



User's manual

Catch 2025

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Contents

Congratulations!	3	Protector	8	Waterlanding	11
Description	3	Connection	10	Cleaning and storage	12
Safety	3	Harness/paraglider connection	10	Operation and repairs	13
Harness straps adjustment	4	Preparing harness for flight	10	Environmental care	14
Straps	5	Harness use in practice	11	How to take care of the environment	14
Shoulder straps	5	Paraglider compatibility	11	Recycling of used gear	14
Side straps	5	Training	11	Technical data	15
Leg straps	5	Tandem flying	11	Materials	16
Chest strap	5	Acro	11	Set cointains	17
Pockets	6	Landing	11	Join our community	18
				Manufacturer data	19

Congratulations!

Thank you for choosing the Catch 2025 harness. We have done our best to present you with a highest quality product, fulfilling all safety requirements. Please read this manual carefully before using the harness for

the first time. This will help you utilize all features of the Catch 2025, maximizing comfort and fun you get out of each flight. We wish you a lot of safe and enjoyable airtime!

Description

Catch 2025 is a harness specifically designed for parakiting. It also performs exceptionally well in speedflying and speedriding. The split seat and comfortable backrest provide great freedom of movement, making it easier to achieve precise body balancing. The harness features 12 cm thick foam-air protector, which can be easily detached and compressed for transport. On the outside of the rear pocket, there are mounting points for attaching a sports camera pole. The harness is made from lightweight yet highly durable materials. In size M, the harness weighs only 1.36 kg (including the protector). The harness is equipped with lightweight Edelrid Aura 16 kN carabiners. The webbing attached to the carabiners includes special anti-twist sleeves to prevent rotation. The Catch 2025 is available in four sizes: S, M, L, and XL, allowing you to perfectly match it to your height.

Safety

Paragliding is a potentially hazardous sport. When flying a paraglider you have to accept the risks of injury and

even death. Improper and/or incompetent use of the harness may increase those risks. Thus the proper training, familiarity with your gear and a valid insurance are mandatory. The pilot has to be able to independently assess the weather conditions, too. All flights are to be absolved with your helmet on and the rescue chute installed. Before each flight a gear check is required as for possible damages and overall airworthiness. In case of any doubts please ask your dealer or manufacturer.

Caution: POWAIR do not bear any responsibility for damages or injuries resulting from paragliding activities.

Harness straps adjustment

Caution: Before adjusting the harness, make sure the rear pocket is packed as it would be for a normal flight. Perform the first test flight in calm conditions, and if necessary, adjust the settings afterwards. Never adjust the harness during flight.



1 – Shoulder straps

3 – Leg straps

2 – Side straps

4 – Chest strap

Straps

Shoulder straps

They are flexible. Adjust them so they don't slip off your shoulders during takeoff and flight. The adjustment of the shoulder straps (1) is designed to fit the harness to the pilot's height. The shoulder strap buckle prevents them from slipping off the shoulders during takeoff.

Side straps

They are used to change the seat / backrest inclination. The adjustment involves replacing the side straps. The set includes two sets of different lengths. Remember that the more the backrest reclines, the greater the risk of twisting in the risers in dangerous flight conditions.

Leg straps

Non-adjustable.

Chest strap

The chest strap governs the spacing of the carabiners. In the Catch 2025 harness, it can be adjusted from 41 to 48 cm. The chest strap is connected to the leg straps.

Caution: Check the fastening of the chest strap before each flight so that you do not fall out of the harness after take-off.

Pockets

Catch 2025 has one back pocket (approx. 9l capacity in size M). Careful packing of the back pocket significantly affects the comfort of the flight. Hard objects can be

felt through the backrest of the harness and this may ruin your day. On the outside of the rear pocket, there are mounting points for attaching a sports camera pole.

Use the Velcro straps included in the set and the camera pole screw for mounting.

For stable camera mounting, the rear pocket must be filled.

Caution: Securing the pole with the camera screw is essential to prevent it from slipping out.



Caution: Never fly with the pole installed in its collapsed state. In case of a crash, the risk of serious

bodily injury is very high. Remove the pole if you're not using the camera.



Protector

Catch 2025 harness is equipped with foam-air protector with a thickness of 12 cm. Fixing the protector in place is shown below. Start the installation of the protector by securing

the center of the rear pocket. Attach the Velcro first, then fasten the strings on the sides and the white pins on the harness webbing.



Caution: The protector does not require special attention, as long as no hard or water landing occurred. If any of these happens, please follow paragraphs 12 “Cleaning and storage” & 13 “Operation and repairs”.

No protector can guarantee total

safety for the pilot neither exclude injuries (e.g. to the spine) in case of an accident.

A protector offers some guard against hits only for those body parts it was designed to protect. Any modifications to the protector can drastically reduce its effectivity.

In case of replaceable protector – it will obviously protect you only when present in the harness.



Connection

Harness/paraglider connection

The Catch 2025 harness is equipped with 16 kN Edelrid Aura aluminium carabiners. Use them to connect the harness to the risers. It is recommended to replace the main carabiners with new ones after 1500 hrs airtime or 5 years of use.

Caution: Check before launch if the carabiners are closed and locked against accidental opening.

Preparing harness for flight

Before each flight a thorough check of the harness is required. For your own safety make sure that:

- the harness has no visible damage.
- shoulder and chest straps are properly adjusted.
- the rear pocket is closed and the zipper is tucked away.
- the carabiners connecting the harness to the paraglider are closed, secured, and undamaged.

Fastening the harness:

- fasten the chest strap,
- fasten the strap fixing the shoulder straps.

