



INDUSTRIAL



Made  
in Brazil

ExyONE

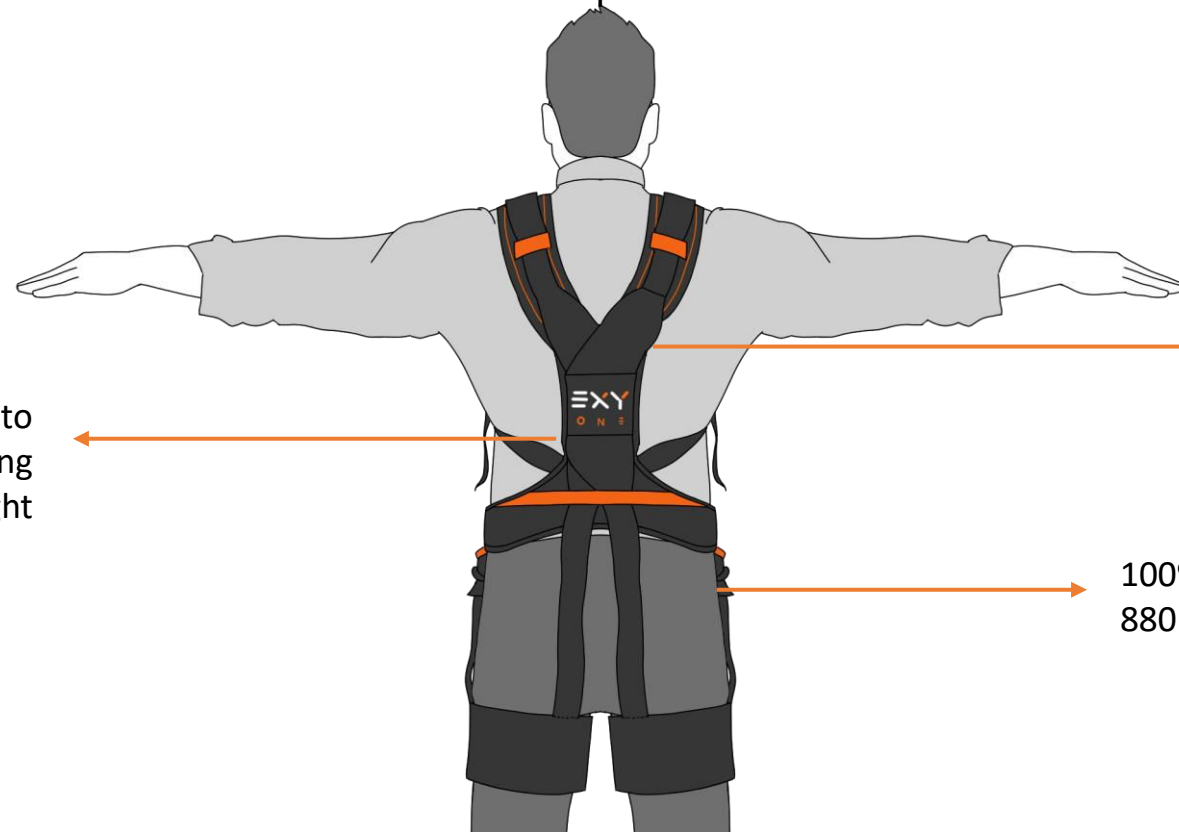
BACK

v2.0 LITE

[exygroup.com](http://exygroup.com)

## What is EXYONE BACK LITE

Equipment for the protection of the lumbar region during activities involving spinal or leg flexion, with or without associated load movement. It does not use batteries or electricity for its operation.



