

MUTANT SERIES



SUSTAINABLE DESIGN

- + bluesign® approved main body, accent and bottom fabrics
- + GRS-certified recycled main body, accent and bottom materials
- + PFAS-free DWR



MUTANT 22



MUTANT 38



MUTANT 52

Welcome to Osprey. We pride ourselves on creating the most functional, durable and innovative carrying products for your adventures. Please refer to this owner's manual for information on product features, use, maintenance, customer service and warranty.

OWNER'S MANUAL



osprey.com



OVERVIEW



SHARED FEATURES

- 1 Removable webbing gear attachment straps
- 2 Front panel daisy chain loops, compatible with Voile straps
- 3 Three-point haul system
- 4 Snowshed fabric backpanel
- 5 Dual ToolLocks with bungee tie-offs
- 6 Internal hydration sleeve
- 7 Lightweight, glove friendly buckles
- + Rope attachment/internal compression

PRODUCT PROMISE

We worked with our athletes, local guides and die-hard employees, testing in all seasons and climbing disciplines, to combine the long-haul capabilities of mountaineering packs with the light-and-fast ethos of the Mutant to create a streamlined offering of alpine-, rock- and ice-focused solutions for any climber, any season and any destination. These packs allow the user to move more efficiently in the mountains while providing critical features to help you reach the summit and get back safely.

FABRIC M22

- MAIN** bluesign® approved 210D recycled nylon grid NanoFly™, PFAS-free DWR
- ACCENT** bluesign® approved 210D recycled nylon grid NanoFly™, PFAS-free DWR
- BOTTOM** bluesign® approved 210D recycled nylon grid NanoFly™, PFAS-free DWR

FABRIC M38, 52

- MAIN** bluesign® approved 210D recycled high tenacity nylon, PFAS-free DWR
- ACCENT** bluesign® approved 210D recycled nylon grid NanoFly™, PFAS-free DWR
- BOTTOM** bluesign® approved 420D recycled high-tenacity nylon, PFAS-free DWR

OVERVIEW



MUTANT 22

SPECS	O/S
Cubic Inches	1343
Liters	22
Pounds	1.43
Kilograms	0.65
Inches	20h x 11w x 9d
Centimeters	50h x 28w x 22d
LOAD RANGE	5-25 lb 0-11 kg
ADD-ON	Raincover S



UNIQUE FEATURES

- 1 Removable web belt with padded hipwings and dual carabiner- or clip-loop
- 2 Zip mesh pocket under large zip bucket opening
- 3 Dual upper compression straps
- 4 Side loops for additional compression, attachment points or to rig A-frame ski carry; compatible with Voile straps
- 5 Removable Atilon framesheet

MUTANT 38

SPECS	S/M	M/L
Cubic Inches	2198	2319
Liters	36	38
Pounds	2.52	2.69
Kilograms	1.14	1.22
Inches	25h x 12w x 10d	27h x 12w x 10d
Centimeters	63h x 30w x 26d	68h x 30w x 26d
LOAD RANGE	10-30 lb 5-13 kg	10-30 lb 5-13 kg
ADD-ON	Raincover M	Raincover M



UNIQUE FEATURES

- 1 Removable top lid with zip pocket; FlapJacket and stowaway pocket
- 2 Removable, multi-position helmet carry net
- 3 Reinforced A-frame ski carry
- 4 Quick release upper and lower compression straps
- 5 Dual hipbelt gear loops and ice gear carry loops
- 6 Reverse-wrap hipbelt
- 7 Removable Atilon framesheet, dual aluminum stays

MUTANT 52

SPECS	S/M	M/L
Cubic Inches	3051	3173
Liters	50	52
Pounds	3.22	3.40
Kilograms	1.46	1.54
Inches	28h x 14w x 12d	30h x 14w x 12d
Centimeters	71h x 35w x 30d	76h x 35w x 30d
LOAD RANGE	20-50 lb 9-23 kg	20-50 lb 9-23 kg
ADD-ON	Raincover L	Raincover L



