



Quad Pitstop Backpack Pro V2

Backpack for FPV pilots
User manual



Read this manual carefully before first use and keep it for future reference.

Importer: Rotorama, s.r.o. · www.rotorama.com

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1. Product description

1.1 What it is for

Torvol Quad Pitstop Backpack Pro V2 is a backpack for FPV drone pilots, especially racers. According to the manufacturer, it easily carries **up to 4 race quadcopters** and all the equipment you need for flying – FPV goggles, radio transmitter, LiPo batteries, tools and other small items. The main compartment is divided by hook-and-loop dividers and a number of organiser pockets, so you can arrange it to suit your gear. A laptop with its charger fits into the pocket on the back. An integrated rain cover is stored in the bottom, and a tripod or a folding chair can be strapped to the outside.

At the flying field or at a race, the backpack turns into a field workshop: the **PITSTOP** zipper opens the backpack into a work surface where you can quickly adjust and repair your quads, the **MAGNETCASE** keeps your screws in place, and the **CLEANSEAT** mat protects your clothes when working on the ground. An integrated rain cover is stored in the bottom, and a tripod or a folding chair can be strapped to the outside.



Opened backpack with equipment (illustrative photo – colour varies by version)

- ① Slot for the LiPo Safe Bag (bag not included)
- ② Main compartment with modular hook-and-loop dividers
- ③ Two side pockets – stretchy and puncture-proof
- ④ MAGNETCASE magnetic case for screws
- ⑤ CLEANSEAT mat
- ⑥ PITSTOP work surface

⑦ Puncture-proof pockets for sharp tools

► Other features of the backpack

- laptop pocket (up to 15" according to the manufacturer) and charger on the back,
- secret pocket on the back for your most important items (new in V2),
- top pocket for personal items,
- back padding split in two (new in V2),
- shoulder, hip and sternum straps,
- loops for quad straps, now with an extra loop at the front (new in V2),
- quick-release side straps for a tripod or a folding chair,
- integrated expandable rain cover in the bottom,
- place for a pilot name tag (Custom Nametag).

1.2 Technical data and package contents

Parameter	Value
Product designation	Torvol Quad Pitstop Backpack Pro V2
Manufacturer code by colour	Black and Green: T0015V2 Stealth: T0015BLCKV2 Purple: T15_PURP
External dimensions	33 × 27 × 52 cm
Internal dimensions	24 × 22 × 50 cm
Capacity	30 l
Weight	3.05 kg
Material	85 % polyester, 8 % PVC, 7 % polyurethane
Package contents	1× Quad Pitstop Backpack Pro V2
Not included	LiPo Safe Bag, Custom Nametag (ordered separately from the manufacturer), quads and equipment shown in the photos

Data provided by the manufacturer Torvol. This manual applies to all colour versions; they differ only in colour.

2. Use

2.1 Arranging the main compartment

The dividers in the main compartment are attached with hook-and-loop fasteners. Before packing for the first time, position them according to the size of your quads, goggles and radio transmitter. Put each item into its own compartment so that it does not move around while carrying and its sharp edges do not touch other items.

According to the manufacturer, the backpack holds:

- FPV quadcopters with propellers up to **6"**,
- cinewhoops and racewhoops up to **4"**,
- DJI drones: Avata, Air 2S, FPV (without propellers), Mini 2/SE, Mavic 2 Pro/Zoom, Mavic 3, Mavic Air, Mavic Air 2, Mavic Mini, Mavic Pro/Pro Platinum, Spark, Tello and Tello Edu – **Phantom drones do not fit**,
- Autel drones: Evo Lite, Evo Lite+, Evo Nano, Evo Nano+, Evo I, Evo II, Evo II Pro,
- Parrot drones: Anafi, Anafi Work/Extended/Thermal/FPV/Ai/USA,
- Hubsan drones: Ace Pro/Pro SE, Zino 2 Mini/Mini Pro, H501M, H501A, H501S, H501C, H216A, H502S, H507A, H507D, H502T, H502E, H107D, H111D, H109, H109S, H107C, H111C Nano, H122D, H123D – **Zino and Zino 2 do not fit**,
- Yuneec drones: Typhoon H, Mantis Q, Typhoon H3.

Store sharp items (tools, spare propellers) in the puncture-proof pockets ⑦ and in the side pockets ③, small screws and nuts in the MAGNETCASE ④. Valuables and documents belong in the secret pocket on the back, and the laptop with its charger in the laptop pocket.

2.2 PITSTOP work surface and CLEANSEAT mat

- ① Lay the backpack on its back on a flat, dry surface.
- ② Open the PITSTOP zipper and unfold the backpack – this creates the work surface ⑥ with access to your tools and to the MAGNETCASE ④.
- ③ Unfold the CLEANSEAT mat ⑤ and kneel or sit on it so that your clothes stay clean while you work.
- ④ When finished, put the tools and screws back in place, fold the mat and close the backpack.