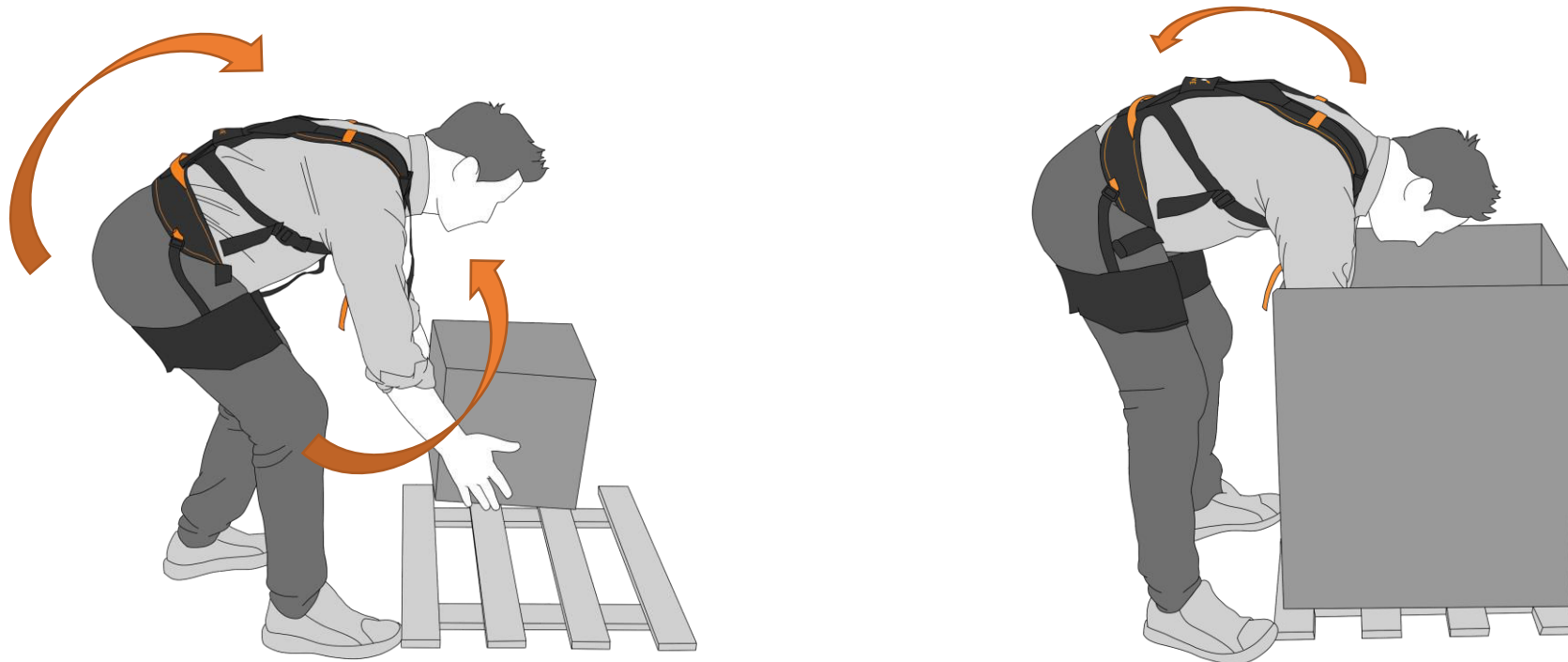
Power generation system

Adjustment on the vest to accommodate users starting from 1.5 meters in height

100% fabric made and weighing only 880 grams

## How does the **exoskeleton** work

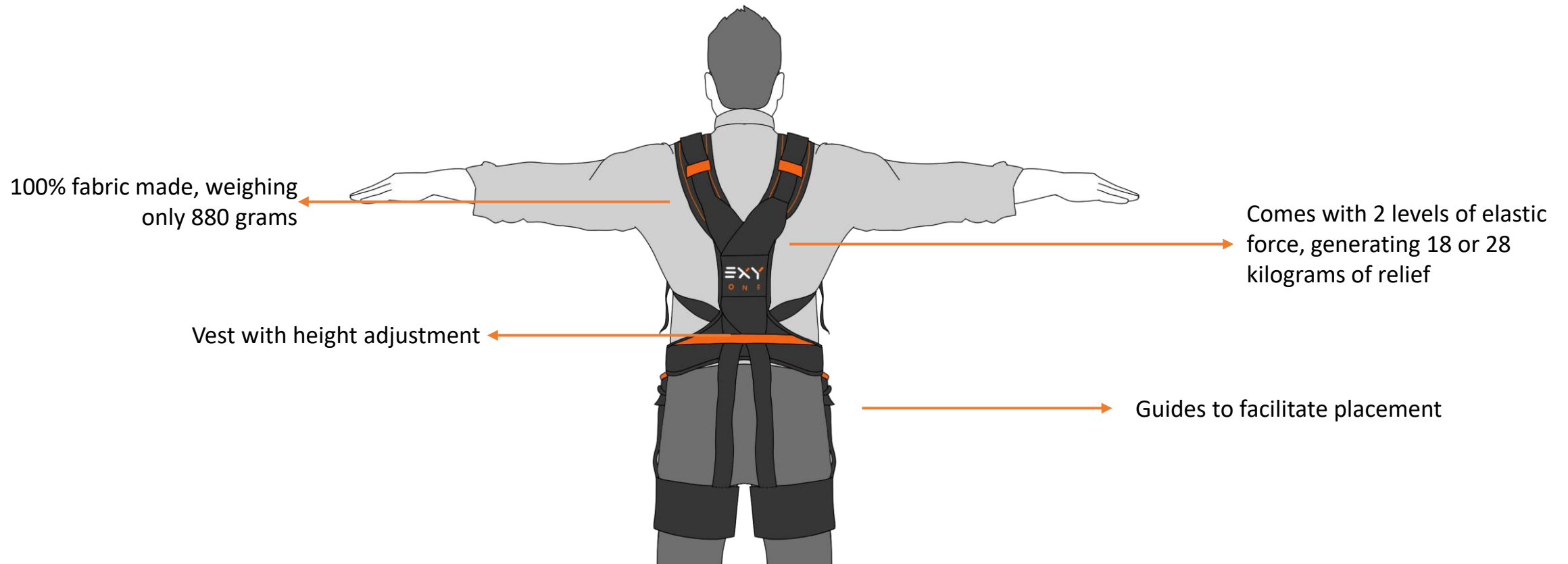
When the user bends their spine or legs, the equipment generates energy that accumulates in the elastic straps crossing the operator's back, reducing the strain on the lumbar region or legs




The equipment provides relief of 18 to 28 kilograms, depending on the selected configuration

## EXY ONE BACK LITE It fits the body

Manufactured with various features that make comfort the strong point of the equipment




**LIGHT | COMFORTABLE | DURABLE | AFFORDABLE**



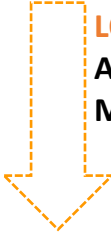
**USABILITY**  
LIGHTWEIGHT  
STRUCTURE  
880 GR




**SAFETY AND  
CONVENIENCE:**  
EASY TO PUT ON  
AND TAKE OFF



