



| HELIX



# Comparing Stretcher Capabilities



CONSTRUCTION

DIMENSIONS

WEIGHT





STRENGTH

WHEEL SYSTEMS COMPATIBILITY

ACCESSORIES

LIFT CAPABILITIES

CERTIFICATION

Product Description	Material	Width at Chest	Width at Foot (tapered)	Length	Length Split	Depth	KG	Load Limit	WHEEL SYSTEMS COMPATIBILITY			ACCESSORIES				LIFT CAPABILITIES	CERTIFICATION	
									Ferno Tiro Kit	Cascade Terra Tamer	Ferno Mule 2	Lifting Bridles	Flotation System	Carry System	Head Guard			
 Cascade Professional Series Two Piece Tapered Titanium Stretcher	Titanium	64.8cm	28cm	211cm	109cm	16cm	8.1kg	1112kg		•	•	•	•	•	•	Vertical and horizontal with optional lifting bridles	Tested to Mil Spec and ASTM F2821-10	
	Titan Tapered Basket Stretcher	Titanium	60cm	30cm	212cm	-	18cm	6.3kg	1136kg		•	•	•	•	•	Vertical and horizontal with optional lifting bridles	CE 93/42/EEC CLASS 1 (UK) for low risk medical devices	
	Titan Tapered Split Basket Stretcher	Titanium	60cm	30cm	212cm	116cm	19cm	7.5kg	1136kg		•	•	•	•	•			
	Titan Tiro Basket Stretcher	Titanium Alloy	60cm	30cm	212cm	116cm	21cm	21kg	225kg	•								
 Universal Stretcher UT2000	Aluminium tubing covered by a shield of strong plastic	44cm			200cm	104cm	12cm	8.2kg	160kg	Comes with own wheel system / Compatible with Cascade Terra Tamer			•	•	•	•	Vertical and horizontal with optional lifting bridles	CE 93/42/EEC CLASS 1 (UK) for low risk medical devices
	Medsled 36 inch VLR Rescue Sled Stretcher System	High Density Polyethylene	50-75cm in use		212cm in use	-	Moulds to shape	7.7kg with horizontal and vertical lifting straps	820kg				•	•	•	•	Vertical and horizontal with included lifting bridles	CE 93/42/EEC for medical devices
	Medsled 36 inch VLR Rescue Sled Stretcher System with integrated harness	High Density Polyethylene	50-75cm in use		212cm in use	-	Moulds to shape						•	•	•	•	Vertical and horizontal with included lifting bridles	



# Cascade Professional Series Two Piece Tapered Titanium Stretcher

This Cascade Rescue Professional Series Titanium Litter represents the most state of the art in construction and materials available for basket stretchers and litters today.

Designed for the demanding professional, the litters are constructed with a 3/4 tubular frame of commercially pure titanium.

Each litter includes four Patented Articulating Lift Points for either horizontal or vertical lifts, four Quick Tab Patient Straps, integral Padded Patient Contour Support and a heavy duty high density polyethylene mesh liner.

The split stretcher features trademark Cascade Rescue FastLock System for rapid 10 second takedown/reassembly.

A bespoke flotation system, bespoke backpack, headguard, litter skin and various lifting bridles are available to increase versatility.



Four QuickTAB Patient Restraint Straps

Lighweight - probably the lightest wheeled stretcher when combined with the Terra Tamer wheel set.

Integral Padded Patient Contour Support

Optional Litter skin allows the base to be protected on drags across rough ground



Description	Construction	Width at chest	Width at Foot (tapered)	Length	Length Split	Depth	Weight	Load Rating
Cascade Professional Series Two Piece Tapered Titanium Stretcher	Titanium	64.8cm	28cm	211cm	109cm	16cm	8.61kg	11.12kN

# Cascade Terra Tamer

The Cascade Terra Tamer is a litter trail wheel designed to transport the patient over harsh and demanding environments thanks to its 4.25" maxis tyres. It can withstand nearly all conditions and terrain such as mud, snow and sand and big obstacles.

As well as being extremely tough it is very light, weighing just 15.4 lbs./7kg. It can be easily broken down for convenient load sharing and transport.

The framework and fork system are constructed of Pure Titanium, making the Terra Tamer the lightest all-purpose patient transport on the market. It also features disc brakes, which is an additional safety feature for when back roping is not possible.

The attachment system works by simply slipping the custom designed hooks over the top railing of the litter and using the new compact stainless-steel ratches to cinch it down.

The Terra Tamer can be mounted on most standard rescue litters.



# The Cascade Equalizer Adjustable Litter Handle System

The Cascade Equalizer Adjustable Litter Handle System easily and quickly attaches to CMC/ Traverse litters.

Years of R&D by Cascade Rescue has been put into designing this system which is lightweight and features a unique 24 position system allowing the operators to quickly change handle positions based upon operator height or varying terrain conditions.

For transport to the scene, or for high or low incline work, the handles of the Equalizer may be positioned so they "nest" against the side of the litter (31" wide when stowed) or removed entirely and stowed in a pack.

The handles can be bespoke made to retrofit any stretcher you may already own.



The only stretcher system with a breaking mechanism.



# Cascade Accessories

## Cascade Guardian Litter Shield

The Cascade Guardian Litter Shield deflects debris and rocks no matter the angle at which it strikes, giving a good level of protection for the patient.

It is made from precision molded, tinted polycarbonate plastic giving a toughness and the Top Rail Capture devices hold the shield in place meaning the shield will withstand harsh environments.

The shield will fasten securely to the top of the litter railing with the use of the flexible ratcheting mechanisms. It will also fit to just about any litter of the same width.