✱ Do not place batteries that are charging or damaged on the opened backpack and do not use a soldering iron on it – the hot tip can burn through the fabric.

2.3 Attaching quads and equipment to the outside

The front of the backpack has loops for quad straps; the V2 version adds an extra front loop, so you can adjust the position of the straps to the size of your quad. Larger items such as a tripod or a folding chair are attached with the quick-release side straps.

- Attach the quad so that the propellers do not stick out beyond the edge of the backpack and catch on anything; ideally remove the propellers before transport.
- Tighten the straps so that the quad does not swing while walking, and check that everything is securely attached before putting the backpack on.
- Point antennas and cameras inwards, towards the backpack, so that they are not damaged by an impact.

2.4 Rain cover

An integrated, expandable rain cover is stored in the bottom of the backpack. When it rains, pull it out and stretch it over the backpack; thanks to its expandable cut it can also cover quads attached to the outside. Let a wet rain cover dry before stowing it again.

2.5 Carrying

- First adjust the length of the shoulder straps so that the backpack sits close to your back and its lower edge is at waist level.
- Fasten and tighten the hip strap – it transfers most of the weight to your hips.
- Fasten the sternum strap at a comfortable height; it holds the shoulder straps together.
- Pack heavy items closer to your back and lighter items further away.
- Do not overload the backpack and do not force a zipper closed over an over-stuffed compartment – damage caused by overloading is not covered by the manufacturer's warranty.

2.6 Transporting LiPo batteries

LiPo batteries can catch fire if damaged or short-circuited. Follow these rules when transporting them:

- Transport batteries in a fire-resistant **LiPo Safe Bag** (not included), for which there is a dedicated slot ① in the main compartment.
- For transport and longer storage, set the batteries to storage voltage of **3.8 V/cell** (e.g. 15.2 V for 4S, 22.8 V for 6S).
- Protect the connectors against short circuits – do not store batteries loose among metal tools.
- Do not put swollen, damaged or hot batteries into the backpack.
- Do not leave the backpack with batteries in direct sunlight or in a hot car.

- When travelling by air, follow the airline's rules for carrying lithium batteries.

3. Care and maintenance

The manufacturer states that the backpack is **spot-clean only**, unless the care label says otherwise:

- remove dirt with a damp cloth, or with a soft brush and lukewarm water,
- **do not machine wash**, tumble dry or iron the backpack and do not use harsh cleaning agents,
- protect the backpack from fuel, solvents, adhesives, salt water and prolonged exposure to UV radiation and high temperatures,
- keep the zippers free of sand and dust – clean them with a brush after flying in dusty conditions,
- before storing a damp backpack, leave it open and unfolded to dry at room temperature,
- do not modify the backpack in any way (do not cut, re-sew or drill it) – modifications void the manufacturer's warranty for the affected part.

4. Information for the EU and Czech Market

4.1 Importer and responsible person in the EU

The product is placed on the European Union market by the importer stated below, who is at the same time the responsible person within the meaning of Article 16 of Regulation (EU) 2023/988 of the European Parliament and of the Council on general product safety (GPSR).

Importer / responsible person in the EU	Rotorama, s.r.o.
Company ID (IČO)	051 57 692
VAT ID (DIČ)	CZ05157692
Registered office	Okrajová 1351, 674 01 Třebíč, Czech Republic
E-mail	info@rotorama.cz
Phone	+420 252 252 098
Website	www.rotorama.com

4.2 Disposal

- The backpack contains no electrical or electronic components and no batteries, so the take-back scheme for electrical equipment does not apply to it.
- Before disposal, remove all equipment from the backpack, especially batteries, which belong at a battery collection point.
- Dispose of the backpack according to your local municipality's instructions – in a textile collection if one is available, or at a recycling centre. Sort the packaging by material (paper, plastic).
- If you use and dispose of the product in another country, follow the regulations of the country in which the product is located.

5. Warranty and rights arising from defective performance

The rights and obligations of the contracting parties are governed by Czech law, in particular by Act No. 89/2012 Coll., the Civil Code, and Act No. 634/1992 Coll., on consumer protection.

- The seller is liable to the buyer for the product being free of defects on receipt. If the buyer is a consumer, a defect may be notified **within two years of receipt** of the product (Section 2165 of the Civil Code).
- If a defect appears within **one year** of receipt, the product is deemed to have been defective already at the time of receipt (Section 2161(5) of the Civil Code).
- When purchasing online, a consumer has the right to **withdraw from the contract within 14 days** of receiving the goods without giving a reason (Section 1829 of the Civil Code).
- Claims should be made with the retailer from whom you purchased the product. The importer's contact details are given in Chapter 4.1.
- The competent body for out-of-court settlement of consumer disputes is the **Czech Trade Inspection Authority**, Štěpánská 796/44, 110 00 Prague 1, www.coi.cz.