

EN

# HARNESSES



A close-up photograph of a red and black dog harness. The word 'Energy 2' is printed in a large, stylized font, with 'Energy' in red and '2' in blue. Above it, the word 'CARE' is printed in blue. The harness has a black strap with a buckle and a black strap with a buckle. The background is a solid blue color.

# Energy 2

## THE ALL-ROUNDER

The Energy 2 is an all-rounder-harness with a premium foam protector and a built-in rescue container on the side.

## WHO IT IS FOR:

Perfectly suitable for beginners, leisure pilots and cross country pilots who put special emphasis on safety, functionality and seating comfort while appreciating the maximum passive safety of an 18 cm thick foam protector.



## THE CHARACTERISTICS

The Energy 2 is designed for you to get fast and easily into the desired seating position.

The adjustable backrest and the variable seating grade help you to fit the harness to your body. With help of straps on the sides you can increase or decrease the grade of the seating board and the backrest. This enables you to sit more upright if you like.

Aim of the adjustment: It is much easier for you to get into the desired seating position and when landing into the standing position.

**Energy2**



## THE HIGHLIGHTS

### 1 ADJUSTABLE TO YOUR LIKING

The seating board and the backrest can be adjusted individually.

### 2 SAFETY HAS PRIORITY

The Energy 2 provides an 18 cm thick foam protector and a T-locking system.

### 3 WELL STOWED AWAY

Everything can be stowed away nicely by using the net pocket and the large side pocket. Even during flight everything is accessible.

### 4

### PROTECTION


The bottom of the harness is protected by a PVC-protection film in order to keep away dirt and protect the harness.

### 5

### DESIGN DETAILS

The embroidered elements and the leather zips round up the design of the Energy 2.





	<b>S</b>	<b>M</b>	<b>L</b>
<b>SPECIFICATION</b>	PH	PH	PH
<b>WEIGHT (Kg)</b>	3,8	4,4	5,5
<b>MAX. LOAD (Kg)</b>	120	120	120
<b>SUSPENSION HEIGHT (cm)</b>	38	40	42
<b>CARABINER DISTANCE</b>	< 80 KG: 38–42 CM    80–100 KG: 42–46 CM    > 100 KG: 46–50 CM		
<b>TYPE OF PROTECTION</b>	20 CM FOAM PROTECTOR		
<b>RESCUE POSITION</b>	BUILT-IN CONTAINER UNDER THE SEAT		
<b>CHECK INTERVAL</b>	24 MONTH		
<b>REFERENCE NUMBER</b>	GS-03-0371-08		



# Energy SP

**SAFETY FROM THE FIRST  
MINUTE**

The Energy SP is a closed air bag harness with an integrated spiral spring.  
The spiral spring guarantees a 100% protection right from the start, during flight and continues until landing.



## WHO IT IS FOR:

Beginners, leisure and hobby pilots who prefer a compact airbag harness which offers a functional protector right from the start.



## THE CHARACTERISTICS

This comfortable harness is especially suitable for pilots with a slightly shorter upper part of the body due to its cleverly designed harness geometry.

After the start it is very easy to find the right seating position and a stable flight is guaranteed. The height of the hook-in-point is positioned slightly higher on purpose which enables you to fly very precisely.

The air bag which is filled up with air by using the spiral spring inside offers you a significant amount of passive safety. An additional safety system can be installed later by adding a side protector between seating area and the side of the pelvis.



## THE HIGHLIGHTS

1

### SAFETY FROM THE FIRST MINUTE

The spiral spring pre-fills the air bag and offers you safety right from the beginning.

2

### ADDITIONAL PROTECTION TO YOUR LIKING

An additional safety system can be installed at any time by adding a side protector between seating area and the side of the pelvis.

3

### STORAGE SPACE

On the sides of the Energy SP flexible neoprene pockets are available incl. a zip and a spacious compartment at the back.

4

### PROTECTION

The bottom of the harness is protected by a PVC-protection film in order to keep away dirt and protect the harness.

5

### DESIGN DETAILS

The embroidered elements and the leather zippers round up the design of the Energy SP.





	<b>S</b>	<b>M</b>	<b>L</b>
<b>SPECIFICATION</b>	GH	GH	GH
<b>WEIGHT (Kg)</b>	3,9	4,2	4,5
<b>MAX. LOAD (Kg)</b>	120	120	120
<b>SUSPENSION HEIGHT (cm)</b>	43	45	47
<b>CARABINER DISTANCE</b>	< 80 KG: 38-42 CM    80-100 KG: 42-46 CM    > 100 KG: 46-50 CM		
<b>YPE OF PROTECTION</b>	SELF-INFLATING AIRBAG (SPRING-SUPPORTED) + 3 CM FOAM PRO- TECTOR		
<b>RESCUE POSITION</b>	BUILT-IN CONTAINER UNDER THE SEAT		
<b>CHECK INTERVAL</b>	24 MONTH		
<b>REFERENCE NUMBER</b>	GS-03-0386-13		



# Energy CROSS

## THE HIKE & FLY REVERSIBLE HARNESS

The Energy Cross is a harness with an improved dynamic pressure air bag.

The air bag is air-filled right from the start due to pretensioned and extremely light Nitinol rods and therefore offers a higher safety compared to conventional dynamic pressure air bags of the first generation.

## WHO IT IS FOR:

For everyone who wants a harness which offers the advantages of the advanced air bag technology, paired with low weight, durability, wearing comfort, relaxed flying and sophisticated details.

Not only the beginner but also the Cross Country pilot will enjoy this harness.



