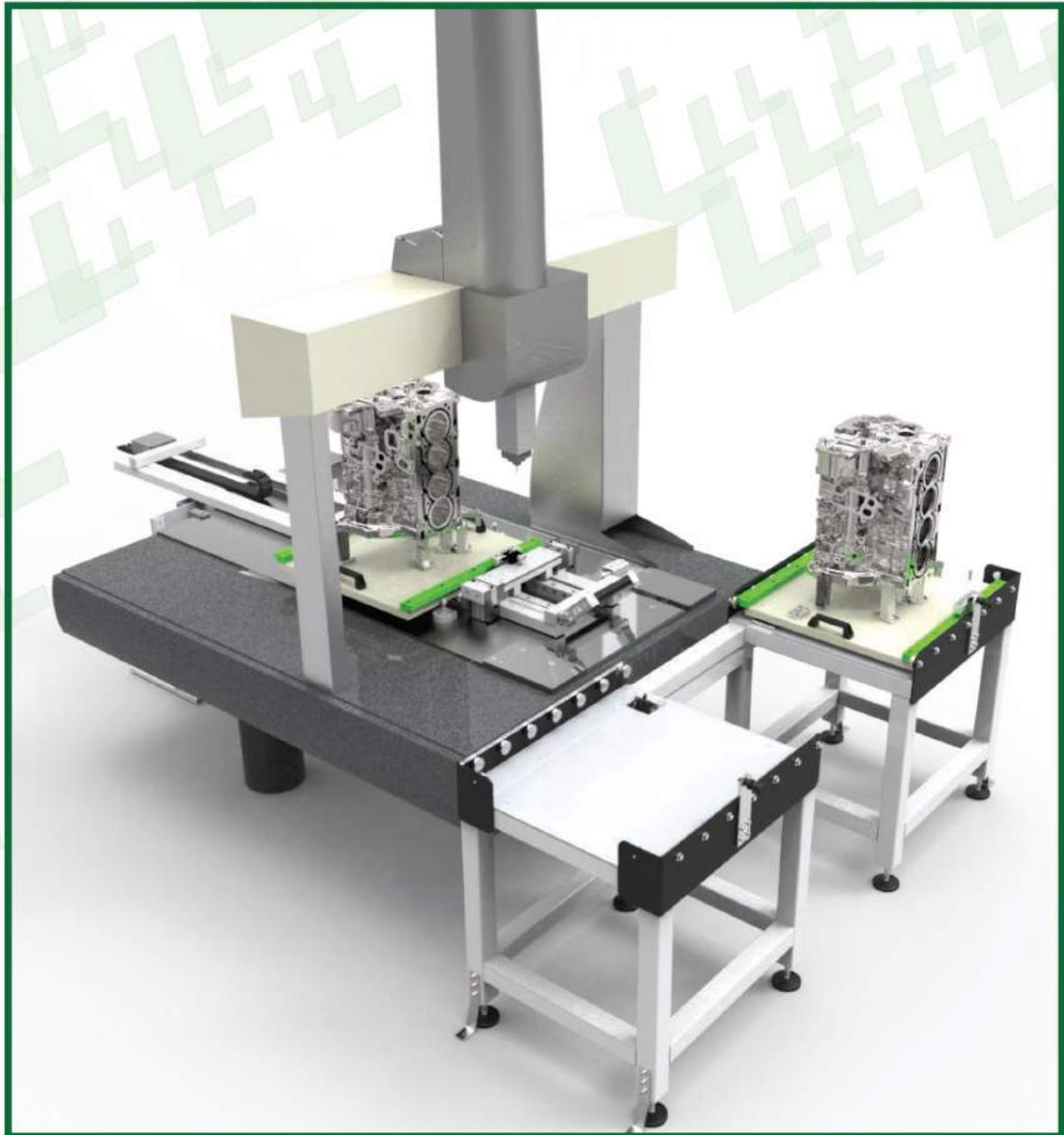




**Mod.En**  
Modular Engineering

PRODUCT BROCHURE



# **EasyLoad<sup>TM</sup>**

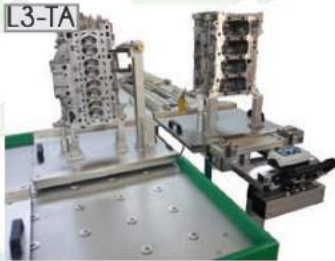
*Load-Unload System for CMM and  
Measuring Robots*



