



SPECIFICATION AND FEATURES 2005

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Mountain Series

Code Number	Pole	Max. Length	Min. Length	Weight	Tubing	Grip	Locking System	Strap	Shock Absorber	Tip and Basket
04 2011	Makalu Tour	145cm	67cm	295g	7075 AL	Ergo Soft	Expander Dowel	Automatic Strap	N/A	Carbide Flextip With Trekking Basket
04 2030	Makalu Classic Soft	145cm	67cm	270g	7075 AL	CorTec	Expander Dowel	Automatic Strap	N/A	Carbide Flextip With Trekking Basket
04 2043	Makalu Classic Soft ELS	145cm	66cm	290g	7075 AL	CorTec	Easy Lock System	Automatic Strap	N/A	Carbide Flextip With Trekking Basket
04 2024	Makalu Tour Antishock	145cm	72cm	315g	7075 AL	Ergo Soft	Expander Dowel	Automatic Strap	Triple Spring	Carbide Flextip With Trekking Basket
04 2029	Makalu Antishock	140cm	69cm	290g	7075 AL	Ergo Soft	ELS	Automatic Comfort Strap	Soft Antishock	Carbide Flextip With Trekking Basket
04 2033	Super Makalu Antishock	140cm	69cm	320g	7075 AL	Ergo Soft Turbo Disc	ELS	Automatic Comfort Strap	Soft Antishock	Carbide Flextip With Trekking Basket
04 2037	Super Makalu CorTec Antishock	140cm	69cm	320g	7075 AL	CorTec Turbo Disc	ELS	Automatic Comfort Strap	Soft Antishock	Carbide Flextip With Trekking Basket
04 2034	Super Makalu Antishock PA	140cm	80cm	325g	7075 AL	Ergo Soft Turbo Disc Positive Angle	ELS	Automatic Comfort Strap	Soft Antishock	Carbide Flextip With Trekking Basket
04 2038	Super Makalu CorTec Antishock PA	140cm	80cm	320g	7075 AL	Ergo Soft Turbo Disc Positive Angle	ELS	Automatic Comfort Strap	Soft Antishock	Carbide Flextip With Trekking Basket
04 2040	Super Makalu Air Ergo Antishock	140cm	69cm	290g	7075 AL	AirErgo Long	ELS	Automatic Comfort Strap	Soft Antishock	Carbide Flextip With Trekking Basket
04 2039	Super Makalu Air Ergo Antishock PA	140cm	80cm	295g	7075 AL	AirErgo Long Positive Angle	ELS	Automatic Comfort Strap	Soft Antishock	Carbide Flextip With Trekking Basket

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Ultralight

Code Number	Pole	Max. Length	Min. Length	Weight	Tubing	Grip	Locking System	Strap	Shock Absorber	Tip and Basket
04 2141	Makalu Ultralight CorTec	130cm	60cm	255g	7075 AL Heat Treated	CorTec Compact	ELS	Automatic Comfort Strap	N/A	Carbide Flextip With Trekking Basket
04 2136	Makalu Ultralight Air Ergo	130cm	60cm	210g	7075 AL Heat Treated	AirErgo Compact	ELS	Automatic Comfort Strap	N/A	Carbide Flextip With Trekking Basket
04 2142	Makalu Ultralight Air Ergo Antishock	135cm	67cm	270g	7075 AL Heat Treated	AirErgo Compact	ELS	Automatic Comfort Strap	Soft Antishock	Carbide Flextip With Trekking Basket
04 2138	Makalu Ultralight CorTec Antishock	135cm	67cm	265g	7075 AL Heat Treated	CorTec Compact	ELS	Automatic Comfort Strap	Soft Antishock	Carbide Flextip With Trekking Basket
04 2172	Makalu Ultralight Air Ergo Long Grip	130cm	60cm	260g	7075 AL Heat Treated	AirErgo Compact Long	ELS	Automatic Comfort Strap	N/A	Carbide Flextip With Trekking Basket
04 2137	Makalu Ultralight Antishock	135cm	67cm	270g	7075 AL Heat Treated	ErgoSoft Compact	ELS	Automatic Comfort Strap	Soft Antishock	Carbide Flextip With Trekking Basket
04 2173	Makalu Ultralight CorTec Antishock PA	135cm	78cm	275g	7075 AL Heat Treated	CorTec Compact Positive Angle	ELS	Automatic Comfort Strap	Soft Antishock	Carbide Flextip With Trekking Basket
04 2148	Makalu Ultralight AirErgo Antishock PA	135cm	76cm	265g	7075 AL Heat Treated	AirErgo Compact Positive Angle Long	ELS	Automatic Comfort Strap	Soft Antishock	Carbide Flextip With Trekking Basket

Junior

04 2047	Pathfinder (Junior)	110cm	80cm	265g	Aluminium	Junior Soft Grip	Easy Lock 2 Section	Strap with buckle	N/A	Steel Flextip with Trekking Basket
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Walking Series

