



BionicBack

THE universal back exoskeleton

WHAT DOES IT OFFER?



ADVANTAGES of the BionicBack



User

- Less to zero back pain
- Protects and supports the back
- Easier work
- More relaxed at the end of the day
- Better sleep
- Improves quality of life

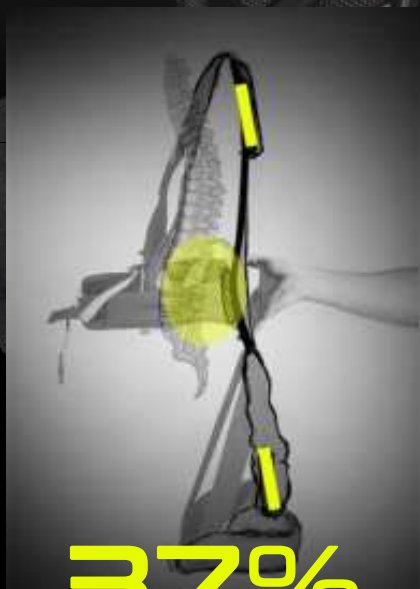
Company

- Reduces downtime
- Increases productivity and efficiency
- Reduces accidents and injuries
- Improves employee satisfaction
- Increases the level of innovation
- Flexible use possible

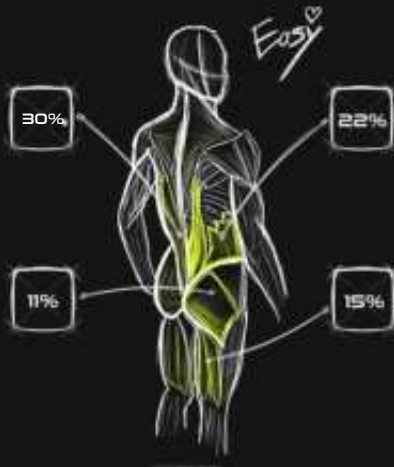
-30% PER PICK



How many tons of relief can you achieve?



37%
less hunched
back



30%
less strain



86%
less fatigue

en.htrius.com/bionicback



A WIN-WIN for EVERYONE

+ Less operational
downtime

+ Less fluctuation

+ Less physical strain

+ Cool employer

+ Future security

+ More power for
the boys and
girls

+ Improves strength,
endurance and agility

+ Healthier employees at
work

+ Reducing the time
to complete tasks

+ Increase productivity and
efficiency

+ Less fatigue

+ Employee
retention

+ Employee recruitment



HUMAN



"Health: A Right, Not a Job Bonus"

Article 2, Paragraph 2 of the German Basic Law: Everyone has the right to life and physical integrity.

Through the eyes of those who wear the BionicBack, we recognize the immense importance of physical labor and the need to support and protect those who carry this burden for all of us.

en.htrius.com/human

Find exciting portraits, stories and backgrounds of people who wear our BionicBack every day. Become a part of it.



LOGISTICS

No matter whether transport logistics, intralogistics, furniture logistics or wholesale. The BionicBack exoskeleton improves work ergonomics and minimizes physical strain. It supports heavy lifting movements and prevents musculoskeletal disorders.

Reduces sickness rates

Fast / effective / visible and all simply by wearing the BionicBack

MEGA

Für Metzgerei und Gastronomie

"We at MEGA have been using over 20 exoskeletons at one of our locations for some time. The pickers wear the BionicBacks every day. The increased sickness rate due to back problems has fallen to almost zero. In the near future, we will expand the use of the BionicBack from hTRIUS to additional locations."



Felix
occupational
safety specialist

Because FLEXIBILITY is EVERYTHING



POWER UP YOUR TEAM



"Sick pickers are the most expensive pickers"



"Performance increased significantly, especially in the midday hours"



"The employees are fitter and have much less back pain"

youtube.com/@htrius



CONSTRUCTION

The BionicBack exoskeleton is lightweight, adaptable and intuitive to use. It is designed to withstand the rigors of the construction site. It is an essential tool for construction workers. Help shape the future of the construction industry!