UNIQUE FEATURES

- 1 Removable top lid with zip pocket, FlapJacket and stowaway pocket
- 2 Removable, multi-position helmet carry net
- 3 Reinforced A-frame ski carry
- 4 Quick release upper and lower compression straps
- 5 Dual side wand/snow-picket pockets

MUTANT 22

1 SUSPENSION

- + Removable Atilon sheet laminated to ridge foam, HDPE upper stiffener

2 BACKPANEL

- + Snowshed backpanel

3 HARNESS

- + Stretch-woven fabric over contoured EVA foam

4 HIPBELT

- + Removable webbing belt with padded hipwings



MUTANT 52 / 38

1 SUSPENSION

- + Removable HDPE sheet, two aluminum stays form V support, removable Atilon sheet laminated to ridged EVA foam

2 BACKPANEL

- + Snowshed backpanel

3 HARNESS

- + Stretch-woven fabric over contoured EVA foam

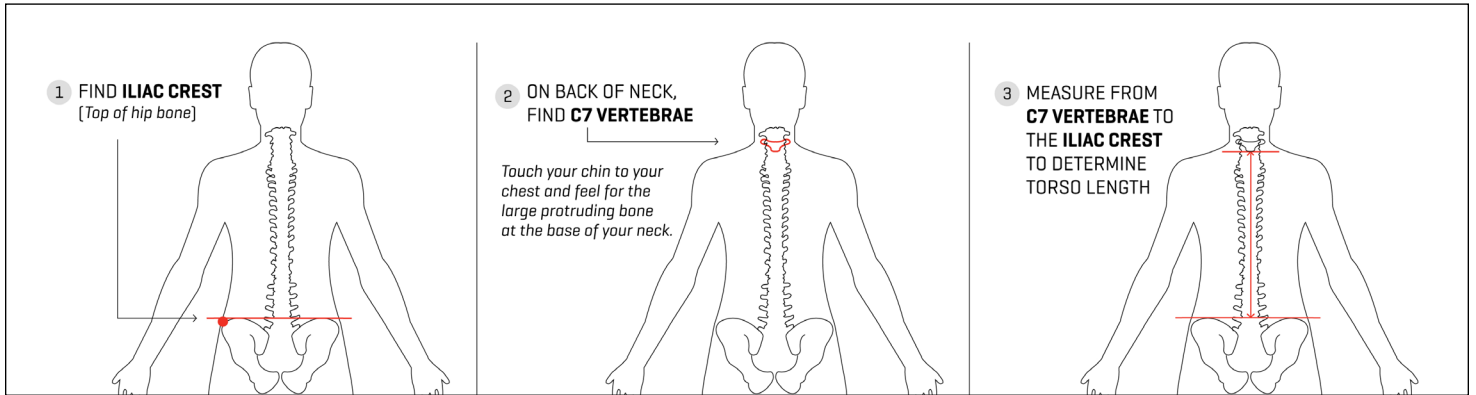
4 HIPBELT

- + Stretch-woven fabric over contoured EVA foam, gear loops and ice gear clip attachment



SIZING / FIT

HOW TO MEASURE YOUR TORSO FOR YOUR PACK



MUTANT 22

TORSO O/S 16-20 in. / 40.5-51 cm

MUTANT 38

TORSO S/M 14-17 in. / 35.5-43 cm
M/L 17-21 in. / 43-53 cm

MUTANT 52

TORSO S/M 14-17 in. / 35.5-43 cm
M/L 17-21 in. / 43-53 cm



FIT

BACKPANEL

The backpanel and harness straps should wrap fully around your shoulders with no gaps between the pack and your back.

HARNESS

The padded part of the harness straps should end 1 1/2 in. - 2 in. below the armpits.

STERNUM STRAP

The sternum strap adjusted to approximately 2 in. below the collarbone.



HIPBELT WRAP

52 L / 38 L

In circumstances where the hipbelt may interfere with a climbing harness or is otherwise not needed, it can be wrapped back around the pack bag and buckled under the loop at the base of the front panel. This will keep the pads and webbing securely out of the way.



