

Hapo exoskeletons

Innovative technology enhancing human capability



hapo

EFFORTLESS



hapoBR

Designed to relieve back strain, the Hapo BR exoskeleton works by decompressing the spine, while maintaining a high degree of freedom of movement. A valuable ally in everyday life. It is designed to fit each user perfectly, thanks to three sizes of upper belts and three sizes of lower belts, allowing optimal adjustment for all body types.

The Hapo BR's anti-gravity system provides assistance through vertical traction (spinal distraction) to relieve pressure on the spine.



Exoskeleton size	S1, S2, S3 (high belt) and S1, S2, S3 (low belt)
Weight	885 g (1.95 lb)
Colors	Black
Type of assistance	Non-motorized (springs: composite material)
Assistance	Standard
Terms of use	-10°C to +40°C / Dry environment -14°F to +104°F / Dry environment
Warranty	2 years



Find out more about the Hapo BR



hapoBACK

Designed to relieve the back on demand, Hapo BACK is dedicated to lumbar support. It reduces fatigue caused by prolonged bending and helps prevent back pain and lower back issues.

Exoskeleton size	S1, S2, S3
Weight	1.1 Kg 2.4 lbs
Colors	Black or white
Type of assistance	Non-motorized (springs: composite material)
Assistance	Standard
Terms of use	-10°C to +40°C / Dry environment -14°F to +104°F / Dry environment
Warranty	2 years



Find out more about the Hapo BACK



hapoCS

Optimized to fit the female physique, Hapo CS provides lumbar support and chest comfort. It reduces back fatigue and helps prevent pain and the risk of musculoskeletal disorders (MSDs).

Exoskeleton size	S1, S2 (harness) and S1, S2, S3 (springs)
Weight	0.850 Kg 1.9 lbs
Colors	Black or white
Type of assistance	Non-motorized (springs: composite material)
Assistance	Standard
Terms of use	-10°C to +40°C / Dry environment -14°F to +104°F / Dry environment
Warranty	2 years



Find out more about the Hapo CS



hapoSD

Designed to relieve the back in all positions, Hapo SD provides lumbar support even during squatting or kneeling tasks. Sturdy and durable, it reduces fatigue and back strain.

Exoskeleton size	S0, S1, S2, S3
Weight	0.950 Kg 2.1 lbs
Colors	Black or white
Type of assistance	Non-motorized (springs: composite material)
Assistance	Standard or Hard
Terms of use	-10°C to +40°C / Dry environment -14°F to +104°F / Dry environment
Warranty	2 years



Find out more about the Hapo SD



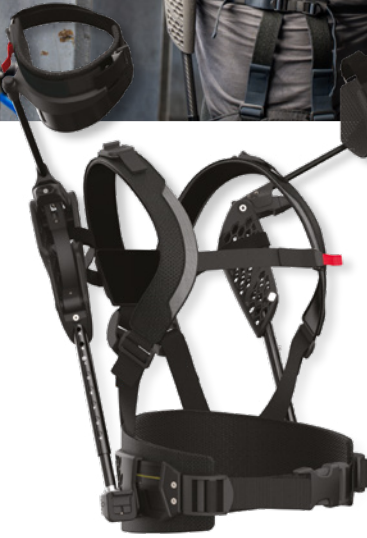
hapoFRONT

Designed for repetitive «arms forward» movements, Hapo FRONT provides support for the shoulders, arms, and elbows, helping to prevent pain related to tendinitis and rotator cuff injuries.

Exoskeleton size	One size
Weight	1.3 Kg 2.9 lbs
Colors	Black
Type of assistance	Non-motorized (springs: composite material)
Assistance	Standard (up to 4 kg) or Hard (up to 6 kg) Standard (up to 8.8 lbs) or Hard (up to 13.2 lbs)
Terms of use	-10°C to +40°C / Dry environment -14°F to +104°F / Dry environment
Warranty	2 years



Find out more about the Hapo FRONT



hapoUP

Helps support «arms raised» postures and movements by providing shoulder and arm support, and helps prevent tension, pain, and the risk of musculoskeletal disorders (MSDs).

Exoskeleton size	One size
Weight	1.67 Kg 3.7 lbs
Colors	Black
Type of assistance	Non-motorized (springs: composite material)
Assistance	Adjustable up to 7.6 kg Adjustable up to 16.8 lbs
Terms of use	-10°C to + 40°C / Dry environment -14°F to + 104°F / Dry environment
Warranty	2 years



Find out more about the Hapo UP



hapoNECK

Adapted for neck extension and «looking up» postures, Hapo Neck provides support for the neck muscles and helps prevent pain and the risk of cervical issues.









Exoskeleton size	One size
Weight	0.300 Kg 0.7 lb
Colors	Black
Type of assistance	Non-motorized (springs: composite material)
Assistance	Standard
Terms of use	-10°C to + 40°C / Dry environment -14°F to + 104°F / Dry environment
Warranty	2 years



Find out more about the Hapo NECK

The Hapo difference

Hapo has developed a complete range of lightweight, non-motorized exoskeletons designed to provide targeted solutions in reducing postural risk factors and the onset or worsening of musculoskeletal disorders (MSDs) in the workplace. With a design focused on the human body, each exoskeleton offers maximum efficiency while respecting the natural movements of the body and is tailored to specific postures and areas of the body.

- | | | | |
|---|---|---|---|
|  |  |  |  |
| Optimized power | Efficient/ Comfortable | Light & durable | Full freedom |
|  |  |  |  |
| Easy to use | Practical | Discreet | Autonomous |



Perform your postural analyses for free with the Hapo LEA app

Poor posture + improper movements = high risk of MSDs (Musculoskeletal Disorders). With just one click, for free and in complete confidentiality, detect and analyze your postural risks using Hapo LEA.



Download the postural assessment app



+33 (0) 9 72 17 96 10



contact@hapo.eu



www.hapo.eu



hapo is a brand of **ergo** **sante**

PARTNER

hapo
EFFORTLESS