



Exo-Stabilizer

BionicBack BB-1



Here at MAFELL, over the last 125 years we have regularly adopted a new approach in our quest to develop better tools for joiners and carpenters. We take a fresh look and reconsider the crucial aspects of the tool concerned. And we always give due consideration to the future needs of the woodworking trades.

Time and again, together with outstanding material quality and workmanship, our strategy repeatedly spawns astounding solutions, as exemplified by functionality and user-friendliness for example. We strive to ensure that you no longer need to give the tool a second thought while you are working. Simply because MAFELL has already done the thinking for you. After all, we share a common goal – to get the job done well. In short: creating excellence

Exo-Stabilizer BionicBack BB-1

Wearable support

By maintaining your natural posture according to scientific principles, the BionicBack functions as a brace to be worn when performing bending and lifting tasks. It offers assistance and reduces physical strain. The innovative device has been designed specifically to support the wearer's movements.

SUPPORT WHEN LIFTING



24% less exertion and 86% less fatigue. In your profession, heavy lifting is unavoidable. The BionicBack brace distributes the forces acting on your body as efficiently as possible. By easing the load on your muscles and joints, it reduces physical strain.

ENHANCED EFFICIENCY



Back pain is a major cause of absence from work. Wearing the BionicBack enhances physical performance: serving as an exoskeleton, it improves your strength and endurance, and shortens the time it takes to perform tasks.

UNRESTRICTED MOVEMENT



Coupled with ergonomic design, lightweight flexible materials provide support in a controlled way. And the perfect fit makes the brace comfortable to wear and offers the greatest possible freedom of movement.

FIT FOR WORK AND PLAY

Wearing the BionicBack reduces fatigue in your back and leg muscles right from the start, so that you and your team can conserve enough energy to enjoy the leisure time that follows a hard day's work.



BACKPLATE

The perfect balance between stiffness and flexibility. Mirroring the biology of the spinal column, the Mafell BionicBack merges high tech with modern materials.

BOOSTER FUNCTION

Adjustable dosage of support for perfect adaptation to static or dynamic work tasks.

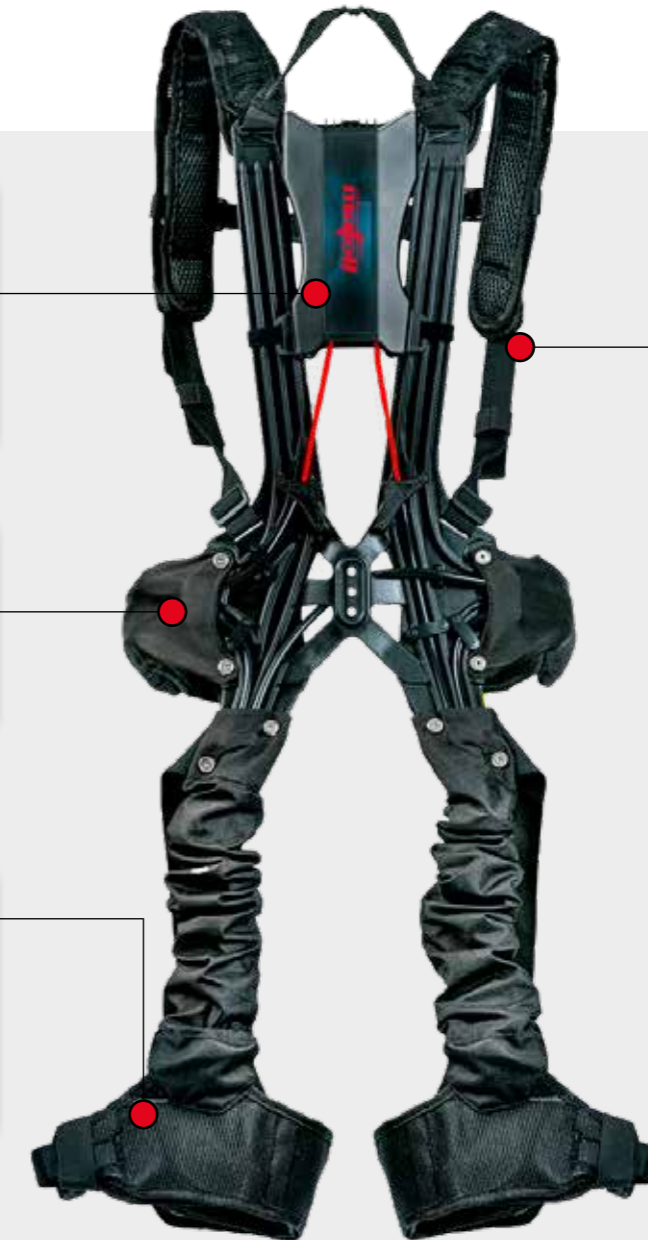
HYGIENE PADS

Detachable pads promote good hygiene practices and allow the brace to be shared and regularly machine-washed. There's no reason not to wear the brace even when working up a sweat.

WORTH KNOWING:

The physical stresses that occur while bending and lifting are reduced by 30 percent. Tipping the scales at just 1.2 kg, the brace is extremely comfortable to wear. Because it is modeled on the human skeleton, the wearer retains maximum freedom of movement.

Putting people first – user-friendliness was the top priority during development of the BionicBack. Intuitive adjustment, low weight and a durable construction produce a feel-good factor right from the start.

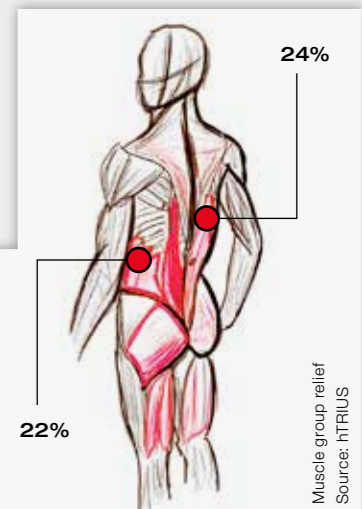


STRAPPING

Enables the wearer to put on the BionicBack easily without any assistance. The shoulder strap can be adjusted quickly to any length. Perfect wearing comfort with short adjustment time.

TECHNICAL DATA

Sizes:	S - XXL
Weight:	1,2 kg
Order No.	095262



Muscle group relief
Source: nTRIUS