Increases well-being

by reducing strain and muscle fatigue.
This gives you more power in everyday life.

KUTTER

"The health of our employees is important to us. We therefore use this technology of body-worn lifting aids to sustainably improve the ergonomics and the loading and overloading in everyday activities in construction and to prevent musculoskeletal diseases."

"Especially when you bend over, you notice the relief in your back."

"Our employees go home with less or no back pain."



Because HEALTH is the MOST IMPORTANT thing



INDUSTRIES

You will find our BionicBack wherever back problems arise due to high physical strain. The simple structure means you can use it in a variety of ways. It is as flexible as the areas of application. They all have one thing in common: back pain. And we will help you get rid of it.



Garages



**Beverage
logistics**



Airport



Industry



Forestry



Horticulture



**Road
construction**



**Service
engineer**



**Furniture
logistics**



**Roof
installation**

BionicBack



The perfect exoskeleton for relieving your employees' backs. Lightweight and universally applicable.

- Dynamic support
- Static holding support
- Consistent freewheeling function
- Relief when bending
- Supporting the neutral spine posture
- Continuous adjustment
- Individual support for each workplace
- Sizes S-XL, unisex
- 1,180g weight
- No interfering contours
- Can be worn under a jacket
- Easy to sit
- Minimal contact surfaces = little heat generation when worn
- Self-tightening and adjustment
- Put on in a few seconds
- Can be used as a relief tool for temporary use or as permanent support



With a unique bionic back structure to automatically optimize posture.

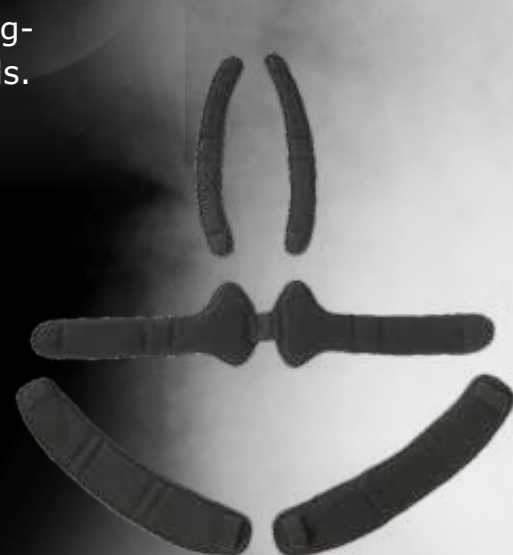
Hygiene-Pads 2.0

Ideal for use by several people or for changing after long-term use of the BionicBack. Pads are changed in seconds.

1 set includes:

- 2x shoulder pads for left and right
- 1x hip pad with flexible running compensation
- 2x leg pads for left and right

New padding and optimized ventilation.
30% less heat generation.
Compatible with all BionicBack generations.



Service package



Use the annual service and send us your BionicBack.

To ensure that your system always works perfectly, we offer an all-round service that is recommended once a year. The service is incredibly simple. Send us your system, we will maintain it and bring it up to date with the latest technology. You will receive a completely overhauled system back within a week. And best of all: by adhering to the service interval, we give an additional guarantee of one year.

X-ERGO 3D PAD



Tailor-made for your back. Specially developed for the lumbar spine, the X-ERGO 3D Pad offers unsurpassed support that is specifically tailored to the human anatomy.

**Revolutionary
3D printing
technology**

**Customized
pressure zones**

**Anatomically
adapted
support**

SOFT

normal

**SUPER
SOFT**

The cheat code for your back.

- Ergonomic impulse
- 3 pressure zones
- Anatomy compatible
- open 3D honeycomb structure
- 90% less heat generation

Compatible with all BionicBack generations

#SupportToWear



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