

OSPREY UNLTD™ SERIES



♂ Men's Osprey UNLTD AntiGravity 64

♀ Women's Osprey UNLTD AntiGravity 64

Welcome to Osprey. We pride ourselves on creating the most functional, durable and innovative carrying product 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 UNLTD™

[osprey.com](https://www.osprey.com)

OVERVIEW



Osprey UNLTD AntiGravity Suspension

A remarkably comfortable carry with heavier loads.



SHARED

- 1 Osprey UNLTD AntiGravity suspension
 - 2 Clamshell compression system
 - 3 Convertible top lid lumbar pack with water resistant coated zippers
 - 4 Dual panel access with laminated zip flaps
 - 5 TPU cast anti-abrasion panels
 - 6 Variable woven ski loops and tuck-away axe loops
 - 7 Removable sleeping pad straps
 - 8 Large, versatile hipbelt pockets
 - 9 Externally accessed reservoir sleeve
 - 10 Injection-molded hydration hose routers
 - 11 Stow-On-The-Go trekking pole attachment
 - 12 High tenacity nylon ripstop raincover located in base zippered pocket
- + Twin front pockets
 - + Super strong and break resistant YKK buckles
 - + Compression divider for sleeping bag storage
 - + Custom Airporter travel cover with lockable zippers

MAIN FABRIC

210D High Tenacity Nylon Ultra-High-Molecular-Weight Polyethylene Ripstop, PFC-free DWR

ACCENT

210D High Tenacity Nylon Ultra-High-Molecular-Weight Polyethylene Ripstop, PFC-free DWR

BOTTOM

500D bluesign® approved recycled High Tenacity Nylon, PFC-free DWR

- + The high tenacity nylon used in our main fabrics delivers substantially improved performance compared to regular nylon. Its polymer structure gives it a higher melting temperature, which improves abrasion resistance, and greater tensile strength, which improves tear strength.
- + On top of that, the main fabrics include a UHMWPE double ripstop grid to further reinforce the fabric. UHMWPE, or ultra-high molecular weight polyethylene, is a lightweight yarn with a tensile strength 10 times that of steel. The grid adds tremendous durability to the fabric.

OVERVIEW

ANTIGRAVITY 64 MEN'S

SPECS	S/M	L/XL
Cubic Inches	3906 in.	4089 in.
Volume	64 L	67 L
Dimensions	31.89 H x 16.14 W x 15.35 D in. 81 H x 41 W x 39 D cm.	33.86 H x 16.14 W x 15.35 D in. 86 H x 41 W x 39 D cm.
Pack Weight with Lid	5.25 lbs. 2.391 kg.	5.29 lbs. 2.399 kg.
Pack Weight with Lid & Raincover	5.46 lbs. 2.476 kg.	5.5 lbs. 2.49 kg.
Removable Lid Weight (AntiGravity Lumbar Pack)	0.496 lbs. 0.22 kg.	0.496 lbs. 0.22 kg.
Aircover Weight	1.036 lbs. 0.469 kg.	1.036 lbs. 0.469 kg.



ANTIGRAVITY 64 WOMEN'S

SPECS	XS/S	M/L
Cubic Inches	3722 in.	3906 in.
Volume	61 L	64 L
Dimensions	29.53 H x 16.14 W x 15.35 D in. 75 H x 41 W x 39 D cm.	31.50 H x 16.14 W x 15.35 D in. 80 H x 41 W x 39 D cm.
Pack Weight with Lid	5.07 lbs. 2.299 kg.	5.22 lbs. 2.367 kg.
Pack Weight with Lid & Raincover	5.28 lbs. 2.39 kg.	5.44 lbs. 2.467 kg.
Removable Lid Weight (AntiGravity Lumbar Pack)	0.496 lbs. 0.22 kg.	0.496 lbs. 0.22 kg.
Aircover Weight	1.036 lbs. 0.469 kg.	1.036 lbs. 0.469 kg.



