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# MATE-XT GO

Work Easier. Feel Better.



# MATEXT GO

## A NEW STANDARD IN CERTIFIED ERGONOMICS

**MATE-XT GO** is a professional exoskeleton designed to enhance **worker well-being** during repetitive tasks by providing **natural support** to the shoulders and arms.

Lightweight, comfortable, and made with high-quality materials and engineering solutions, it is certified as **Personal Protective Equipment (PPE – Category II)** in accordance with EU Regulation 2016/425.

Thanks to its robust, intuitive, and accessible design, **MATE-XT GO** is ideal for **widespread use across companies of all sizes**, from industrial environments to small and medium-sized enterprises and artisan workshops.



## WHAT IS MATE-XT GO

A passive, battery-free exoskeleton designed to support the shoulders and reduce fatigue during physically demanding tasks.



### ASSISTIVE MECHANISM

Continuous, **adjustable support** that reduces shoulder and arm load while moving naturally with the user.

### TEXTILE INTERFACE

**Breathable, removable, and washable** materials for all-day comfort, hygiene, and safety.

### SHOULDER & MOVEMENT

Kinematic design that **follows natural shoulder motion**, ensuring fluid movement and full operational freedom.

### BACK STRUCTURE

**Carbon fiber structure** that improves posture and evenly distributes loads.

### LOAD DISTRIBUTION

The lumbar belt transfers weight to the hips, **reducing back strain** during prolonged tasks.

## MATE-XT GO WORKS EXACTLY THE WAY YOU DO.

## HOW IT WORKS

### INTELLIGENT ASSISTANCE, EXACTLY WHERE IT'S NEEDED



The assistive mechanism stores and releases energy following the arm's natural movement, providing support that can be adjusted according to the shoulder's physiological angle.

**Progressive Load Support:** Assistance is zero when the arm is in a neutral position (0°) and gradually increases, reaching a maximum of 90° to offer effective support during the most demanding phases.

### PHYSIOLOGICAL SHOULDER ALIGNMENT



Thanks to a chain of passive degrees of freedom, the human shoulder flexion-extension axis is aligned with that of the MATE-XT GO.

This ensures natural, fluid movements and full operational freedom during work.

**EXACTLY THE WAY YOU DO.**

## WHY MATE-XT GO IS UNIQUE

### FOR THE WORKER

**50% REDUCED  
SHOULDER EFFORT**

**MORE NATURAL  
POSTURE**

**QUICK DONNING AND DOFFING  
30s ON / 10s OFF**

**COMFORT  
AND FREEDOM OF MOVEMENT**

### FOR THE COMPANY

**IMPROVED ERGONOMICS**

**10% REDUCED  
TASK EXECUTION TIME**

**GREATER  
OPERATIONAL PRECISION**

**LOWER  
LIFE-CYCLE COSTS**

**PREVENTION  
OF MUSCULOSKELETAL DISORDERS**



# MATEXT GO

## PPE CERTIFICATION

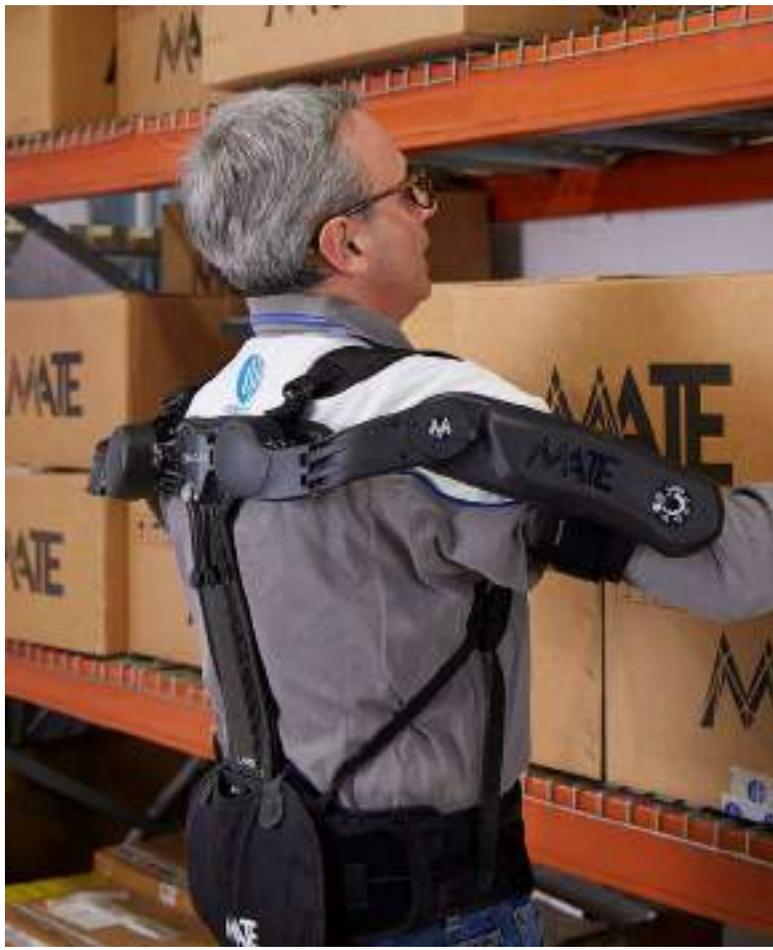
**MATE-XT GO IS A CATEGORY II PERSONAL PROTECTIVE EQUIPMENT (PPE),**  
certified in accordance with Regulation (EU) 2016/425.

### WHAT THIS MEANS FOR COMPANIES AND WORKERS

**SUITABLE FOR USE  
IN REGULATED WORK ENVIRONMENTS**

**VERIFIED SAFETY**

**SUPPORT FOR  
PREVENTION STRATEGIES**





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