**LOW COST OF  
ACQUISITION AND  
MAINTENANCE**



**SCIENTIFICALLY  
PROVEN**




**DUST, DIRT  
AND MOISTURE  
RESISTANCE**



**EASY CLEANING: CAN BE  
WASHED IN A DOMESTIC  
WASHING MACHINE**



**THERMAL COMFORT  
REPEATABILITY AND  
EASY ADJUSTMENTS**



**OPTION WITH  
ANTIBACTERIAL AGENT  
AATCC 147 PROTOCOL**

ANTIBACTERIAL



**ADAPTABLE: SUITABLE  
FOR INDIVIDUALS FROM  
1.50M IN HEIGHT**

## The **EXYONE BACK LITE** is unique

### FOR EMPLOYEES

#### REDUCTION OF MUSCULAR EFFORT

**45%**

SCIENTIFICALLY PROVEN



#### REDUCTION OF PERCEIVED EFFORT

**-40%**

SELF-ASSESSMENT OF OPERATORS



### FOR BUSINESSES



REDUCES  
ERGONOMIC RISKS  
OF THE OPERATION

SHORTER  
EXECUTION TIME  
OF ACTIVITIES

INCREASED  
QUALITY AND  
PRECISION

DEVELOPED FOR THE REDUCTION OF  
WORK-RELATED MUSCULOSKELETAL  
DISORDERS



INDUSTRIAL



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