

## Wing-loading x suitability x pilot ability

Pilot level + suitability		paraglider pilots (soaring / thermal flying / Hike&Fly)				Experienced pilots (Hike&Fly / speed flying)			Speedrider Pilots (speed flying / speed riding)			Speedrider advanced level (speed flying / speed riding)			pros only
		I	II			III			IV			V			
size	Take-off weight [kg]	60	65	70	75	80	85	90	95	100	105	110	115	120	
Hybrid Sport 15	4,0	4,3	4,7	5,0	5,3	5,7	6,0	6,3	6,7	7,0	7,3	7,7	8,0		
Hybrid Sport 17	3,5	3,8	4,1	4,4	4,7	5,0	5,3	5,6	5,9	6,2	6,5	6,8	7,1	7,4	
Hybrid / Hike 19	3,2	3,4	3,7	3,9	4,2	4,5	4,7	5,0	5,3	5,5	5,8	6,1	6,3	6,6	
Hybrid 22															
Hybrid 24															
Hybrid 26															

level	brief description of pilot skill level required
I	<p><b>Up to 4kg/m2: Suitable for all paraglider pilots, including beginners</b></p> <p>Flight behaviour is similar to a paraglider but it is easier to launch and land. Direct control travel. Normal flight speed. Very stable flight characteristics. Thermal flying and soaring quite possible with a little more wind.</p>
II	<p><b>Up to 5kg/m2: For very good and talented EN 1-2 or freestyle pilots</b></p> <p>Flight behaviour is more dynamic than with a paraglider. Glider dips considerably more in steep turns. Take-off distance is somewhat longer and landing is somewhat more difficult than with a paraglider, as there is less time for the landing sequence. Trim speed &gt;40km/h, &gt;50km/h with trimmers open. Landing speed slightly higher. Flight characteristics direct and dynamic. Still very good level of suitability for soaring and good for thermal flying. Also good for hike &amp; fly.</p>
III	<p><b>Up to 6kg/m2: For very good and talented 1-2 or freestyle pilots</b></p> <p>Flight behaviour is very dynamic. Glider dips considerably in tight turns. Extended take-off distance compared to the paraglider. Landing requires technique and ability. Trim speed &gt;45km/h, &gt;55km/h with trimmers open. Suitable to only a limited extent for thermals and demands active flying style. Ideal for strong winds and coastal soaring, speed flying and speed riding or hike &amp; fly in high alpine mountains with strong winds.</p>
IV	<p><b>Up to 7kg/m2: Only for advanced pilots with experience in speed flying, speed riding or with small acro gliders</b></p> <p>Very dynamic flight behaviour. Considerable loss of height in steep turns. Very demanding to launch and land. Recommended only for specific terrain. High trim speed &gt;50km/h, &gt;60km/h with trimmers open. Not suitable for thermal flying, hike &amp; fly: soaring in strong winds only with considerable experience. Considerable speed riding experience is required. Ski-launch highly recommended!</p>
V	<p><b>Up to 8kg/m2: Only for very experienced mini-wing pilots or advanced speed flyer or speed rider pilots</b></p> <p>For experts only! Flight behaviour is demanding and agile and requires a high level of pilot experience. Extreme loss of height in steep turns. Very high trim speed. Very demanding to launch and land. Considerable speed riding experience is absolutely essential. Ski-launch highly recommended!</p>
VI	<p><b>Above 8kg/m2: only for absolute professionals and generally not recommended</b></p> <p>This wing loading is no longer suitable for foot launch! Use the Spitfire speed rider for speed riding!</p>