

# STRONGARM® ERGOSKELETON™

Postural Support Device

# FLx



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.

NEW YORK'S  
**NEXT TOP MAKERS**

**MC**  
MASSCHALLENGE

## THE FLx IS DESIGNED TO PROVIDE FEEDBACK TO THE WEARER, AND CAN HELP REMIND WEARERS TO:

- ✓ Maintain proper posture
- ✓ Help ensure proper lifting technique

Customer feedback surveys have documented a reduction in pain and fatigue, after a full day's use of FLx postural support devices.



Diagram of proper lifting posture with ErgoSkeleton™

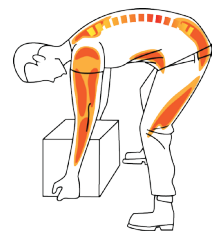


Diagram of improper lifting posture without ErgoSkeleton™

# HUMAN POWER REINVENTED™

## FLx ERGOSKELETON™

Postural Support & Conformance For The Industrial Athletes™ Who Perform Dynamic Lifting



← Twisting Resistance

Use of the StrongArm FLx, in combination with proper ergonomics training, is designed to help remind wearers to maintain proper posture, helping to ensure proper lifting technique.

### BEHAVIORAL CHANGES IN WORKERS MAY INCLUDE CONFORMANCE OF PROPER LIFTING TECHNIQUES, SUCH AS :

- Pivoting instead of twisting when turning to the side
- Positioning body closer to the load
- Bending at the knees and lifting with legs instead of the back

### POSTURE FEEDBACK SYSTEM

**Lifting:** As you lift a load, the Posture Feedback System is designed to remind you, by applying pressure against your back, if you move into an improper position. This reminds the user to change their position to reflect the NIOSH and OSHA lifting guidelines. We recommend daily use of the FLx to maintain good posture throughout the workday, as energy and job intensity changes throughout the day.

**Rotating:** If you rotate your body beyond recommended guidelines, the Posture Feedback System is designed to remind you by applying pressure to your opposite shoulder and back. This is a reminder to the user that they should change their position to a proper lifting posture.

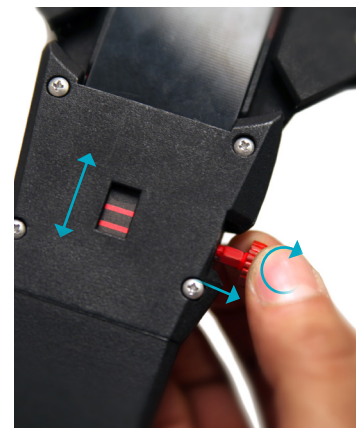
### PRODUCT ORDERING INFORMATION

#### StrongArm® ErgoSkeleton™ Postural Support Device FLx

<b>FLx - S</b> Small	UPC#:00051131275225 Length: 16.82" up to 19.21"	Sizes (Waist): 27" - 33" Weight: 2.28 lbs
<b>FLx - M</b> Medium	UPC#:00051131275256 Length: 16.82" up to 19.21"	Sizes (Waist): 34" - 41" Weight: 2.38 lbs
<b>FLx - L</b> Large	UPC#:00051131275263 Length: 16.82" up to 19.21"	Sizes (Waist): 42" - 51" Weight: 2.48 lbs



HEIGHT ADJUSTMENT



FLEXIBILITY ADJUSTMENT

70-0716-7174-0



Distributed by  
**For Trial/Purchase - Contact: 3M Personal Safety Division**  
3M PSD products are for occupational use only

Customer Service: 1-800-328-1667  
Technical Assistance: 1-800-243-4630