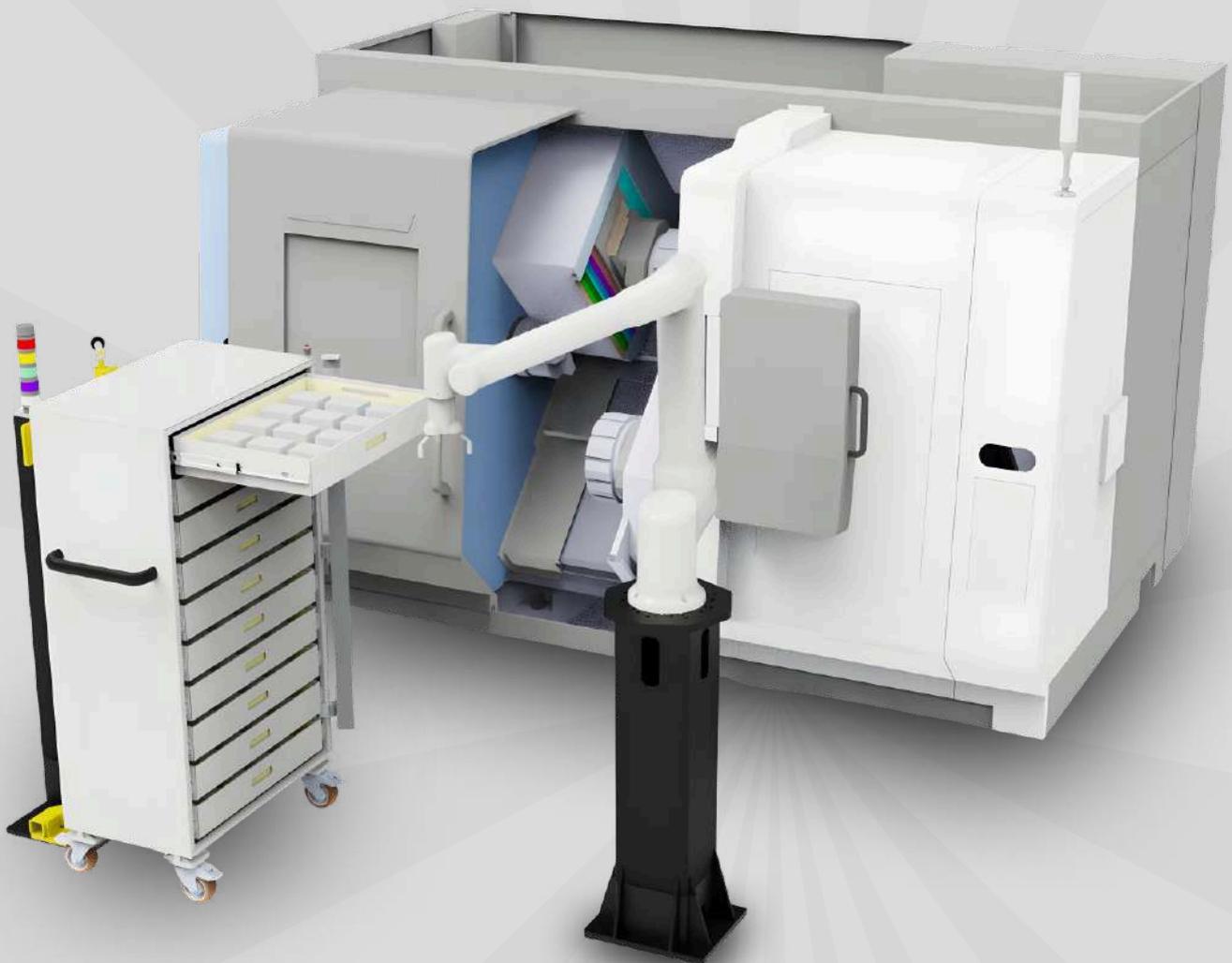


ER-LM9001

Easy LoadMate Ten

High-Capacity Lean Automation for Modern CNC Production



Introduction

The Easy LoadMate Ten is a next-generation tray-handling automation cell designed to streamline CNC machine tending and eliminate unnecessary downtime. Built around a robust ten-drawer tray system, it enables continuous, unattended operation while supporting true lean manufacturing flows across the shop floor.

Engineered for flexibility, mobility, and productivity, the Easy LoadMate Ten delivers a powerful combination of high storage capacity, ergonomic design, and seamless integration with most leading robot brands.



