

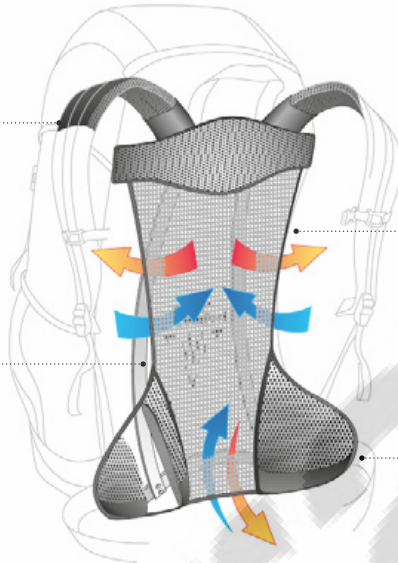
deuter
aircomfort
Advanced Aircomfort System

Deuter
Technology



Shoulder straps
Contoured, softly padded

Durable spring steel frame
provides a flexible and light
structure, and applies
tension to the mesh.



The mesh back
provides comfort and top class
ventilation: the hot air dissipates
freely from three sides.

Ventilated pads
made of bilaminate foam (AC Lite series,
Zugspitze 20 SL and 25), or contoured hip
belt with ventilated pads (Gröden 30 SL and
35) for ideal carrying comfort, and stability.

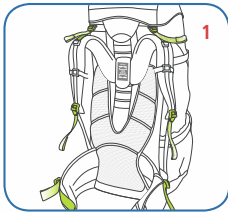
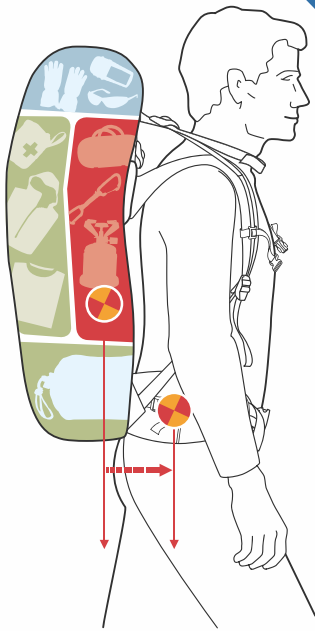


Packing

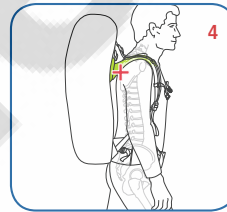
The pack's center of gravity should sit close to the body and ideally at shoulder height. This way it is positioned over the body's center of gravity and the pack won't pull backwards. Therefore, put heavy equipment such as tent, food, big jackets close to the back in about shoulder height. Place sleeping bag, down equipment and other light objects in the bottom compartment; and midweight gear such as clothing on the top towards the outside. For easy grab, get small, often-used items in the lid pocket. Minimise the number of items you strap to the pack's outside and evenly distribute the weight, in particular on the side pockets.

In easy terrain (hiking routes, flat trails) the load's center of gravity should sit higher, in difficult passages (alpine routes, Via Ferrata) a bit lower and thus closer to the body's center of gravity. This packing system leads to a more forward leaning position, yet it provides more balance.

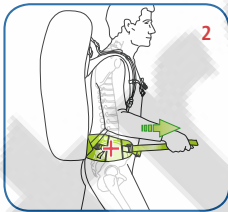
Wrong! The pack's center of gravity sits far from the body's center of gravity – the backpack pulls backwards forcing the body to constantly work against the pack's weight. The straps strongly pull on the shoulders and the wearer finds it a lot more difficult to maintain control and balance.



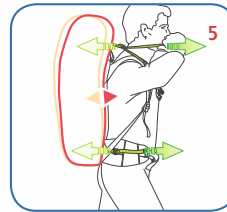
Loosen all straps and put on your backpack.



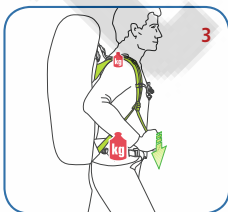
The shoulder strap anchor point should ideally be positioned between the shoulder blades. Set backpacks with adjustable back-length to the correct height (Vari Quick and Vari Fit System). For small volume Deuter packs choose the right back length (Standard, SL, or EL).



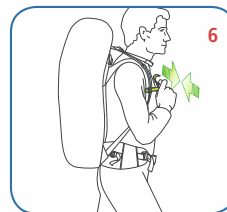
Place the hip belt centrally on your hip bone, fasten and tighten.



Finally, fasten the chest strap to optimise the shoulder strap positioning.



Now tighten the shoulder straps, so that the main weight rests on the hip belt.



For big backpacks, adjust stabiliser and load adjustor straps:
tighten > increased stability
loosen > increased ventilation
Vary the load transfer from time to time between waist and shoulder.