

CRUX

2002

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AK50 A50 A70 X2



Contents

AK50

A50

A70

X2

crux

technical info

The anatomy of toughness

Crux rucsacs are designed to be tough, durable and reliable – and light. Strength and toughness aren't just about using strong materials (although of course we do that too). It is in the engineering that the real difference is made. So you'll find very few seams on the A-series, for example, because a seam is an inevitable point of weakness. You'll find, too, that all the load-bearing elements – the haul loop, top tension and shoulder straps, hip belt and side compression straps – are looped directly around the frame. This ensures not only that all loads are transmitted to/from the frame, but also that stress on vital stitching is reduced.

The science of comfort

It's strange to talk about comfort really, since most climbing seems to be one pointless exercise in pain, suffering and misery. Still, there is a comfort in being able to commit to the move or not, and a comfort, too, in arriving at the bottom of the route with a little more energy rather than less. Especially when it's taken you an air ticket and four days walk to get there. Comfort is also the principle behind the deceptively simple back unit employed in the Crux A-series rucsacs. The ergonomic combination of the alloy frame and one-piece back is designed to maximize body contact, giving you better stability and weight distribution. Lower down, the hip belt achieves a delicate width balance – wide enough to give you reasonable load transfer, but not too wide to interfere with your climbing harness. And since a climbing harness is the best place to rack your gear, anyway, there are no loops on the hip belt either. In the case of the expedition size A70, the standard hip belt is supplemented with a larger (but fully removable, if not needed) belt designed for carrying serious loads.

The lightness of being

Crux rucsacs achieve their incredible lightness with no compromise to durability and strength. Honest. The innovative alloy frame is one of our great weight savers, and strength has certainly not been sacrificed – just try bending it! And at 70g, not even the most serious ultra-lightweight fanatic would bother removing it. We've also rationalized the padding on the one-piece back, so there's no more than you need – but always enough to be comfortable. Our biggest saving in weight, however, is the result of simply removing all those extraneous features that climbing sacs seem to have accumulated these days.

The purpose of function

Real climbers like clean, simple, and robust sacs. All you require is basically a bag that will allow you to carry all your kit, preferably with some modicum of comfort, on the hill or extremely steep north-facing wall (depending upon your mood that day). And then you want that sac to survive every imaginable abuse that mere mortals (like ordinary product designers) will never know, let alone comprehend. Period. If you have to have a feature, like ice-axe loops or compression straps, then they have to be simple and REALLY easy to use. This translates as easy to find, easy to grab, and then easy to operate. In the dark and in the cold.

AK50

OK, it sounds a bit like a Kalashnikov – but it may well be around just as long. The AK50 is a supremely tough rucksac for the cutting edge of alpinism. It is stable and comfortable in use, incorporates all the vital features of a climbing sac – and yet, is still extraordinarily light.



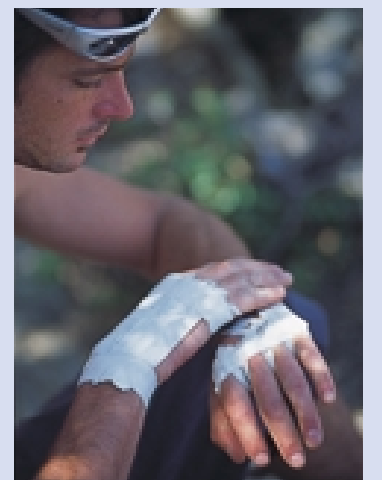
Specifications

Capacity	45 litres, plus 10 when extended
Weight	1.07 kg
Body fabric	PU coated Keprtec® 28%Kevlar/72% Cordura®
Reinforced base	600d Cordura®
Colour	Red/Black
Frame 8.50mm	7001-T6 aluminium
Back sizes	1, 2, 3

Features

- Lid pocket
- Extendable/removable lid
- Removable side compression straps
- Top compression strap
- Wand pockets
- Haul loop
- Ice-axe holders

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A50

The A50 is a medium capacity rucksack for all-round alpinism – differing from the AK50 only in having a non-Kevlar™ body fabric. Like the AK50, it features a full frame for stability and comfort when carrying heavy loads on the approach.

