



Telescopic forks

Eurofork's telescopic forks





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+20
years of experience

+93
countries use Eurofork devices

+125.000
applications worldwide

Eurofork was founded in 2000 in the northwest part of Italy, close to Turin, with the ambition of becoming a world leader in the production of automatic handling systems for automated warehouses.

Today the company is a reference point for the world's leading system integrators, recognized as one of the leaders in the production of high-end handling devices in the intra-logistic sector.

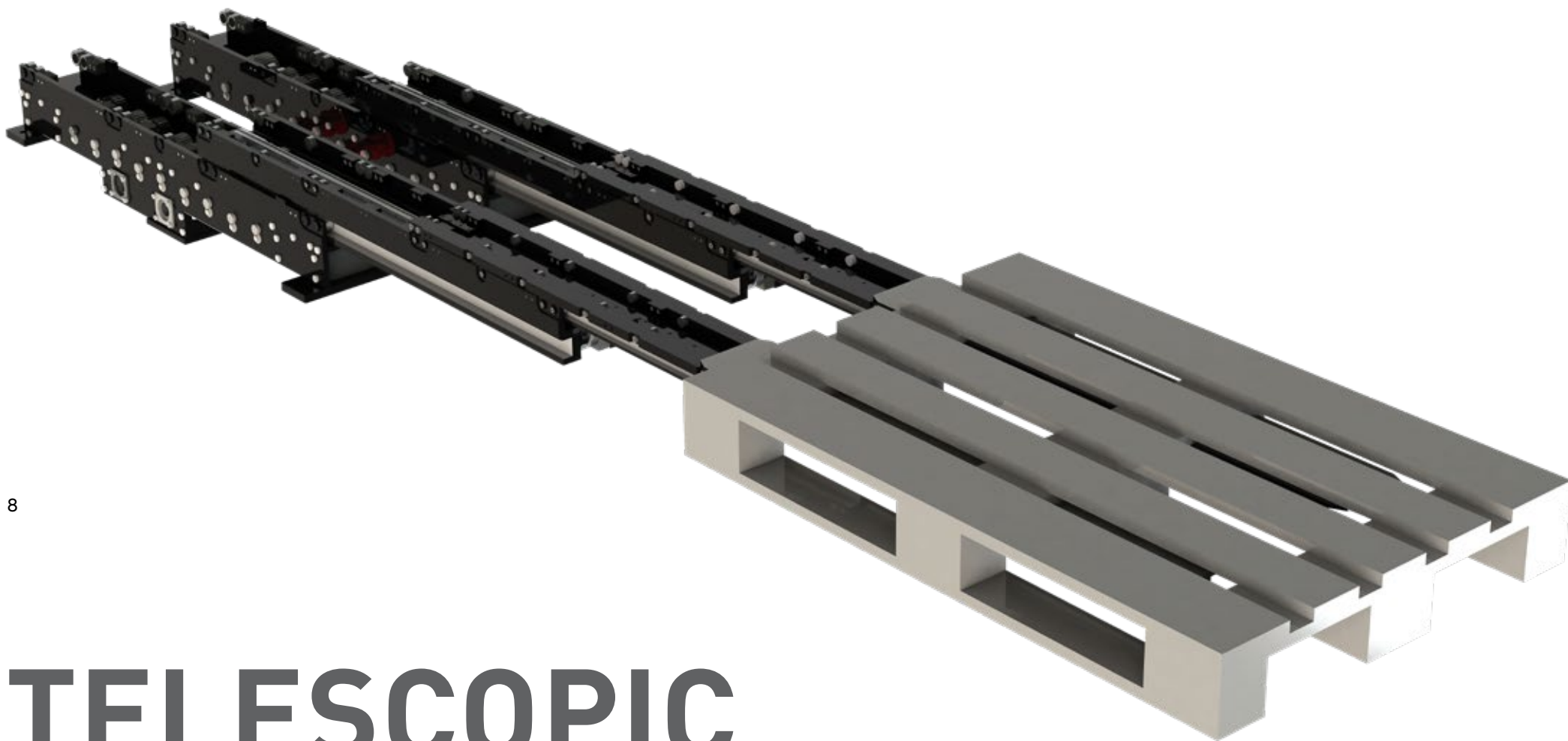
One of Eurofork's success reasons is the decision to adopt a Made in Italy policy and to equip all products with components from the best worldwide brands. The entire Group strives to continually evolve, promoting technological transfer to new sectors and opportunities.

