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PES-B

Passive Elastic
Suit-Back

ULS ROBOTICS

PES-B

Passive Elastic Suit-Back

The Passive Elastic Suit-Back (PES-B) of ULS Robotics, with its original S-shaped mechanical architecture, can generate a powerful reactive force effect in real time. Whether it is long-term heavy-load work or frequent bending and stretching actions, the Passive Elastic Suit-Back can precisely disperse the pressure on the waist, effectively relieve muscle fatigue, provide a stable support for you during high-intensity work, significantly reduce the risk of waist strain, and make every operation easy, efficient, safe and worry-free.



1.

No need to charge

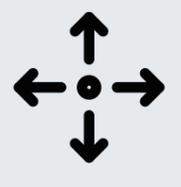
There are no restrictions on the use location and operating time.



2.

Safe Assistance

Mechanical energy storage drive offers smooth, gentle auxiliary force for waist comfort.



3.

Posture Diversity

The device has a wide range of movement, including not only up and down, but also left and right tilting, and moves smoothly in other directions.



4.

Lightweight Device

The product is lightweight and made of solid material, weighing only 0.8kg.



5.

Easy to Wear

It is comfortable to wear, simple to use, and easily put on within a minute.



6.

Waterproof and Dustproof

It can be used outdoors or in humid weather conditions. The soft bag and other attachments are detachable and can be cleaned.



Lumbar Support Function

Force on the pull rope

Posture Guidance Function

APPLICATION INDUSTRIES



Airport Ground Services



Power and Mining



Physical Lifting



Automobile Manufacturing



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SPECIFICATIONS

Device Dimensions 550×240×50(mm) (L × W × H)

Suitable Weight Range 45~100kg

Product Weight 0.8kg

Power Source Mechanical Power

Materials PP High-strength aluminum alloy Carbon Fiber

