

STRONGARM® ERGOSKELETON™

Lift Assist Device

V22



“STRONGARM®’s V22 ErgoSkeleton™ is the only device we have ever seen that actually changes the dynamics of a lift”

Dr. Jeffrey Houck,
Movement Analysis Lab, Ithaca College

The ErgoSkeleton™ devices, under certain lifting scenarios, have potential to deliver a significant return on investment through injury risk reduction.

OUR MISSION :

We are dedicated to improving the future of the workforce through innovative technology and human centered design. Our company believes that the workers who perform physical tasks for their jobs deserve to have performance gear that will protect their bodies from the strains that they may endure during their career.

THE V22 PASSIVE EXOSKELETON IS DESIGNED TO HELP

- ✓ Reduce arm fatigue
- ✓ Transfer the load from the upper body to the legs
- ✓ Reduce common lumbar compression back injuries
- ✓ Enforce proper lifting techniques



Diagram of proper lifting posture with ErgoSkeleton™

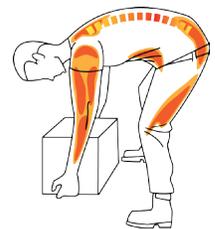


Diagram of improper lifting posture without ErgoSkeleton™

NEW YORK'S
NEXT TOP MAKERS

MC
MASSCHALLENGE

HUMAN POWER REINVENTED™



V22 ERGOSKELETON™

For Industrial Athletes™
Who Perform Heavy Lifting & Carrying

PRODUCT ORDERING INFORMATION

StrongArm® ErgoSkeleton™ Lift Assist Device V22

V22 - S Small	UPC#:0051131275140 Length: 16.5" up to 20.5"	Sizes (Waist): 27" - 33" Weight: 2.75 lbs
V22 - M Medium	UPC#:0051131275232 Length: 16.5" up to 20.5"	Sizes (Waist): 34" - 41" Weight: 2.85 lbs
V22 - L Large	UPC#:0051131275249 Length: 16.5" up to 20.5"	Sizes (Waist): 42" - 51" Weight: 2.95 lbs

- When lifting a heavy box, the hand effectors of the V22 are designed to activate, which distribute the load weight through the cords and down into stronger muscles of the body, the legs.
- The V22's load-shifting technology is designed to help to reduce certain factors that have been associated with lumbar back pain.
- The V22's load-shifting technology reduces strain on the lower back, which can help reduce lower back injuries.
- Operators are automatically reminded to follow the NIOSH and OSHA lifting guidelines in every lift to promote pivoting, knee bending and better body mechanics every day for safer more energetic and more productive work.



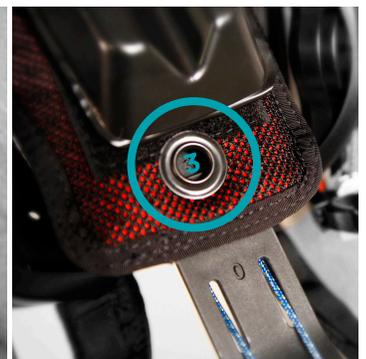
HAND EFFECTOR



HAND CLUTCH



HEIGHT ADJUSTMENT



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