CARRY



AUTOLIFT SYSTEM

STERNUM STRAP

ANTIGRAVITY SUSPENSION

OSPREY UNLTD ANTIGRAVITY FRAME

3D PRINTED FITSCAPE™ LUMBAR WITH CARBON® DLS™ TECHNOLOGY

ERGOPULL HIPBELT ADJUSTMENT

TORSO LENGTH GUIDELINES

CAMLOCK TORSO LENGTH ADJUSTMENT

FIT-ON-THE-FLY® HIPBELT

OSPREY ANTIGRAVITY (AG)

- + A complex panel of tensioned meshes, each selected for unique performance properties, extends from the top of the backpanel down to the 3D printed FitScape lumbar pad and then out to the sides of the hipbelt.
- + The structure contours automatically to the body and flexes as needed, providing outstanding fit and unrestricted movement when wearing the pack.

AUTOLIFT SYSTEM

- + No need to adjust and readjust load lifters while hiking. AutoLift automatically engages the upper frame of the pack, keeping the load close to back, stable and in proper balance.
- + Works directly with CamLock Torso Adjustment System to quickly set the optimal position for shoulder straps.

TORSO LENGTH GUIDELINES

- + Provides quick confirmation that the harness is set evenly on both sides.

STERNUM STRAP

- + Easily tracks up and down to allow optimal positioning and comfort.
- + Buckle includes built-in safety whistle.

FIT-ON-THE-FLY AG HIPBELT

- + The Osprey UNLTD AG hipbelt blends the new 3D Fitscape lumbar pad with the outstanding contact and ventilation of the tensioned mesh wrap that makes Osprey AG technology unique.
- + Highly evolved hipbelt is adjustable to deliver the right amount of wrap for ultimate comfort.
- + Hook/loop securely positions extendible pads, separates easily to allow quick length adjustment.
- + Silicone grip stripes prevent slippage under load.

OSPREY UNLTD ANTIGRAVITY FRAME

- + Blends multiple components perfectly to create optimal performance.
- + The main tubular anodized 7075 aluminum alloy frame element provides outstanding vertical stiffness to resist collapse under load and maintain tension on backpanel mesh.
- + Two horizontal stainless steel wires at the bottom of the frame deliver spring tension to the hipbelt area, controlling flex and fit.
- + A pair of custom-molded hubs join the tubular aluminum and stainless steel wire elements together at the lower corners of the backpanel, allowing each material to offer its unique performance advantage independently.
- + Additionally, the injection-molded hubs are exposed through the fabric at the bottom of the pack, providing a buffer and preventing wear when it is set on the ground—the hard nylon material can tolerate a lot of abuse without any issues.

CAMLOCK TORSO LENGTH ADJUSTMENT

- + Micro-adjustable self-locking cams allow torso length to be quickly and easily adjusted to a perfect fit while the pack is worn.
- + Simply lift up on the buckle lever to release the webbing and adjust the shoulder harness upward.

3D PRINTED FITSCAPE™ LUMBAR WITH CARBON® DLS™ TECHNOLOGY

- + Advanced 3D printing technology delivers a uniquely supportive lumbar pad.
- + Flex and shape are tuned to support load evenly and reduce pressure points.
- + Open structure ventilates and reduces heat buildup.
- + Polymer compound grips securely to promote load transfer and eliminate slippage.