## THE CHARACTERISTICS

The EnergyCross is a light weight reverse harness which is comfortable to carry, comfortable to fly including a high safety margin. The attachment options for a piece of sports equipment or a mini Vario at the shoulder straps are further thoughtful highlights for pilots that like to walk long distances.

In the back part a second air cushion is formed during starting which comes additionally to the required norm and serves the pilot with extra passive safety. Another highlight is the adjustable rescue compartment which can be closed by a zip. You have the possibility to reduce the size of the compartment or to enlarge it. A shifting of the rescue is therefore impossible.



## THE HIGHLIGHTS

### 1 VELCRO STRAPES

A piece of sports equipment or a mini Vario can be attached to the harness using the Velcro straps.

### 2 ADJUSTABLE RESCUE COMPARTMENT

The volume of the rescue compartment can be reduced or enlarged depending on the size of your rescue.

### 3 WELL STOWED

The side pockets are positioned in a way that they can be accessed during flight. In addition the Energy Cross offers a large back compartment with rubber bands which can be used for walking sticks and will minimise the risk of injury due to badly stowed hardware.

### 4 SAFETY WITH NITINOL RODS

Built-in Nitinol rods in the air bag make sure that the harness is air-filled by 60% before the starting phase.

### 5 AIRBAG IN THE BAG AERA

Due to the expansion of the airbag into the back part of the harness you have an improved protection beyond required norms.





	S	M	L
SPECIFICATION	PH / REVERSIBLE HARNESS	PH / REVERSIBLE HARNESS	PH / REVERSIBLE HARNESS
WEIGHT (Kg)	3,5	3,6	3,7
MAX. LOAD (Kg)	120	120	120
SUSPENSION HEIGHT (cm)	40	42	45
CARABINER DISTANCE	< 80 KG: 38-42 CM	80-100 KG: 42-46 CM	> 100 KG: 46-50 CM
TYPE OF PROTECTION	AIRBAG PROTECTOR		
RESCUE POSITION	BUILT-IN CONTAINER UNDER THE SEAT		
CHECK INTERVAL	24 MONTH		
REFERENCE NUMBER	EAPR-GZ-7302/10		





# Apus

## THE LIGHT HIKE&FLY REVERSIBLE HARNESS

The Apus is our certified light and reversible harness without seating board. One of it's main features is that it is freely combinable with various protectors.

With a weight of only 1.95 kg (incl. airbag) it is an extremely light harness including an airbag and a foam protector.



## WHO IT IS FOR:

For pilots who want to carry as little weight as possible and can decide responsively how much passive protector safety they need and how much weight and packing volume they want to accept.

A light harness for hike & fly, outdoor life, thermal flying, ground handling, soaring at the dunes.



## THE CHARACTERISTICS

The Apus has a very wide range of use especially referring to the various possibilities using the following protectors:

- EN/LTF-certified air bag protector
- Thin foam protector
- Lexan penetration-protection

In combination with the air bag protector the Apus is a completely EN/LTF-certified harness with minimum weight.

Due to the body-shaped form, steering is easily done by weight shifting. Also the accelerated flight with stretched legs causes no problems. Thus even thermal flights lasting for longer hours can be enjoyed very comfortably.

Apus

## THE HIGHLIGHTS

### 1 VELCRO STRAPS

Fixed by Velcro-straps a mini-vario or Spot can be attached to the harness.

### 2 ADDITIONAL FIXTURES

Due to the two additional buckles you have the option to add a front container with a rescue parachute directly to the harness.

### 3 SAFETY TO YOUR TASTE

The 3.5 cm thin foam protector and the Lexan penetrati-on-protection offer you additional safety while they are light and can be removed as needed.

### 4 SPEED SYSTEM

A magnet clip helps you to fix the speed system to the harness easily.

### 5 FURTHER ATTACHMENT OPTIONS

Equipment like sticks, drinking bottles and sleeping bags can be fastened to your harness.



SPECIFICATION	GH / REVERSIBLE LIGHTWEIGHT HARNESS
WEIGHT (Kg)	1,95
MAX. LOAD (Kg)	100
SUSPENSION HEIGHT (cm)	45
CARABINER DISTANCE	<37-48 CM
TYPE OF PROTECTION	3 CM FOAM PROTECTOR EXTENDABLE WITH A LEXAN PLATE AND AN AIRBAG PROTECTOR
RESCUE POSITION	MOUNTABLE FRONT CONTAINER
CHECK INTERVAL	24 MONTH
REFERENCE NUMBER	DHV-GS-03-0339-06



## STORLEKAR

VIKT IN KG

STORLEK I CM

	45	50	55	60	65	70	75	80	85	90	95	100
155	(S)	(S)	(S)	(S)	(S)	(S)						
160	(S)	(S)	(S)	(S)	(S)	(S/M)	(S/M)					
165	(S)	(S)	(S)	(S)	(S)	(S/M)	(M)	(M)				
170		(S)	(S)	(S/M)	(S/M)	(S/M)	(M)	(M)	(M)	(M/L)		
175			(S/M)	(S/M)	(M)	(M)	(M)	(M)	(M/L)	(M/L)	(L)	(L)
180				(M)	(M)	(M)	(M)	(M)	(M/L)	(L)	(L)	(L)
185					(M)	(M)	(M/L)	(M/L)	(M/L)	(L)	(L)	(L)
190						(M/L)	(M/L)	(L)	(L)	(L)	(L)	(L)
195							(L)	(L)	(L)	(L)	(L)	(L)





**ICARO Paragliders**

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