

MATE-XT GO

Work Easier. Feel Better.



MATE-XT 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**



MATE-XT GO

PPE CERTIFICATION

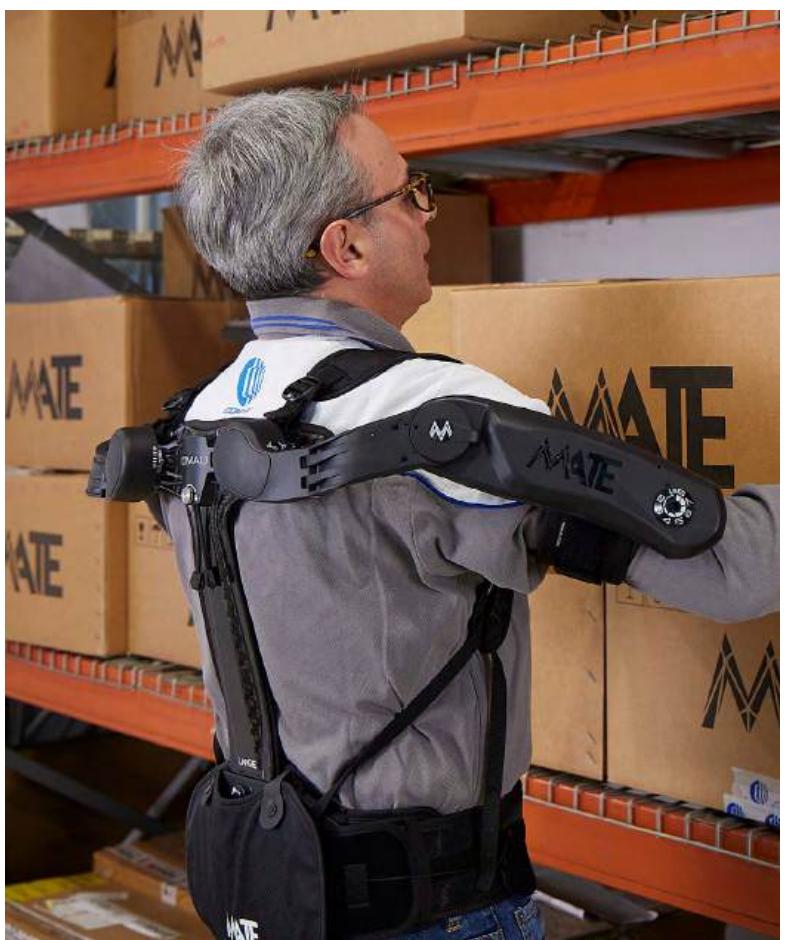
MATE-XT GO IS A CATEGORY II PERSONAL PROTECTIVE EQUIPMENT (PPE),
certified in accordance with Regulation (EU) 2016/425.

WHAT THIS MEANS FOR COMPANIES AND WORKERS

SUITABLE FOR USE IN REGULATED WORK ENVIRONMENTS

VERIFIED SAFETY

SUPPORT FOR PREVENTION STRATEGIES





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