

hapo[®] front

The exoskeleton for work at mid-height

The HAPO FRONT is a **light exoskeleton**, intuitive to use and designed to relieve the upper limbs : **shoulders and elbows**.

It is a solution particularly adapted for all work requiring **assistance of the arms at a height of 0° to 135°** and in a **horizontal amplitude of 180°**, aiming at **reducing pain and improving working conditions**.

The user retains **freedom of movement** without annoying hindrances while performing tasks that do not require mechanical assistance.



Features

Assists the upper limbs	Relief of shoulders and elbows by the double interface
Range of motion with assistance	Up to 135° vertically Up to 180° horizontally
2 levels of assistance	Up to 8.8 (4) or 13.2 lbs (6 Kg) Composite spring
Size	Unique
Mass	2.86 lbs (1.3 Kg)
Set up time	50 seconds
Time to remove it	20 seconds