



### Leatt-Brace® Awards

- BrandNew Awards: Best Protection at BIKE EXPO (2010)
- Dirt Bike Magazine: Product of the year (2009)
- Freeride Magazine: Winner of the Eurobike innovations award (2009)
- Motocross Action: Reader voted - Decade's most significant product (2009)
- RacerX: Best product of the decade (2009)
- Transworld Motocross: Editor's choice - Best new product of the year (2009)
- SAMIA: Outstanding safety achievement (2009)
- Motocross Action: 5/5 Star product rating (2007)

# LEATT Bicycle DBX Neck Brace

### Leatt® Corporation

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A portion of the sale of every Leatt-Brace® worldwide is donated to the  
Wings for Life Spinal Cord Research Foundation. [www.wingsforlife.com](http://www.wingsforlife.com)

Note: The products depicted in this brochure may vary to some degree in product graphics or color.

**Sam Hill**  
UCI Downhill Champion

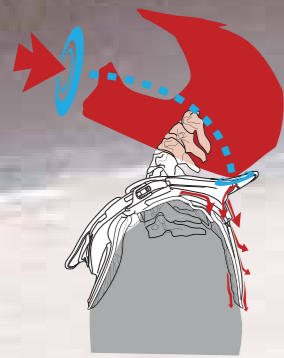
**“ I put everything I had into the Leatt-Brace®,  
and received so much more in return. I love  
the idea that what I do changes lives. ”**

Dr. Chris Leatt Inventor of the Leatt-Brace®

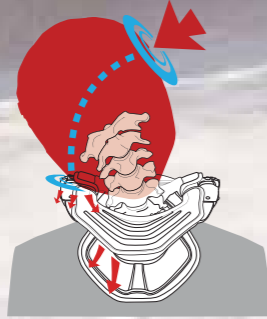
# Engineered for performance

Winning is part of the legacy at Leatt®. It's part of our DNA, so to speak. First we won a slew of awards in the motorcycle industry with the revolutionary Leatt® GPX neck brace, then our riders started winning races, then championships, which continues to this day with major race and championship wins all over the globe. We are proud to continue this legacy with DBX, the bicycle specific neck protection system by Leatt®. Designed with the unique needs of the BMX and Downhill Mountain Bike riders in mind, the Leatt® DBX neck brace recently walked away with the coveted ISPO BrandNew Award in the Protection Category to be presented at the Munich Bike Expo from 22 to 25 July 2010 (see back cover). All of this before it has even arrived at the starting gates! All of this is the result of ongoing research in our state-of-the-art Leatt® Lab in Cape Town, South Africa as well as feedback from top riders such as Downhill Mountain Biking World Champion, Sam Hill and rising international BMX star Sifi so Nhlapo, to name but a few.

## The Leatt-Brace® helps protect against:



**Hyperextension:**  
over-bending of the head in rearward direction.



**Lateral Hyperflexion:**  
over-bending of the head to one side.



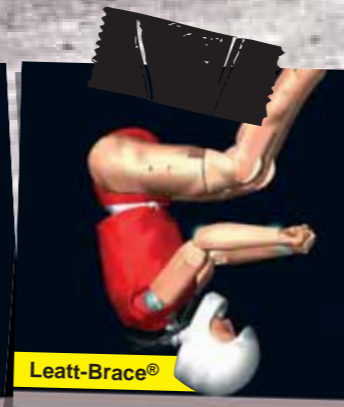
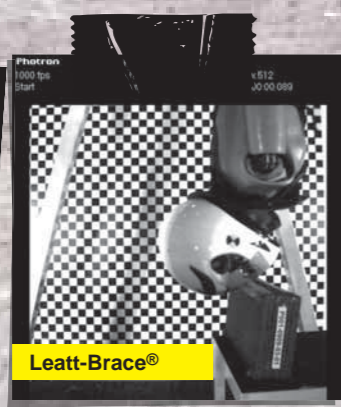
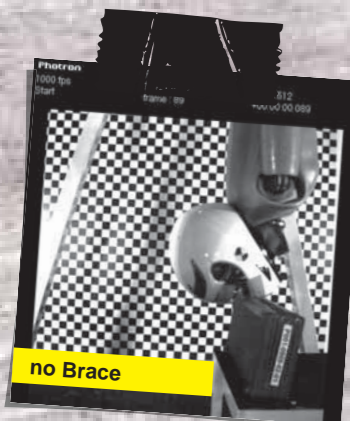
**Posterior Hypertranslation:**  
extreme movement of head and helmet, rearward on the neck.



