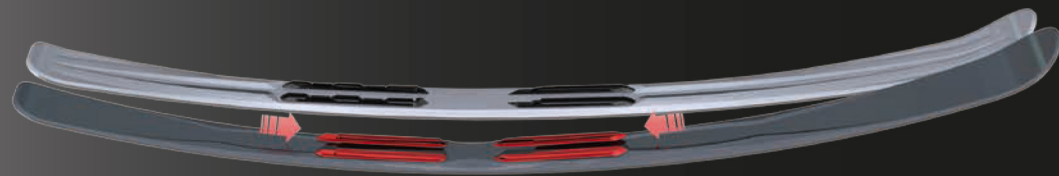


# LIGHT WEIGHT



## BIO-LOGIC XTRALIGHT

BIO-LOGIC sprang from the fundamental desire to establish a PERFECT SETUP concept for the female anatomy. All relevant factors have to be taken into account to engineer this kind of extremely light ski, including the anatomy, skiing behavior and requirements specific to the female skier.

Almost every business sector has at some point or another faced the question of women-specific products. In only the rest of cases however are these products truly designed specifically for women — more typically they're just given a more "feminine" look. But it takes more than just colors to make a women's ski into sensible, effective and superior sporting tool.

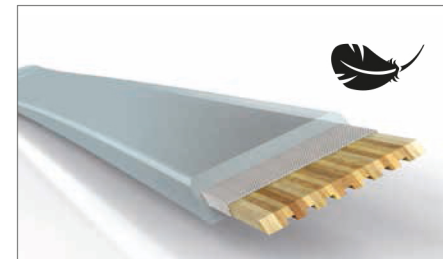
The impetus to develop the BIO-LOGIC technology came through a study that proved that women skiers, and female athletes in general, suffer a disproportionately high number of knee injuries compared with men. Not because women ski differently, but rather because their anatomy reacts more sensitively to physical stress. The unparalleled performance of

this collection comes courtesy of the interplay between ski flex, skier stance and the special geometry of ski models featuring this construction.

Better dynamics, less exertion, easier turns and better protection for the knee joint — that's BIO-LOGIC. In the past year we've also successfully readjusted the sidecut on each individual model to fit the tip rocker and BIO-LOGIC, which has provided an additional development step. The extra-light woodcore reinforces the positive ski performance of this construction and lifts it demonstrably to a new level for all skiers.

BIO-LOGIC is exclusively available in our Essenza women's collection.

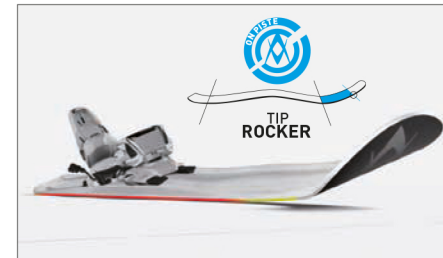
01



### 01\_ BIO-LOGIC WOODCORE XTRALIGHT

Originally designed for the high-end V-Werks line, this high-quality, super-light woodcore so effectively supports the BIO-LOGIC construction, through increased manoeuvrability and reduced stress on the skier, that we decided to integrate it into the Essenza collection as well.

02



### 02\_ BIO-LOGIC ROCKER

While a tip rocker inherently provides improved agility, when combined with BIO-LOGIC technology this element takes on an even greater role. The variable edge grip, which changes according to the skier's speed, delivers relaxed but secure carving through all turns.

03



### 03\_ BIO-LOGIC FLEX

The ski's flex has been adjusted to the special characteristics of BIO-LOGIC GEOMETRY and STANCE. The result is an even more flexible, energy-saving and yet still sporty performance. Turn after turn flows more smoothly and harmoniously.

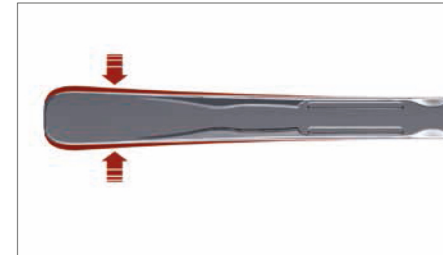
04



### 04\_ BIO-LOGIC STANCE

The toe area is slightly raised in comparison to the heel, making turn initiation easier. First and foremost, this creates a more dynamic posture with better knee flex angles. The result is a highly efficient, less tiring skiing feel. The hamstring muscle is more active, resulting in the utilization of the various knee-stabilizing muscle groups for improved security.

05



### 05\_ BIO-LOGIC GEOMETRY

Digressive sidecut: the radius in front of the binding is smaller than behind it. Just like a power steering system, this makes quick turns possible and reduces the extreme stresses at the end of a turn. Turning becomes more harmonious and precise.



CHARISMA /// ALLURA /// CHIARA /// VIOLA /// AURENA /// ADORA B & W ///