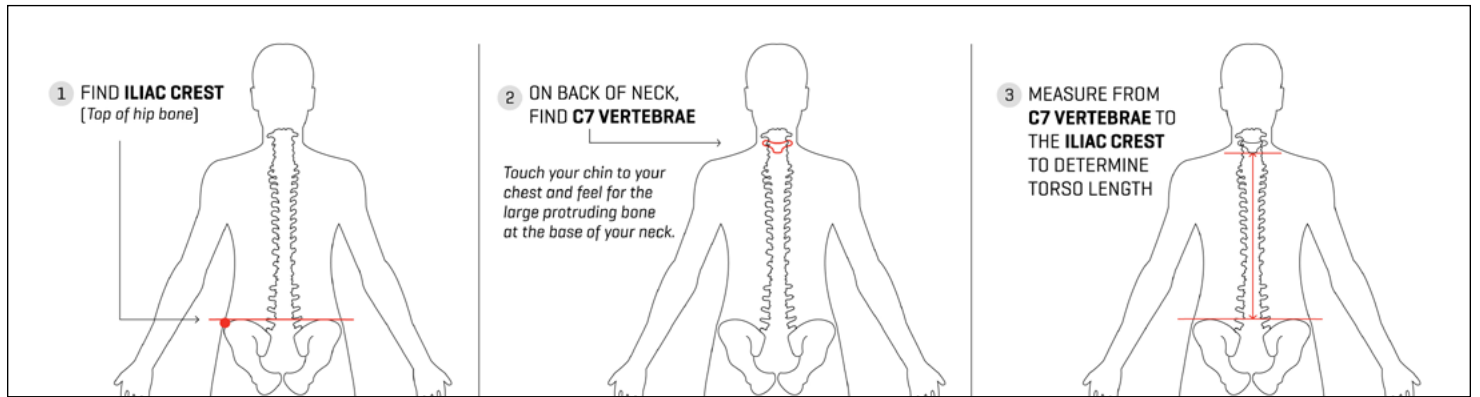
ERGOPULL HIPBELT ADJUSTMENT

- + Provides natural leverage to ensure hipbelt is tight enough to properly support load.

SIZING / FIT

The Osprey UNLTD AntiGravity is designed to deliver outstanding comfort on the trail through the use of technologically advanced materials and versatile fit adjustments. The packs are available in men's and women's fit, in two sizes each. Sizing is based on torso length, as measured from the top of the hipbones to the C7 vertebra. Choosing the correct size is the critical first step.

HOW TO MEASURE FOR TORSO SIZE



Fitting involves adjusting the pack to optimize comfort. Fitting begins with setting the torso length of the pack and then fine tuning the harness and hipbelt lengths to user preference. After initial adjustments are made, it is good practice to take the pack on a test hike with a moderate load to further evaluate the comfort. All settings can be quickly readjusted in the field. It should be expected that tweaking the fit under load and in use is key to getting the most out of the pack design.

PACK FIT INSTRUCTIONS



1 PREPARE THE PACK

Release the Torso Length Adjuster CamLock buckle by lifting up on the tab and sliding the shoulder strap yoke up the frame to its highest position.

Loosen the pack's hipbelt and harness webbing to make it easy to put the pack on.

Without weight in the pack, it is difficult to properly adjust for fit, so load the pack with 10-20 lbs./4-9 kg. of gear.

2 POSITION THE PACK

Put the pack on and position the hipbelt so the iliac crest (upper edge of hipbone) is about 1.5" (4 cm.) below the upper edge of the belt. While hipbelt position is a matter of personal preference and specific body geometry, this recommendation is a solid starting point that delivers an excellent balance of load transfer and freedom of motion.



3 BUCKLE HIPBELT

Buckle and tighten the hipbelt evenly using Osprey's cross-body ErgoPull. The padding on the hipbelt is adjustable for length, but that step will come later. For now, it is OK to leave it in the original position.

SIZING / FIT

PACK FIT INSTRUCTIONS (CONTINUED)



4 SHOULDER STRAP ADJUSTMENT

Tighten the shoulder straps enough to draw the pack securely against the back. AutoLift automatically engages the upper frame of the pack. The upper portion of the shoulder straps should be floating above shoulder level at this point, leaving a gap.

Buckle the sternum loosely and position it so it sits about 2" below the collarbones. The sternum strap webbing adjusts for position up and down by sliding on a fabric covered rail.