REMOVABLE WEBBING HIPBELT

22 L

Webbing hipbelt can be removed to provide access to your harness and gear while climbing. Simply unthread the webbing from the triglide on either side of the pack body and store for safe-keeping. The hipbelt can also be wrapped around the pack bag and passed through the loop at the base of the front panel, keeping the webbing and buckles out of the way until needed again.



REMOVABLE FRAMESHEET/STAYS

52 L | 38 L

The framesheet and integrated stays can be removed depending on the user's preference. The pack can be worn without any framesheet or stays, or the framesheet can be re-installed without the stays for varying levels of pack structure and weight.

To remove:

- 1 Detach the hook and loop flap, located towards the top of the main compartment interior of the pack.
- 2 Remove the framesheet.
 - a. Bend the top corners of the framesheet out from underneath the triangular fabric flaps on either side.
 - b. Pull up on the web handle at the center of the framesheet, sliding it out from its sleeve.
- 3 Detach the hook and loop closure at the top of each stay (structural aluminum rod) and remove by pulling on the cord loop.
- 4 Reverse to re-install taking care not to bend the aluminum stays if they are re-attached to the framesheet.

SIZING / FIT

REMOVABLE FRAMESHEET/STAYS

22 L

To remove the Atilon Sheet:

- 1 Detach the hook and loop flap, located towards the top of the main compartment interior of the pack.
- 2 Remove the framesheet by pulling up on the web handle at the center of the framesheet, sliding it out from its sleeve.
- 3 Reverse to re-install.

FEATURE DETAILS



REMOVABLE TOP LID WITH INTEGRATED FLAPJACKET COVER FOR LIDLESS USE

52 L | 38 L

Removable top lid for trips that require less gear or to save weight.

- 1 Unbuckle the front retention straps.
- 2 Locate and unclip the rear buckles that connect the top lid to the backpanel.
- 3 Feed the rear buckle end (male) through the diagonal web loops that help contain them at the top corners of the backpanel.
- 4 To reattach the lid, reverse the process. Pass the buckles under the diagonal web loops (they help keep the lid stable on top of the pack) and reconnect the buckles.

When using pack without top lid, unfold the FlapJacket from its pocket, located on the exterior of the pack's cinch skirt, and attach them to the same front vertical compression straps that the top lid connects to.

Special Top Lid Tip: The attachment straps for the top lid are adjustable and positioned backwards to eliminate slippage when the pocket is extended. Passing the tails of the adjustment straps under the web loops under the lid will keep the top of the pack neater and prevent confusion with the load lifter straps when putting the pack on.



A-FRAME SKI CARRY

52 L | 38 L

Dual lower reinforced ski carry loops and upper compression straps combine for A-frame style ski carry.

- 1 Insert the ski tails through the lower reinforced ski carry loops tips up.
- 2 Clip the upper compression straps around the skis.
 - a Strap the ski tips together for additional stability if desired. You'll need an additional strap of your own to do this.
- 3 Re-engage the buckles and tension the straps around the skis for stable A-frame ski carry.
- 4 Reverse to remove skis.



DUAL SIDE WAND/PICKET POCKETS

52 L

Dual side pockets provide secure storage and easy access for wands and snow pickets. Please note, they are not intended for water bottles.

- 1 Loosen side compression straps.
- 2 Insert wand or picket between pack body and compression straps, ensuring the lowest point enters the pocket.
- 3 Tighten side compression straps.
- 4 Loosen the side compression straps to remove wand/pickets.

FEATURE DETAILS

DAISY CHAIN LOOPS FOR ADDITIONAL COMPRESSION OR EXTERNAL GEAR ATTACHMENT

52 L | 38 L | 22 L

Route webbing or elastic cord through the webbing loops as needed to attach crampons or other items to the pack's exterior. A pair of removable straps with quick release buckles are included.

- 1 To remove the accessory straps, release the buckles. Pass the buckles through the loop at the other end of the strap and remove from the daisy chain.
- 2 To reinstall, slide the webbing strap under the daisy chain and pass the buckle through the loop at the end of the web. Pull to tighten down on the daisy chain.