Specifications

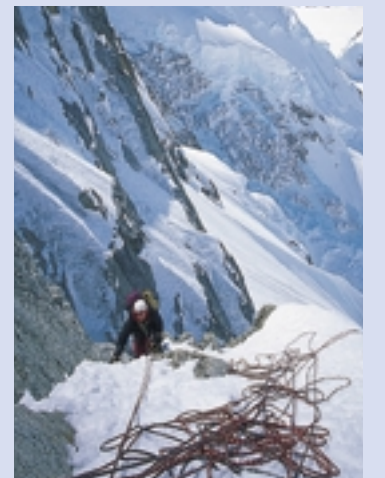
Capacity	45 litres + 10 when extended
Weight	1.05 kg
Body fabric	PU coated Dynatec™ (100% Cordura)
Reinforced base	600d Cordura
Colour	Quartz/Black
Frame	8.50mm 7001-T6 aluminium
Back sizes	1, 2, 3

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Features

- Lid pocket
- Extendible/removable lid
- Removable side compression straps
- Top compression strap
- Wand pockets
- Haul loop
- Ice-axe holders



A70

The A70 features the same uncompromising functionality and super-tough construction as the 50s – but is bigger. It features more padding in the shoulder harness and also incorporates, on top of the standard hip belt, a larger expedition-weight hip belt that is fully and easily removable when not required. Naturally, the A70 is phenomenally light, particularly for its cavernous size and load-carrying performance.

Specifications

Capacity	70 litres + 15 when extended
Weight	1.45 kg (1.28 kg with hipbelt removed)
Body fabric	PU coated Dynatec (100% Cordura)
Reinforced base	600d Cordura
Colour	Yellow/Black
Frame	8.50mm 7001-T6 aluminium
Back sizes	1, 2, 3

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Features

- Removable hip-belt
- Lid pocket
- Extendible/removable lid
- Removable side compression straps
- Top compression strap
- Wand pockets
- Haul loop
- Ice-axe holders



technical info

The design of experience

Like every Crux product, the X2 tent is the result of a thorough overhaul of what constitutes a serious mountain tent. By putting function before convenience, we have pared the X2 down to a design that is strong, stable, and extraordinarily light (the X2 weighs in at less than any other double-skin geodesic mountain tent currently on the market).

A tent is first and foremost a shelter, one that has to be able to stand up in the worst conditions. In the X2, that translates into an asymmetric design, which gives the tent a more aerodynamic profile, and the strongest - not the lightest - fabrics and poles available.

The X2 has just one entrance at the front. Outer and inner front doors employ a single zip. A mesh window in the inner door allows the ingress of air and light without impacting on the overall warmth and feeling of security inside. A rear storage

vestibule can be accessed via a rear door in the inner. The asymmetric design also ensures a roomy front vestibule, allowing plenty of room for a brew.

Something else sacrificed on the altar of weight are the flysheet adjustment webbing and buckles which seem to have proliferated in recent years. Not necessary.

X2

The X2 is a two-person, double-skin mountaineering tent designed for all terrain, climates and weather conditions. The four-pole geodesic design is strong and stable, yet it is incredibly light given the amount of metal used. The compact dimensions and slippery aerodynamic profile disguise its comfortably sized living space.