**Hyperflexion:**  
over-bending of the head in forward direction.



**Coupled Axial Loading:**  
Helps prevent axial loading only when the axial forces act in combination with other mechanisms.



## Sander Bisseling

Factory Redline BMX Racer



“ I am positive (also looking back at the picture and the video) that I have been extremely lucky and incredibly happy that I was wearing the Leatt-Brace®! Without the brace, my Olympic dream might have come to an abrupt end last weekend. ”

# Why choose Leatt®



CE certified: Personal Protective Equipment directive 89/686/EEC

Two red-colored release clips identify emergency openings to paramedics.

All materials have been chemically tested and certified, so it's free of lead or other harmful additives.

The rear-upper support acts as a 'crumple-zone', giving way under a severe load.

Maximum adjustability is achieved through six independent adjustment points.

Padding is biomechanically designed to cushion the chin.

Universal bolt heads require a single adjustment wrench, and are also compatible with multi-tools.

The thoracic member is engineered to keep the brace in position, so it doesn't tilt forward or backwards during an impact.

The Leatt-Brace® is made using only high quality materials like Kevlar®, Carbon, Fiberglass reinforced polyamide resin, and shock-absorbing Biofoam. (Biofoam is also fully replaceable and machine-washable.)

## \*Extra facts

- Patented Alternative Load Path Technology™ helps reduce forces on the neck, and helps disperses energy away from critical areas, during impact. This principle is pivotal to the Leatt-Brace® design, and a world first.



- Our braces are adaptable for use with body armor and chest protectors.



The Leatt-Brace® includes an engineered fracture point in the Thoracic strut. In an emergency, this replacable part is designed to snap.



A unique cut out-section help the brace and helmet avoid contact with the collarbone.



Topline Bicycle brace. Full carbon fibre kevlar construction with vented construction and padding.  
Approx. weight: (lightest) 500g ± 50g

**Black**  
Medium: 0100230198



## DBX Pro

## DBX Comp II



Our flagship brace. Built with Injection molded fibreglass reinforced, polyamide resin and fully adjustable to suit riding style. Fitted with special ultra low DBX padding.  
Approx. weight: (lighter) 790g ± 50g



<b>White/white</b>	<b>White/black</b>	<b>Black/grey</b>
Small: 0100230196	Small: 0100230195	Small: 0100230197
Medium: 0100230192	Medium: 0100230193	Medium: 0100230194

## DBX Ride



Our entry-level brace, designed with Injection molded fibreglass reinforced, polyamide resin. There is no individual adjustability of the front or rear section. The brace is permanently set to an intermediate position. Fitted with special ultra low DBX padding.

Approx. weight: (light) 850g ± 50g

**Grey/grey**  
Small: 0100530130  
Medium: 0100530129

**White/grey**  
Small: 0100530133  
Medium: 0100530134



## Padding kits



Add a little flair to your Leatt-Brace®. With our special ultra low DBX padding kits. They fit all sizes of the DBX Comp II and Ride and are made from comfortable Biofoam and Lycra.

**Turquoise**  
4300030214

**Pink**  
4300030215

**Khaki**  
4300030213

**Red**  
4300030212

# Mike Day Brace

The Mike Day Signature Brace .Built with Injection molded fibreglass reinforced, polyamide resin and fully adjustable to suit riding style. Fitted with special ultra low DBX padding  
Approx. weight: (lighter) 790g ± 50g

## Blue

Small: 0100030176

Medium: 0100030175



**Mike Day**  
Olympic Silver medalist

*Mike Day*

## Leisure wear & Bags



Perfect ergonomically & function fitted to wear with a Leatt-Brace®, the Elements backpack features a 3 Liter hydration system, multiple pockets and a waterproof internal compartment. The backpack also features a removable waist strap, hip support and headphone holes.