## Cascade Pro Litter Skin

The Cascade Pro Litter Skin for tapered litters offers a solution for when a rescue scenario demands that the litter be dragged across rough terrain.

It is ready to deploy quickly and easily by simply attaching the Pro Litter Skin to the litter. A new attachment system means that installation required no zip ties. Simply attach and go.

Constructed from a proprietary blend of super durable Hi-Density Poly with easy on/off attachment points. When fully deployed, it fits the width and length of a Cascade Rescue Professional Series tapered or rectangular litter up to the top of the secondary rail.



# Cascade Accessories

## Cascade flotation system

A flotation system suitable for ocean, lake and swift-water rescue, designed to fit the Cascade Professional and Advanced series litters with a Daisy Chain and most other tube frame litters from other manufacturers. It is easily attached and removed.

The system maintains the litter position of a head-high horizontal position for ease of loading and is capable of floating the litter, patient and at least one rescuer.

**Buoyancy:** The system is designed to float a litter and patient in a slightly “head up” orientation. It will also partially float an attendant positioned to the side or end of the litter. Depending upon the distribution of the weight it will adequately float up to 400lbs (180kg).

**Construction:** The external cover of the system is 600 denier waterproof nylon pack cloth. Internal foam is 1.2 pound density closed cell polyethylene foam. It will not absorb water. The strap segments are 1” heavy duty polypropylene webbing with Velcro.



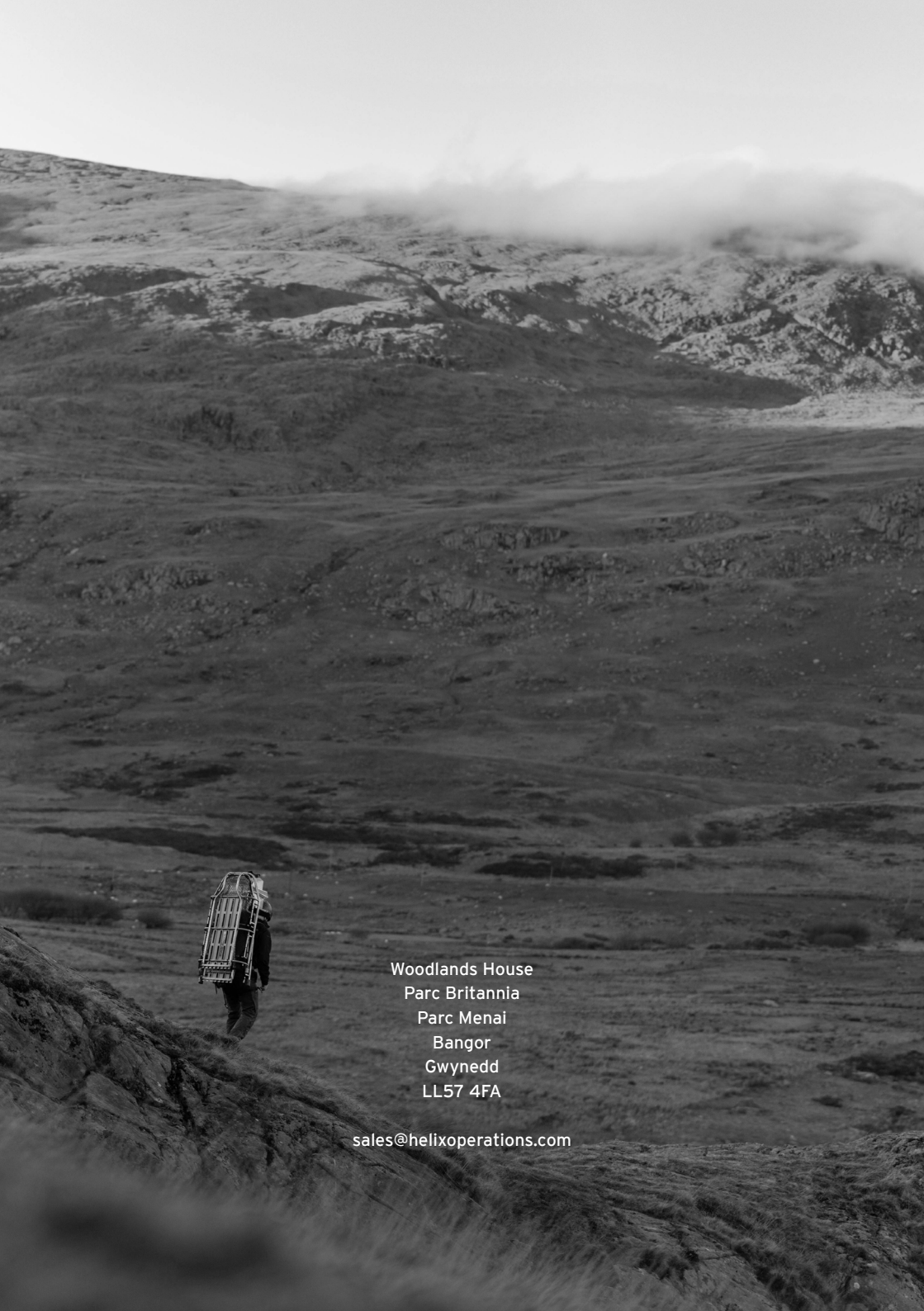
## Tamer Transport Pack

The Tamer Transport Pack is designed to protect the Cascade Rescue Terra Tamer and accessories, and make it easy for rescuers to transport gear.

Two main internal compartments stow and protect the Terra Tamer Litter Wheel. Extra tools, parts, and gear can be organized in two smaller internal compartments.

It is also designed to carry a two piece-litter and two integrated side pockets will hold four Equalizer Adjustable Handles.





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