

# MISTRAL 4

PERFORMANCE TO SPARE!

	22	24	26	28	30
DHV Zulassung					
<b>DHV Homologation</b> homologation DHV	1-2	1-2	1-2	1-2	1-2
Startgewicht (kg)					
<b>Take off weight</b> min. max.	55 75	65 90	80 105	90 115	105 135
Poids pilote avec équipement					
Zellen					
<b>Cells</b> Caissons	51	51	51	51	51
Flügelfläche (m <sup>2</sup> )					
<b>Wing area</b> Surface	25,4	26,9	28,9	30,4	32,5
Flügelfläche projiziert (m <sup>2</sup> )					
<b>Wing area projected</b> Surface projetée	21,9	23,2	24,9	26,2	28,1
Spannweite (m)					
<b>Wing span</b> Envergure	11,7	12,0	12,5	12,8	13,2
Spannweite projiziert (m)					
<b>Projected wing span</b> Envergure projetée	9,3	9,5	9,82	10,1	10,4
Streckung					
<b>Aspect ratio</b> Allongement	5,36	5,36	5,36	5,36	5,36
Streckung projiziert					
<b>Projected aspect ratio</b> Allongement projetée	3,86	3,86	3,86	3,86	3,86
Schirmgewicht (kg)					
<b>Canopy weight</b> Poids de l'aile	6,2	6,45	6,8	7	7,25
Min. Sinkgeschwindigkeit (m/s)					
<b>Min. sink rate</b> Taux de chute min	1,05	1,05	1,05	1,05	1,05
Max. Geschwindigkeit (km/h)					
<b>Max speed</b> Vitesse avec accélérateur	>50	>50	>50	>50	>50
Trimmgeschwindigkeit (km/h)					
<b>Trim speed</b> Vitesse bras hauts	37	37	37	37	37

changes possible



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## Stock colours



white / red



black / red



black / orange



blue / yellow



blue / turquoise

## Special colours



blue / orange



red / orange



orange / yellow



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DHV 1-2

## MISTRAL 4: Success once again

The Mistral 3 set a very high standard when it was released two years ago, and is one of the best performing gliders in the DHV 1-2 class. The SWING development team faced a great challenge when it set about improving on that glider. But that's just what it's done, thanks to its great persistence: "The Mistral 4 will surpass everything else and surprise you all" promises Michael Hartmann, designer and competition pilot.



## Is this the glider for me?

The Mistral 4 will appeal to all kinds of pilot, whether you are a keen cross-country pilot chasing thermals, a pilot coming from higher DHV ratings looking

for a less demanding glider or a social pilot looking for fun. With its remarkable equilibrium, sensitive handling, flight dynamics and, above all, its top performance, even those of you who don't fly very often will be stirred out of hibernation! High levels of safety are of course the norm for Swing.

## Increase in performance

When it comes to safety, the Mistral 3 could not be improved. So from the outset the designers and test pilots concentrated on the glider's performance. A major limitation is drag, and it was on precisely this



point that the team focussed, optimising the glider's flow profile and reducing its lines by 20%.

That means a line length of 70m! The result is a glider which scores a noticeable improvement in performance compared to its predecessor without compromising on safety. Its handling has become a little more lively and direct.

## Up, up and away

The Mistral 4 is at its best when thermalling. Its clean and accurate climbing is also clearly evident in uneven and tight thermals. More direct control pressure and a very pleasant canopy feedback also allow pilots to make accurate inputs in good time.

## New design

We all know that appearance counts. This is why we developed a new slim design for the Mistral 4, which emphasises its elegant aspect ratio. The glider is available in 5 + 3 colour combinations, and we also offer you the option of designing your own glider – in which case, we can deliver it in just 2-3 weeks.

## Top of its class

With the highly successful Arcus 4 (DHV 1/1-2) and the new Mistral 4 (DHV 1-2), Swing offers two gliders in the very popular DHV 1-2 class which considerably push up the current performance limit. Two top gliders, available in 10 sizes and more than 16 different colour combinations, prove once again that the name of Swing is synonymous with innovative paraglider development.

Fotos: Greg Hamerton und Peter Wallenda

Note: This is a temporary brochure

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