# EasyLoad<sup>TM</sup>

MANUAL AND AUTOMATIC SYSTEMS

## Manual Systems



L3-TA  
Manual with external table for change of 3 pallets



L2-TR  
Manual with trolleys on wheels



T2-DR  
Manual with drawer and external double station of change



L1-DR  
Manual with drawer and external part change

## Automatic and semi-automatic Systems



A2-PP  
Automatic System - rotating structure with 2 pallets at 180°



L2-OB  
Linear automatic system with double pallet



L2-OB mini  
Linear automatic system with double pallet



L1-EX  
Automatic system for in line controls on measuring robots

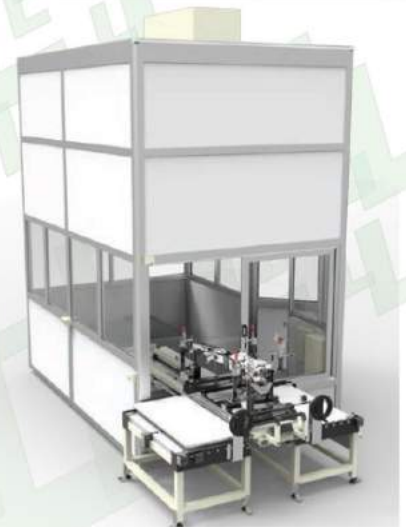
## EasyLoad Advantages:

**Significant Increase of the Productivity of the CMM**  
dead times of changeover are nearly canceled: the change of the particular is done while the CMM is working

**Reduced times of installation**  
modules are furnished pre-assembled and tested, to avoid prolonged activities of set up.

**Safety and Ergonomics**  
decrease of risks tied to the operations of lifting and manual positioning of the particulars to be measured.

**Compatibility with climatized cabins MODYBOX**  
our EL systems can be integrated with our modular cabins to create protected control's islands to checked temperature.



Integration with climatized cabin





## Why **EasyLoad**

TYPICAL EXAMPLE



TRADITIONAL SOLUTION

..... 1 CMM CYCLE average duration: 12 min +  
 ..... 1 PART CHANGING average duration: 10 min =  


---

 1 COMPLETE CYCLE average duration: 22 min



SOLUTION WITH **EasyLoad**

..... 1 CMM CYCLE average duration: 12 min +  
 ..... 1 PART CHANGING with **EL** average duration: 1 min =  


---

 1 COMPLETE CYCLE with **EL** average duration: 13 min

- **41% REDUCTION IN TIME**



1 CMM	70K€	➔	21 cycles/shift		1 operator
2 CMMs	140K€	➔	42 cycles/shift		2 operators
1 CMM + 1 <b>EL</b>	*100K€	➔	37 cycles/shift		1 operator

\* ≈ 30K€ Standard value of an **EasyLoad** system manual type

**+76% GAIN IN PRODUCTIVITY**



SAVE TIME AND MONEY

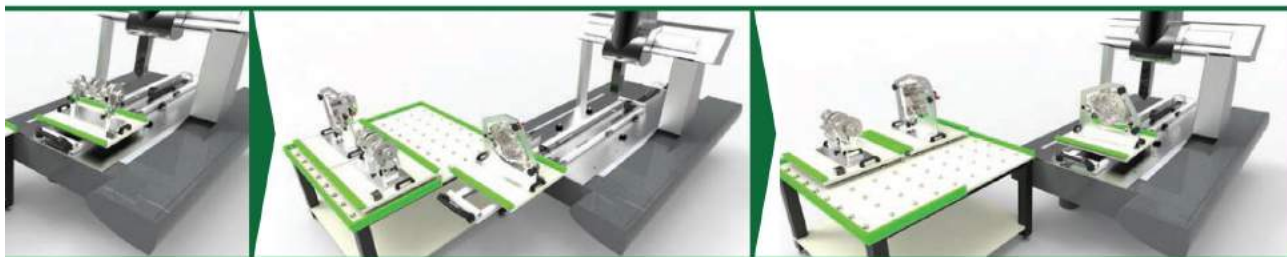


ERGONOMY



INTEGRATION

With an **EasyLoad** system installed on 1 CMM the productive times notably lower and the number of cycles per shift doubles, without employing a second operator.



**EasyLoad** is a modular load-unload system that optimizes the output and the productivity of your CMM.

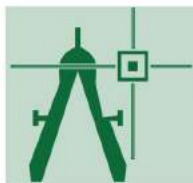
It's available in several configurations and dimensions to be adapted to any system of measure and it represents a low cost user-friendly solution.

**EasyLoad** is available in the versions:

**Manual** - with slidings on roller conveyor or on guides and ball bearing trolleys. An economical solution thanks to the absence of motorised complex movements and to the exclusive air-cushion lifting system of the pallet.

For particularly dynamics applications external trolleys integrated with the system are foreseen, provided with pivoting and braked wheels.

**Automatic** - with motorized movements and electronic or electro-pneumatic control units interconnected with the CMM and with possible loading robots, to create cycles of control totally automated.



Send us **the features of your CMM and your production requirements**, for an immediate quotation of the most appropriate system

Our assistance network furnishes labour activities for the installation all over the world at final customer premises, and it guarantees continuous technical support when demanded.

Our **International Technical, Application and Commercial Support Network**, will furnish you the consulting, mentoring, modification and adjustment services for any type of control equipment.

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