Code Number	Pole	Max. Length	Min. Length	Weight	Tubing	Grip	Locking System	Strap	Shock Absorber	Tip and Basket
04 2082	Wanderfreund	135cm	65cm	310g	7075 AL	Multimed CorTec	ELS	Wrist Loop	N/A	Carbide Flextip with Rubber Tip
04 2084	Wanderfreund Antishock	135cm	75cm	320g	7075 AL	Multimed CorTec	ELS	Wrist Loop	Soft Antishock	Carbide Flextip with Rubber Tip
04 2196	Super Micro	89cm	46cm	245g	7075 AL	Multifunctional CorTec	ELS	Wrist Loop	N/A	Carbide Flextip with Rubber Tip
04 2092	Sierra Foto System	145cm	65cm	320g	7075 AL	Wooden Knob. Foam Grip	ELS	Strap with buckle	N/A	Carbide Flextip with Rubber Tip
04 2091	Sierra Foto System Antishock	145cm	78cm	340g	7075 AL	Wooden Knob. Foam Grip	ELS	Strap with buckle	Soft Antishock	Carbide Flextip with Rubber Tip

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Nordic Walking

Code Number	Pole	Max. Length	Min. Length	Weight	Tubing	Grip	Locking System	Strap	Shock Absorber	Tip and Basket
04 2124	Supreme	135cm	105cm		Liightweight Aluminium	CorTec Nordic Trigger Grip	ELS	Super Power Cross Trigger Strap	N/A	Carbide Flextip with Walking rubber tip
04 2401	Traveller	135cm	63cm		Liightweight Aluminium	CorTec Nordic Trigger Grip	ELS	Super Power Cross Trigger Strap	N/A	Carbide Flextip with Walking rubber tip
04 2405	Trainer Antishock	135cm	105cm		Liightweight Aluminium	CorTec Nordic Trigger Grip	ELS	Super Power Cross Trigger Strap	Soft Antishock	Carbide Flextip with Walking rubber tip
04 2406	Active Carbon	135cm	105cm		Liightweight Aluminium/ Carbon Fibre	CorTec Nordic Trigger Grip	ELS	Super Power Cross Trigger Strap	Soft Antishock	Carbide Flextip with Walking rubber tip

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Sizes of poles

All the poles in our ranges are adjustable in length, but have differing maximum and minimum length. The reasons for this are:

- Different types of use. Nordic Walking poles are used quite long. General walking poles are used with the arm straighter down the side of the body.
- Antishock. The addition of a shock absorber adds to the length of the pole, particularly when shortened for carrying and transportation.
- Positive Angle. The 15 degree bend at the top of the shaft means that the lower sections will not telescope right up to the top of the pole.
- Weight saving. The Ultralight series are designed to save weight by being just long enough for the average sized user, but may not be suitable for very tall users.

Maximum length is measured with all sections adjusted to their STOP marks. Poles should not be adjusted beyond their STOP marks in use as damage may occur. Minimum length is measure with all sections collapsed to their minimum size. Poles may be easily dismantled for packing in luggage. This is particularly necessary with pole having both Antishock and Positive Angle.

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Tubing Types

7075 Aluminium.

The tubing is made from an aluminium alloy that is rated to 7075 this is the highest quality. However Leki then use their exclusive heat treating process which gives it an outstanding tensile strength.

Ultralight.

This pole has a thinner profile using 7075 heat treated aluminium. The diameter is 2mm less than the standard pole this reduces the weight of the pole by as much as 20% durability and longevity of the pole.

The finish on the poles is produced using a four-step process.

STEP 1: MACHINING.

Degreasing and cleaning without chemicals. The aluminium shaft is machined to produce the perfect surface for the coats to be applied in the following steps.

STEP 2: HEAT ENAMELING.

The lacquer coat is baked at 180°C to protect the pole from corrosion and mechanical damage.

STEP 3: PAINTING.

The attractive enamel coat gleams in exciting colours that last.

STEP 4: SEALING.

The two-component finish coat provides a scratch-proof surface and prevents colour fading in ultraviolet light.

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Grips

ErgoSoft	Cortec	ErgoSoft Turbo Disc
<p>The ErgoSoft handle is made from a hard wearing rubber compound. It is both comfortable and durable. It is shaped to give additional comfort and security, it also absorbs shock from the impact of the pole striking the ground.</p>	<p>Made from a combination of Cork and rubber. It provides a lightweight comfortable and solid grip. The cork is able to absorb moisture, it is also shaped to fit nicely in to the hand. The slightly spongy feel of this grip will ensure less stress on the forearm than a more solid plastic grip.</p>	<p>As ErgoSoft with Turbo Disc Mechanism for locking the strap adjustment</p>
		

<p>CorTec Turbo Disc</p> <p>As CorTec with Turbo Disc Mechanism for locking the strap adjustment</p>	<p>Air Ergo</p> <p>Offers a very comfortable touch especially in colder climates. The two component technology (hard core, soft shell) means the Weight is dramatically reduced without jeopardising the quality and comfort.</p>	<p>Air Ergo Long</p> <p>As for the AirErgo with the foam is extended down the shaft to enable the user to grip the pole lower down the shaft without the need to shorten the pole. This pole has a compact grip.</p>
		

<p>Multimed CorTec</p> <p>Multi position grip is designed for flexibility & comfort. It is made from an alloy of Rubber and Cork which will absorb moisture whilst feeling very comfortable.</p>	<p>Multifunction CorTec</p> <p>Multi position grip is designed for flexibility & comfort. It is made from and alloy of Rubber and Cork which will absorb moisture whilst feeling very comfortable.</p>	<p>Junior Softgrip</p> <p>Designed for small hands. Made from soft rubber to improve grip and absorb shock from the impact of the pole striking the ground.</p>
		

Wooden Knob with Foto System.

