



EasyExo

EXO for Everyone



ST Engineering

8 in 10 adults suffer from lower back pain at some point in their life

In 2022, musculoskeletal disorders, including lower back injuries, accounted for approximately 30% of all non-fatal occupational injuries and illnesses.

Wrong posture and **repetitive, poorly distributed load** are key causes of this problem.

EasyExo

*Finally, an Exoskeleton that is Easy to
Equip, Use and Maintain*





EasyExo Exoskeleton acts as extra back muscles. Elastic bands stretch during muscle extension and recoil during contraction, providing energy and assisting bending motions. They move comfortably with the user, reducing strain on spinal muscles during bending or squatting. No motors or batteries are required.

Built to provide total body support, comfort and manoeuvrability



Chest Strap

Provides upper body stability & prevents slouching



Belly Strap

Stabilises the lower back & supports load transfer



Thigh Strap

Supports load transfer to the legs & assists joint alignment (hip and knee)



Harness



Supports spine & prevents excessive bending

Y-Elastic



Allows natural movement & flexibility while providing secure fit