**Black:** 0700030164



First helmet & Leatt-Brace® bag. Features large inner-compartments for helmet and disassembled brace. Two outside mesh pockets. PU coated Polyester HD rip-stop construction. Carryhandle & Shoulder Strap.

**Black:** 0700030163



Leatt® Team unisex T-shirt. Available in black, white and grey. (In Europe only black available.)

Sizes:	Black	Sizes:	White (USA only)	Sizes:	Grey (USA only)
S:	0500030065	S:	0500030085	S:	0500030075
M:	0500030066	M:	0500030086	M:	0500030076
L:	0500030067	L:	0500030087	L:	0500030077
XL:	0500030068	XL:	0500030088	XL:	0500030078
XXL:	0500030069	XXL:	0500030089	XXL:	0500030079



Leatt® Team unisex hoodie. Available in black.

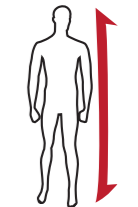
Sizes:	Hoodie
S:	0500030110
M:	0500030111
L:	0500030112
XL:	0500030113
XXL:	0500030114

## Comparison chart

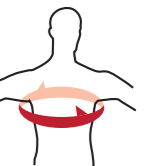
	DBX Ride	DBX Comp II	Mike Day	DBX Pro
Weight ( ± 50g)	850g	790g	790g	550g
Collar bone cut out section	x	x	x	x
Engineered snap-off thoracic strut	x	x	x	x
Built in Leatt protection provided by Leatt® patented ALPT	x	x	x	x
Bio mechanical adjustability for individual ergonomics	x	x	x	x
Adjustable head range of motion (ROM)	Front	x	x	
	Back		x	
Spare parts available	x	x	x	x
Replaceable padding	x	x	x	x
Padding kits available	x	x	x	
Kevlar reinforced carbon parts				x
Ventilation				x

## Sizing chart

Height.....	Chest circumference.....				Inches cm
	21.6 - 33.5	33.9 - 35	35.4 - 37	37.4 - 43.3+	
3'6" - 4'7"	106 - 139	sml			
4'7" - 5'1"	140 - 155	sml	sml/med		
5'1" - 5'4"	156 - 163	sml	sml/med	med	
5'4" - 5'5"	164 - 166	sml	sml/med	med	med
5'6" - 5'7"	167 - 169	sml	sml/med	med	med
5'7" - 5'8"	170 - 172	sml	sml/med	sml/med	med
5'8" - 5'9"	173 - 175	sml	sml	sml/med	med
5'9" - 5'10"	176 - 178	sml	sml	sml/med	med
5'10" - 5'11"	179 - 181	sml	sml	sml/med	med
5'11" - 6'	181 - 183		sml	sml/med	med
6' - 6'1"	183 - 185			sml/med	med
6'1" - 6'3"+	185 - 190+				med



\* Height



\* Chest circumference right below the arms

\* sml/med refers to either a medium on the smallest setting or a small on the largest setting

# The Leatt® Lab

Based in Cape Town, South Africa, this is the Leatt Corporation's heart of safety. Here our products are put to the test - again and again and again.

The lab is home to biomedical engineers and industrial designers, who work in collaboration with teams from the University of Munich, BMW, KTM and 'Wings for Life'. At the heart of the operation is Dr. Chris Leatt himself.

In fact, the only dummy you'll find here is the crash test variety. It's put through numerous tests a week simulating different types of impact scenarios.

We also inspect every Leatt-Brace® returned to us after an impact. If it's crumpled, snapped or fractured then we know it's done its job. That's because our products are designed to absorb and disperse the force that would otherwise be transferred to the rider. Broken braces are always better than broken people.

