander Schleicher GmbH



Success Built on Success

For over 65 years Alexander Schleicher GmbH has set exacting standards for building sailplanes. The result has been countless world championship successes in a wide variety of classes.

Today more than 8,600 Schleicher sailplanes are currently flown throughout the world both for pleasure and in competition. The company is comfortably the largest German builder of sailplanes.

Despite its multiple successes, the company has no intention of resting on its laurels. One of its latest developments is the ASH 25, a two-seater, self launching sailplane that achieves what many thought was impossible - to provide comfortable room for two pilots without any significant performance loss compared to a single-seater.

The ASH 25 has a wingspan of 25 m. a wing area of 16.31 m²., a fuselage length of 9.0 m. and a minimum sink rate of 0.42 m/s at 85 km/h.

Although a sailplanes performance is dependent on a multitude of factors, not least aerodynamics, there is little doubt that the extensive use of Divinycell sandwich and carbon and aramid laminates has played a major role in maximizing the strength to weight ratio of the airframe.

H grade Divinycell cores are used in the wings of every Schleicher sailplane in the form of ready to use kits sets. Each core kit component is supplied cut and shaped as necessary and individually numbered so that it can be placed in its pre-designated position in the mold.

Another interesting feature of the ASH 25 is that it uses a four stroke, rotary engine that was developed by Norton Motors in the UK. Originally designed for racing motor bikes, the engine has overcome the seal problems normally associated with the 'Wankel' concept.



Europe
Tel: +46 (0)430 163 00
Fax: +46 (0)430 163 95
E-mail: info@se.diabgroup.com

The Americas
Tel: +1 (972) 228-7600
Fax: +1 (972) 228-2667
E-mail: info@us.diabgroup.com

Australasia & S.E. Asia
Tel: +61 (0)2 9620 9999
Fax: +61 (0)2 9620 9900
E-mail: info@au.diabgroup.com