Caution: Always close the chest strap first, and the pod second. Before each start check that the chest strap is firmly closed, especially when it's a subsequent launch. Not properly locked chest strap may lead to falling out of the harness with POSSIBLY FATAL CONSEQUENCES !!!

Harness use in practice

Paraglider compatibility

Catch 2025 can be used with any paraglider.

Training

Catch 2025 is not suitable for initial and training flights.

Tandem flying

Catch 2025 is not suitable for tandem flight neither as a pilot, nor as a passenger.

Acro

Catch 2025 has been designed for parakiting. It is not suitable for advanced aerobatic manoeuvres.

Other Systems

This harness is not equipped with any additional systems that can be adjusted, removed, or replaced.

Landing

While on the final approach, assume upright position and slip out of the harness Touchdown when still sitting is unacceptable, as there is high risk of spine injury. Land always on your feet, with a few steps to bleed the speed off if necessary. The protector is NOT a landing aid and was not designed as such.

Waterlanding

Waterlanding can be very dangerous as there is a risk of drowning. If unavoidable, undo the buckles of the chest straps and the strap securing the shoulder straps while at a low altitude. Get out of the harness just before it hits the water so you don't get entangled in lines or other paraglider components. The harness does not sink, so you can swim up to it and use it as a lifebuoy if you see that there is no risk of entanglement in the paraglider lines.

Caution: Waterlanding while still seated in the harness is extremely dangerous. The protector does not sink and will always float, forcing your head under water and rendering breathing very hard or impossible. Additionally, there is very high risk of getting tangled in lines and drowning. Nevertheless, avoid such situation at all costs.

Cleaning and storage

All materials for the harness have been carefully selected, with their quality and durability in mind. Your care and maintenance of the harness will keep in good condition for a long time. The harness is best cleaned with a wet sponge, possibly a bit of soap. Do not use neither detergents nor solvents. If there is a lot of mud, use the brush first before wet cleaning.

In case of completely soaked harness (e.g. after waterlanding) dry it in a well aired place, away from direct sun operation. Soaked back protector must be taken out of the harness and dried with its zip opened. If this will be not enough, remove the airfoam and dry it separately. Soaked rescue chute always has to be completely removed from the harness, dried and packed again by a licensed person.

The harness can be kept in the backpack, or best loose in a well ventilated room, away from the sun. In case of a long-time storage we recommend taking it out of the backpack. Unfortunately some discoloration of the harness' parts is unavoidable over time and this is yet another reason for not exposing it to the sun more than necessary.

Caution: Do not store a wet harness in the backpack for a long time. Dry it thoroughly before packing. Some parts of the harness are glued and this may affect the condition of these joints.

Operation and repairs

Periodic control of the harness condition will keep it in safe operation for a long time. After each hard landing check the back protector too, as the seams or zip quite often get ripped when absorbing impact and damaged protector will be ineffective. If you notice damage to its cover, send it back to the producer for a repair or buy a new one.

Correspondingly, after each use of rescue chute thoroughly check entire harness for damages, paying particular attention to the straps and seams.

Aluminium carabiners Edelrid Aura 16kN should be replaced each 5 years or 1500 hours airtime. Scratched or

damaged carabiners are not serviceable anymore and have to be replaced at once.

Using damaged harness is out of the question. In case of any doubts please contact your dealer or manufacturer and/or send it to an authorized workshop for closer inspection.

Caution: The Catch 2025 harness is per standard airworthy for 10 years since the date of production.

The AF-12/2024 protector used in the Catch 2025 harness is airworthy for 10 years from the date of production.



Environmental care

How to take care of the environment

Paragliding is an outdoor sport. We believe that our clients share our environmental awareness. Exercising paragliding you can easily contribute to environment preservation by following some simple rules. Make sure you are not harming nature wherever you fly. Keep to marked paths, do not make excessive noise, do not leave any garbage and respect fragile balance of the environment.

Recycling of used gear

The harness is made out of synthetic materials, which need to be properly disposed of when worn out. If you are not able to dispose of your gear properly, POWAIR will do that for you. Just send your harness to the address given at the end of the manual, accompanied by a short note.



Technical data

Catch 2025	S	M	L	XL
Pilot height [cm]	162 - 172	170 - 179	177 - 187	184 - 190
MAX. Weight of pilot [kg]	100	100	100	100
Suspension height [cm]	-	-	-	-
Spacing of carabiners [cm]	41 - 48	41 - 48	41 - 48	41 - 48
Weight of the harness * [kg]	-	1,36	1,45	1,49
Load test [100 kg]	EN 1651 / EN 12491			
Certificate	EN	EN	EN	EN

* Weight (kg) including protector, carabiners.

Materials

Main strap	Poliester 15mm 1300 daN
Leg straps and chest straps	Poliester 15mm 1300 daN
Side strap	Liros XTR 5-6mm 930daN
Shoulder straps	Poliester 15mm
Buckles	Edelrid, Finsterwalder
Fabrics	Zagros ripstop 70 D 85 g/m2
	Delinova 100 200 g/m2
	Cordura ripstop 5012 120 g/m2

Since POWAIR products are subject to constant improvements, minor differences are possible between the manual and actual product. POWAIR with holds rights to introduce such changes without individual notice.

Set cointains

- 1 Catch 2025 harness
- 1 AF protector (12/2024)
- 2 Edelrid Aura 16 kN carabiners
- 2 Side straps
- 2 Hook-and-loop straps for attaching an action camera pole (mounting screw for the pole is not included)



Join our community

By purchasing our gear you've become an important part of Dudek Paragliders family!

Share your experiences with the entire community and stay current with new offers by joining our fanpages.

If you have interesting photos and films of your flying by all means send them to us, and we will share them with our entire community

media@dudek.eu

Do not forget to label everything you publish in social media with #dudekparagliders!



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