22 L

Two extra loops are sewn in along each sidewall, located at the top of the padded hipwing, to provide an anchor point for additional compression. Thread straps through the loops and under a loop on the front daisy chain to enable ski carry or to more securely compress the pack load.



DUAL TOOLLOCKS

52 L | 38 L | 22 L

Works in conjunction with bungee tool tie-offs to provide secure and easily accessible ice tool carry.

- 1 Pass the pick end of the ice tool under the center fabric patch and then route the ToolLock clip through the eyelet on the head of your ice tool.
 - a Tip: The bungee that tensions the ToolLock clip should be pre-adjusted to hold securely. The adjuster is located inside the pack at the base of the front panel. Locate the loose end of the bungee and tighten or loosen as needed.
- 2 Loosen the upper Y-clip bungee, insert the ice tool handle and secure by tightening the bungee.
- 3 Reverse this process to remove the tools.



GLOVE FRIENDLY BUCKLES

52 L | 38 L | 22 L



INTERNAL HYDRATION SLEEVE

52 L | 38 L | 22 L

Place reservoir inside sleeve to help ensure proper pack weight distribution. Clip reservoir to buckled loop to keep upright.



TOP OF PACK HELMET CARRY

52 L | 38 L

- 1 Open the hook and loop pocket on the top lid and pull out the helmet net.
- 2 Pull the net over your helmet and attach the hooks to the top lid webbing.



FRONT OF PACK HELMET CARRY

52 L | 38 L

- 1 Open the hook and loop pocket and detach the clips from the webbing loops.
- 2 Attach two of the clips to the upper daisy chain webbing loops on the front of the pack.
- 3 Stretch the net over your helmet and attach the remaining two clips to the appropriate webbing loop to ensure the helmet is secured.



DUAL HIPBELT GEAR LOOPS AND ICE GEAR CARRY ATTACHMENT

52 L | 38 L

Harness-style loops for attaching climbing equipment with slots for dedicated ice screw organization and tool carry carabiners.

FEATURE DETAILS



ROPE ATTACHMENT/INTERNAL COMPRESSION

52 L | 38 L

The packs are equipped with a center compression strap that can be used to cinch down the load at the top of the pack and/or secure a rope under the lid. The strap can be positioned externally or internally depending on what is required.

1. Begin by locating the female buckle for the strap. It will be visible at the top center of the backpanel or it will be found at the top center, inside the pack. There is a small pass-through tunnel sewn at the base of the cinch skirt which allows the buckle to be positioned inside or outside as needed.
2. For external use, either with the top lid in-position or removed, set the buckle to the outside and connect with the webbing strap that is anchored at the top of the front panel.
3. For internal use, primarily for load compression when using the FlapJacket feature, set the female buckle to the inside and connect the web compression strap. Compress and then cinch the drawcord closure before securing the FlapJacket with the two front straps, normally used to secure the top lid.



THREE POINT HAUL SYSTEM

52 L | 38 L | 22 L

Three-point haul system utilizes dual front and single rear reinforced haul loops for simple, secure hauling.



ROPE ATTACHMENT/INTERNAL COMPRESSION

22 L

A main compartment compression strap compresses loads and can also be threaded externally to secure a rope.

1. To use internally, connect the aluminum hook on the end of the strap compression strap through the webbing loop, sewn at the base of the mesh pocket, and pull the strap tight.
2. To use externally, feed the strap through the hydration port and position the buckle on the outside the pack. Connect the hook to the laminated fabric loop at the top of the pack and pull the strap tight.

The strap can be used in conjunction with the side compression straps to secure a rope. Avoid overtightening as this will pull the rope uncomfortably into the wearer's headspace.



INTERNAL STORAGE POCKET

52 L | 38 L

A zippered mesh pocket, under the FlapJacket storage pocket inside the upper skirt, provides secure storage when the top lid isn't being used.

52 L | 38 L

The top panel features an internal zippered compartment with key clip for storing and organizing smaller items.

For more information on this and other products, pack care, how to pack your pack, our lifetime guarantee, or to contact Osprey customer service, visit [osprey.com](https://www.osprey.com).