5 SETTING TORSO LENGTH

The Torso Length Adjuster webbing runs through the two CamLock buckles on either side of the backpanel of the pack. Pull down on the webbing loops to lower the shoulder straps just to the point where the padding of the straps makes good contact with the top of the shoulders. Pulling too far will begin to lift the hipbelt off the correct position on the hipbones.



6 CHECK TORSO LENGTH

Locate the harness yoke—this is where the harness straps come together near the base of the user's neck. Locate the C7 vertebra—the large protruding bone at the base of the neck. The yoke should be positioned 1 in./2.5 cm. – 2 in./5 cm. below the C7 vertebra. When properly positioned, the shoulder straps should not slip off the sides at the shoulder or put undue pressure on the neck.



7 CHECK HARNESS FIT

The harness straps should wrap fully around the shoulders with no gaps between the pack and back. The AutoLift system automatically positions the shoulder strap padding and should extend 2" or more below the armpits.



8 TENSION THE STERNUM STRAP

Check the sternum strap and readjust if necessary to a position approximately 2 in./5 cm. below the collarbone and tightened only enough pull light tension. The shoulder straps should be pulled lightly in across the chest to allow comfortable arm swing, but not so much as to deform or lift them off the body.

ADJUSTING YOUR PACK

CUSTOM FIT-ON-THE-FLY HIPBELT



The customizable hipbelt pads extend directly from the lumbar to accommodate different hip shapes and sizes and provide a fine-tuned fit. Ideally, the end of the padding should be adjusted to reach beyond the front edge of the iliac crest to reduce pressure on this sensitive spot.

To adjust the hipbelt:

1. Completely loosen the pack's hipbelt webbing.
2. Separate one of the pack's hipbelt wings from the padded hipbelt by disengaging the hook-and-loop closure.
3. With one hand, hold the pack's hipbelt wing. With the other hand, guide the padded hipbelt in/out from behind the padded lumbar to the desired position.
4. Press firmly to re-engage the hook-and-loop closure. Slight angle/height adjustments can also be made when engaging the hipbelt wing. Use the white guideline markings on the padded hipbelt to keep the alignment even side to side.

NOTE: The rough "hook" of the pack's hipbelt wing should always be aligned with and engaged to the soft "loop" of the padded hipbelt. If exposed, it may rub and cause abrasion to clothing.

5. Repeat these steps on the other side. Extend the pads the same distance on both hipbelt wings so pack weight is distributed evenly.



SIZING

MEN'S

SIZE	IN	CM
S/M	17 - 20.5 in.	43 - 52 cm.
L/XL	19.5 - 23 in.	49 - 58.5 cm.

WOMEN'S

SIZE	IN	CM
XS/S	13.5 - 17 in.	34 - 43 cm.
M/L	16 - 19.5 in.	40.5 - 49 cm.

FEATURES



TOP POCKET LUMBAR PACK

- + The top pocket has two compartments—each accessed through a weather resistant, coated zipper—and is designed to quickly convert to a comfortable, padded lumbar pack.
- + The smaller pocket includes a key clip and is perfect for keeping smaller items handy.
- + The larger compartment has 5L capacity and can be used to carry a hydration reservoir thanks to the exit port for a hose on the side.
- + The pocket easily converts to a lumbar pack by releasing the two buckles on sides of the main pack body and disconnecting the two plastic hooks that hold the pocket in the middle.
- + The side release buckles can then be readjusted to set the waist strap to proper length.



CLAMSHELL COMPRESSION

- + The upper portion of the pack is supported by a LightWire strut that opens and closes like a clamshell, serving multiple functions:
 - It provides an anchoring structure to make the upper compression straps more effective in controlling the load.
 - It stabilizes the upper access, making the zipper easier to operate and keeping the compartment open for smooth loading/unloading.
 - It creates a stable shelf that supports and positions the top pocket/lumbar.