This handle has a wooden top that unscrews to reveal a 35mm camera mount. Underneath the knob is a foam grip.



Super Power Cross Trigger Strap

Offers superior wrist support with the convenience of a releasable strap. The strap stays on your hand while clicking in and out of the grip. The grip is made from an alloy of Rubber and Cork which will absorb moisture whilst feeling very comfortable.



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Straps

Automatic Strap.

The automatic strap is equipped with an automatic safety function which releases the hand in dangerous situations.

Adjusts to fit without a buckle.

Automatic Comfort Strap.

As above with fleece added to the inside surface for increased comfort.

Turbo Disc.

Allows the strap to be locked in to place by the turbo disc situated on the top of the grip.



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Positive Angle



The 15 degree angle on the grip corrects the wrist's position whilst gripping, without compromising on ergonomic design benefits. In this neutral position shocks are absorbed more effectively. The hand can also remain closed through the entire poling motion.

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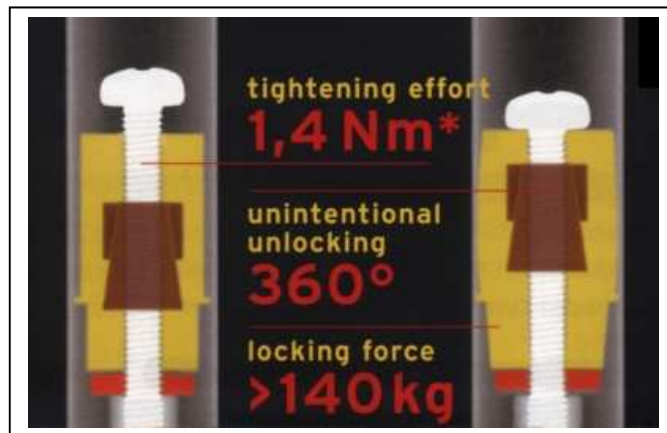
Locking System

Expander Dowels

Leki's traditional adjustment and locking system. Uses hard plastic expanders which open out inside the tubes to lock securely in place without requiring excessive force.

ELS (Easy Locking System).

Leki's newly developed system. Locks securely with significantly less force than other systems. Requires a minimum 360 degree turn to unlock, eliminating accidental or gradual loosening. Less susceptible to slippage due to contamination of the inside of the tube.



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Antishock Systems

Shock absorbers significantly reduce vibration within the pole by absorption of energy during the pole plant. This reduces stress on the joints, muscles and ligaments making your walking more pleasurable.

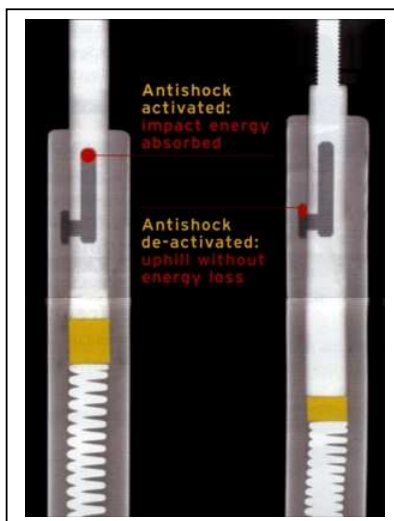
Triple Spring

The Triple Spring system has been used by Leki for several years. It utilises a simple spring with an adjustment system providing a soft, medium or locked setting.

Soft Antishock System

The New Soft Antishock System (SAS) has been developed as a true shock absorber. It consists of a steel spring and elastomer material for precise coordination between spring strength and compression. The system can easily be deactivated for steep climbs.

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Tips, Baskets and rubber tip covers

Carbide Flextips.

These tips are a great design they can bend up to 30 degrees after which, they are designed to break without damaging the pole shaft. The Carbide used in the steel jacket on the tip actually reaches a degree of hardness close to that of a diamond, this means fantastic grip even on ice, rock and hard ground.



Flextips have a thread moulded into their sides which allows easy attachment and removal of the baskets without additional tools. Baskets are designed to spin in both direction when installed to prevent them coming loose.

Trekking Basket. Designed for general walking use to stop the poles from sinking in soft ground or getting stuck in cracks in the rocks.

Snow Basket. Install, these for winter walking on snow or when crossing very boggy ground

Rubber Tip. Fits over the end of all Flextips. Designed for pavement use to increase grip and reduce noise. Features an internal steel washer to prevent the carbide tip from piercing the rubber.



Walking Tip. The wider base area provides optimum grip. Designed for Nordic Walking, but provides a softer feel than the standard rubber tip. Fits over all Flextips.



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