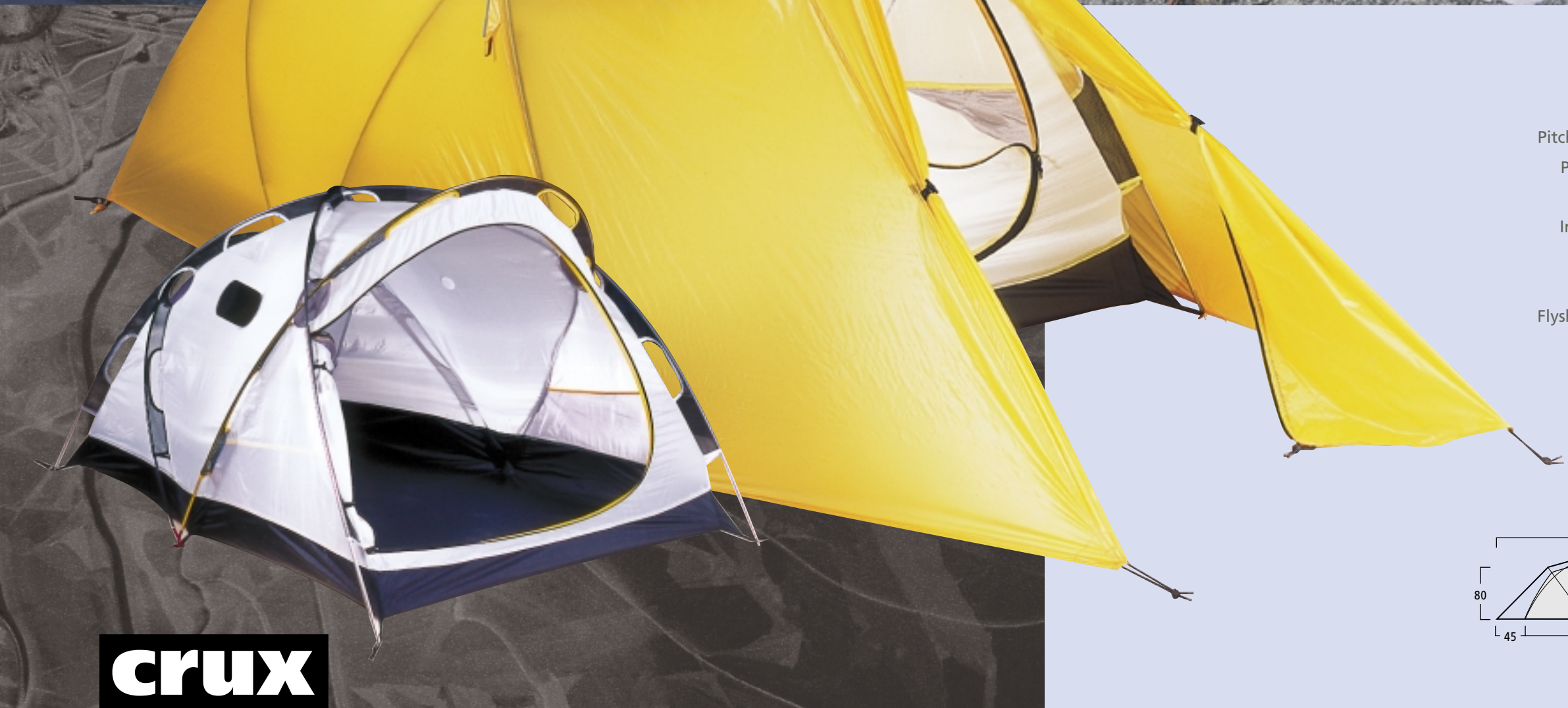


Specifications

Capacity	2 people
Weight	2.80 kg (complete)
Poles	2 x 9.02 mm Easton 7075-T9 2 x 8.64 mm Easton 7075-T9
Flysheet	72 g/m2 ripstop high-tenacity nylon 6.6 Silicone-coated both sides, 5000 mm head
Inner canopy	35 g/m2 ripstop high-tenacity nylon 6.6
Groundsheet	92 g/m2 taffeta high-tenacity nylon 6.6 4 x PU coated, 7000 mm head
Accessories	12 Lightning pegs 4 x 1.8m x 1.75mm Lightning guylines Tent bag Pole bag Repair kit Seam-sealer
Colours	Gold and Red

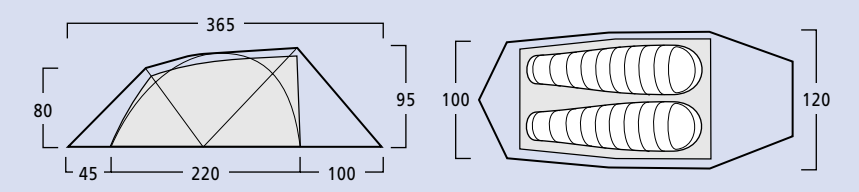
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X2



Details

- Pitching Inner first
- Poles Four poles with continuous sleeves and five intersections
- Inner Single front door with mesh window
Two internal mesh side pockets
Shockcord loop for headtorch
- Flysheet Large front vestibule
Rear storage vestibule
Single zip front door
Two front vents
Rear vent
Four guying points



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Catalogue Designed and Produced by Zinco Design Solutions

Climbing Photography Ian Parnell & Andy Kirkpatrick.

Studio Photography Colin Cuthbert