LARGE PANEL ACCESS

- + In addition to the smaller panel access at the top of the front panel, the contents of the main compartment can be conveniently accessed through the large U-shaped zippered opening that reaches from the upper side panels almost to the bottom of the front panel.
- + The durable #10 YKK zipper with dual sliders is protected from rain and wear by laminated zip flaps that won't get snagged in the zipper.



TWIN FRONT POCKETS

- + Two 5L capacity pockets keep necessary items, like jackets, food, maps, etc., handy on the front of the pack.
- + Large zip flaps protect the zipper, while the upper side compression strap holds the contents secure.



SUPER STRONG AND BREAK RESISTANT YKK BUCKLES

- + Smooth operating Delrin buckles balance weight and strength.

FEATURES



LARGE, VERSATILE HIPBELT POCKETS WITH TPU ANTI-ABRASION PANELS

- + Right side features a generous, open stretch woven pocket that's perfect for keeping a water bottle handy or quickly stashing a hat and gloves.
- + Left side features both an enclosed pocket with a weather-resistant, coated zipper and an open stretch woven pocket for additional quick-access storage.
- + Both sides are printed with TPU stripes to prevent abrasion to the pockets.



COMPRESSION DIVIDER FOR SLEEPING BAG STORAGE

- + The adjustable interior divider helps keep gear organized and helps compress a sleeping bag or clothing into the lower part of the pack for efficient packing.



REMOVABLE SLEEPING PAD STRAPS

- + 15 mm webbing can be easily adjusted for length. Can be unthreaded from the sliders and removed if not needed.



SKI LOOPS AND TUCK-AWAY AXE LOOPS

- + Custom, variable width weaving produces tight, strong loops to securely hold skis and ice axes.
- + The extra-dense webbing increases durability while making it easier to insert and remove the tools of the trade.
- + If desired, the axe loops can be tucked away into the fabric sleeve just above.



EXTERNALLY ACCESSED RESERVOIR SLEEVE

- + The reservoir sleeve is located at the top of the backpanel.
- + The zipper is equipped with two sliders that can be parked to allow the hose to exit on either side, depending on user preference.
- + The reservoir can be positioned between the tensioned mesh and inner back wall of the pack, or in the internal sleeve according to preference.
- + Injection-molded hydration hose routers on both shoulder straps provide a stable, easy-to-use guide for the hydration hose.

FEATURES



STOW-ON-THE-GO TREKKING POLE ATTACHMENT

- + Designed to quickly attach and carry trekking poles while wearing a pack.
- + Locate the elasticized loop on the lower left side of pack. While pulling the loop out from the pack, insert the basket end of the trekking poles into the loop.
- + On the left harness strap locate the trekking pole icon. Pull up on the cord to open, place pole handles in the loop and tighten with the cord lock to secure.
- + Reverse these steps to remove the trekking poles.



CUSTOM AIRPORTER TRAVEL COVER WITH LOCKABLE ZIPPERS

- + Backpacks are designed for the trail. When traveling, especially by air, it's important to protect the pack from damage to its fabric, buckles and webbing.
- + The Airporter provides a convenient solution, offering easy loading, full coverage for the pack, lockable zipper sliders and a convenient carry strap.



HIGH TENACITY NYLON RIPSTOP RAINCOVER LOCATED IN BASE ZIPPERED POCKET

- + The pack includes an ultralight raincover made of high tenacity nylon with PU inner coating and a silicone outer finish for excellent water resistance and durability.
- + Fully taped seams ensure waterproof performance.
- + The elastic drawcord cinches the raincover securely over the pack. To further improve fit, the drawcord sleeve opens at two points to allow the hipbelt to be passed under the drawcord, capturing it very securely.
- + It is stored in the zippered pocket on the pack's bottom panel.

For more information on this product and others, pack care, how to pack your pack, our lifetime guarantee, or to contact Osprey Customer Service, visit ospreypacks.com.