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## **ADVANCE IMPRESS 2**

### **Welcome on board !**

The ADVANCE iMPRESS 2 is an aerodynamically optimized and versatile harness, of the latest generation. Developed for the use in competitions, is it also perfect for all those pilots who like the warmth of the speedbag during long flights. Due the fact that you can remove the speedbag with ease, this model is one of the few in its class that can be used for freestyle flying and in winter with skis as well.

The iMPRESS 2 is derived from the very successful iMPRESS. However, the iMPRESS 2 is available now in three sizes allowing more versatility for fitting pilots of different heights. Some details have been changed from the iMPRESS, without affecting its legendary comfort.

### **Developed by the Pro's – approved in practice**

The iMPRESS harness was developed and tested by Chrigel Maurer (PWC winner, European Champion and OLC Overall winner). Chrigel used an early prototype of this harness on his European XC Record flight in 2004 (323 km). His 10 hour flight certainly proved the comfort of this design. Now, not only all of the ADVANCE Comp pilots fly with the iMPRESS, but many top pilots using other makes of glider choose it as well. The iMPRESS was the harness used by all three of the pilots on the 2006 PWC podium:

1. Chrigel Maurer OMEGA / iMPRESS
2. Greg Blondeau Magus / iMPRESS
3. Thomas Brauner Magus / iMPRESS

Impressive evidence of its comfort and performance !

### **One philosophy – one concept**

Just like our gliders, ADVANCE harnesses are well engineered high end products made from the best materials available. We are one of the few paraglider manufacturers that actually make our own harnesses as well. They are produced in our own factory with our high quality standards, using the most advanced techniques available.

All ADVANCE harnesses feature the following qualities:

- A direct transfer of all glider movements to the pilot to support or promote an active flying style



- The well designed back offers supreme comfort and combats fatigue on long flights, enhancing safety by allowing the pilot to concentrate on the flight and not on the equipment
- Whilst DHV approved models offer back protection and PVC sheet penetration protection, often making for quite 'voluminous' profiles, the iMPRESS 2 incorporates comfort foam and penetration protection that doesn't modify its aerodynamic form.
- All models are certified according DIN EN 1651 on 100 kg clip in weight

### **Outstanding features of the iMPRESS 2**

#### *Aerodynamically optimised*

Extensive studies in the wind tunnel at the Technical High School in Zurich confirmed the advantage of an aerodynamically optimised design with a slim silhouette. These tests have been substantiated during many test flights and in daily practice. However, the position of the pilot (angle of the speedbag) and the clothing (Speedarms) are important factors that assist in reaching the best performance as well.

#### *Compact*

A ballast system close to the harness' centre of gravity and the central position of the safety chute make launching very easy. The weight of any additional ballast that the pilot chooses to carry is transmitted directly to the carabiners, allowing the harness and pilot to be a homogenous and compact unit. The ballast has minimal effect on the harness setup or feel.

#### *Comfortable*

The pilot weight is equally distributed from the thigh area to shoulders with no adverse squeezing or compression that may affect the blood circulation and decrease concentration. The speedbag offers a lot of warmth and can be ventilated easily to stay comfortable even on the longest flight.

#### *Versatile – three alternatives in one harness*

- Configuration with speedbag; perfect aerodynamics and insulation, offers the best comfort on long flights
- Configuration with wind-skirt and stirrup; optimised aerodynamics but less bulky and less weight
- Configuration without stirrup; ideal for freestyle use and in winter if flying with skis.

#### *Important details*

- A well designed hydro-system promotes trouble-free drinking on long flights
- Adaptable speedbag with unrestricted adjustment of length and angle
- Low clip in points
- integrated pockets
- functional cockpit
- Easy to use (grab) speed system



### Package Contents

Included with the iMPRESS 2 :

- Harness iMPRESS 2 including lightweight seatboard
- 2 Powerfly carabiners
- 10 cm Comfort back foam
- Safety chute internal container including handle
- Speed system
- Adaptive restraint system for the speed bar
- Manual including Guarantee Card and Service booklet.

### Options

- Speedbag: Detachable neoprene full length leg cover with integrated camera pouch, cockpit with instrument mount and adjustable speed system.
- Windskirt: Perfectly fitting, detachable, short Neoprene cover with integrated cockpit, adjustable step speed sy
- stem with stirrup for flying the harness without leg cover.

### Using with other glider brands

- The iMPRESS 2 harness can be used with any paragliders – there are no restrictions.

## Technical details

		<b>S</b>	<b>M</b>	<b>L</b>
Pilot size	cm	155 - 172	168 - 187	183 - 202
With of seatboard	cm	30/32	32/34	34/36
Depth of seatboard	cm	37	40	43
Depth of seatboard	cm	42	43	44
Weight (including Powerfly carabiner)	kg	4.000	4.300	4.700
Weight Speedbag	kg	2.000	2.300	2.600
Weight Windskirt	kg	0.800	0.850	0.950
Weight comfortfoam	kg	0.650	0.750	0.900
Weight seatboard light	kg	0.240	0.260	0.300

The iMPRESS 2 is equivalent to DIN EN 1651 and is certified for a passenger weight up to 100 kg.

## The materials

We are continuously checking and testing the materials that we use. Like all ADVANCE products, the iMPRESS II was developed and built after exhaustive technical research and from the best materials available. We chose the selected materials very carefully following strong quality controls.

#### Outer and inner fabric:

Nylon 210D Oxford PU coated

#### Chest strap:

PA 44mm 2'000 kg

#### Main Leg and Shoulder straps:

PES / V01 25mm 2'000 kg

#### Safe – T System:

Hsi11, click-lock