Outstanding Capacity & Structural Performance



Each drawer in the Easy LoadMate Ten supports a **maximum load of 50 kg**, and the full system incorporates **Ten trays**, giving you exceptional component storage for extended production runs.



The drawer system is engineered for industrial strength, maintaining a maximum **deflection of only 2 mm**, even at full load.

Minimize Downtime With Dual LoadMate Carts

- The system allows you to reduce idle and load time significantly by using two Easy LoadMate carts.
- Instead of waiting for an operator to refill empty trays, you simply roll away the completed LoadMate cart and dock a fully prepared one.
- This swap-and-go method keeps your CNC machine running, maximizes spindle hours, and aligns perfectly with lean production principles.

External Robot Pedestal With Integrated Docking Interface

The pedestal includes a **docking interface equipped with status indicator lamps**, giving operators clear visual feedback of the process stages—loading, operating, error state, complete, and more.



- The robot is mounted on a **dedicated external pedestal**, providing optimal reach and improved rigidity for fast, stable cycles.

- This improves workflow clarity and reinforces safe, predictable operation.

Lean Production – Designed for Flow

The Easy LoadMate Ten elevates lean manufacturing by enabling smooth material flow throughout the factory.

With its mobile cart concept, you can:

- Move products easily between multiple workstations
- Prepare new batches offline
- Keep a fresh cart ready while another is being processed
- Improve takt time and reduce bottlenecks
- Minimize manual handling and waste

The model ER-LM9001 supports an efficient, modular flow—perfect for facilities aiming to scale their automated operations.



Compatibility With Leading Robot Brands

- The system is designed to integrate seamlessly with **most major collaborative and industrial robot brands**.
- When selecting your robot, please ensure the **robot arm's reach** matches the tray layout and machine door configuration.

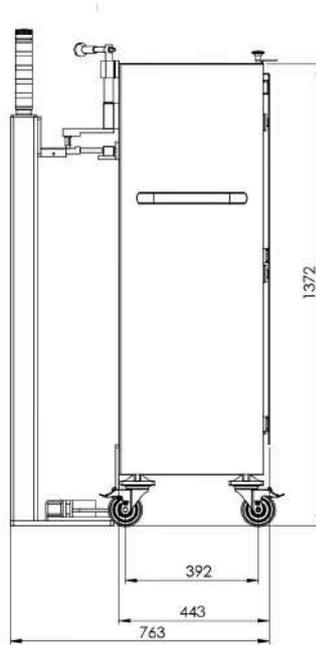
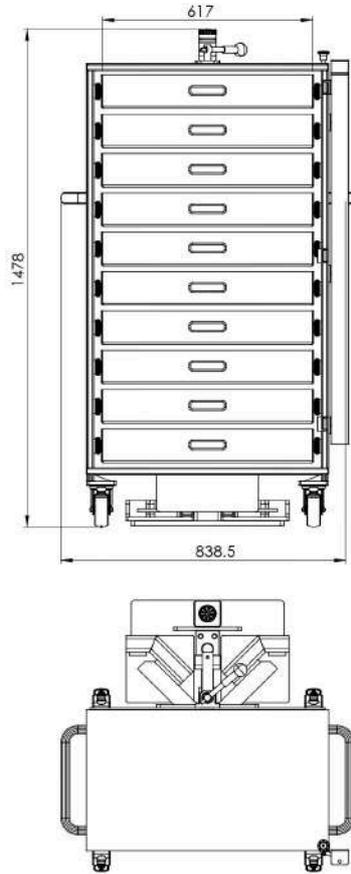
Also Available in Stainless Steel

For environments requiring higher hygiene standards or increased corrosion resistance, the Easy LoadMate Ten is also offered in a full stainless-steel version—ideal for harsh or cleanliness-critical applications.

Key Advantages

- Ten high-capacity trays, 50 kg per drawer
- Maximum drawer deflection: only 2 mm
- Fast tray exchange using dual LoadMate carts
- Lean-optimized workflow and factory-wide mobility
- Minimize manual handling and waste
- Compatible with most robot brands
- Also available in stainless steel
- Model: ER4-LM9001





Each drawer opening=400mm



Product Order Overview

ER-LM9001

Easy LoadMate Ten

L: 443 W: 838.5 H: 1372

EasyRobotics®

- we move your parts

EasyRobotics ApS

Tinggårdvej 1,

6400 Sønderborg, Denmark

E-Mail: info@easyrobotics.dk

Phone: +45 53770267

Web: www.easyrobotics.dk