



See Video

Better Life with Robot



Hector L20P / L10P

Lumbar Passive Assistor



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HEXAR is a leader in the wearable exoskeleton robot technology



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Product Overview

Ensure safety and productivity by supporting worker's lower back

Main Function

- Improves labor productivity and increases safety by supporting the strength of industrial workers
- Support lower back when handling heavy loads (maximum 16kg)
- Light weight and comfortable fit
- Powerless passive driving part (10kg class, 16kg)
- Body shape-tailored mechanism and easy detachable harness

Specification

Purpose of Use	Support worker's hip joint and lower back strength when handling heavy weights in construction and logistics fields
Power	Passive driving method, hybrid module can be replaced/extended
Dimension (W x D x H)	480mm(W) x 180mm(D) x 720mm(H)
Weight	L20P : 2.8kg / L10P : 2.4kg
Range of Motion (ROM)	Waist bending angle: ~+150°
Exercise Mode	Walking mode, Working mode
Degree of Freedom (DOF)	5 DOF (drive rotation with length adjustment)
Remarks	Easy on-off and to adjust the length Muscle support load (L20P:16kg / L10P:10kg)

Picture