PHILOSOPHY

Always looking to the future, to propose innovative solutions in the field of automatic handling, anticipating change.

Eurofork aims to become a world-class innovation hub, putting people at the centre of the project and always investing in new businesses, with particular attention to social and environmental sustainability.

experience. empower. evolve.



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TELESCOPIC FORKS

Designed to satisfy every need of system integrators, Eurofork's telescopic forks are produced entirely in Italy, using only components of the best Worldwide brands and certified materials.

HIGHLIGHTS



Reliability

Designed for best performances, handling heavy unit loads with low deflections



Dynamic testing

Subjected to specific internal and functional tests before delivery



Sturdiness

Made with certified material, equipped with components from primary European brands



Customization

Designed to meet all kinds of customer needs in any application sector



Efficiency

High level of performance, precision and stability over time



Flexibility

Designed to stock keeping units of any weight and size



Made in Italy

Produced and tested entirely in Italy



Delivery time

Fast delivery around the world



Maintenance inspection

Easy maintenance checks for optimal performance



Data integration

Data collection for enhanced efficiency



Absolute quality

Covered by international patents



Innovation

Non-stop development





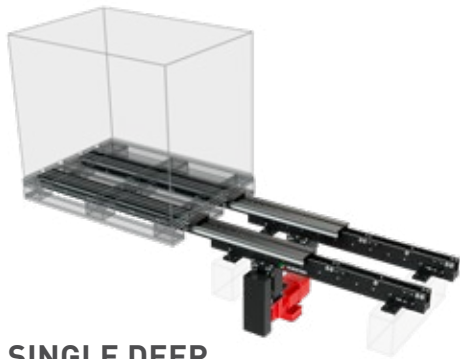
PALLET

Pallet line forks have been developed to handle any type of pallet inside an automatic warehouse. Simple, double or triple deep, Eurofork's telescopic forks have always offered a total guarantee of reliability in any sector of application.

HIGHLIGHTS

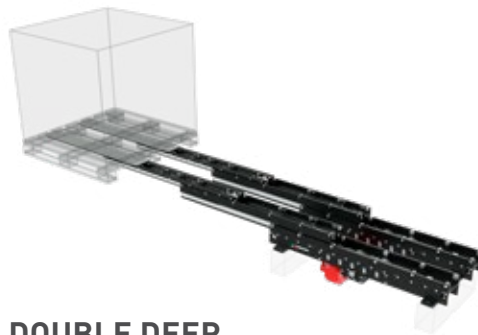
- Small size and absolute positioning precision
- Reduced deflection value
- High reliability and easy maintenance
- Working temperature up to -30° C (- 22° F)
- Fully customizable

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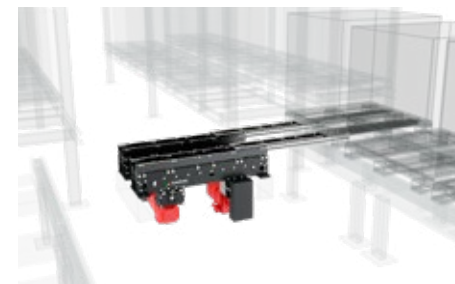
SINGLE DEEP

Among the most popular in automatic handling in warehouses with stacker cranes. Versatile. Compact. Composed of a fixed body and two mobile elements, single deep telescopic forks manage all stock keeping units (SKU) handling in single deep racks



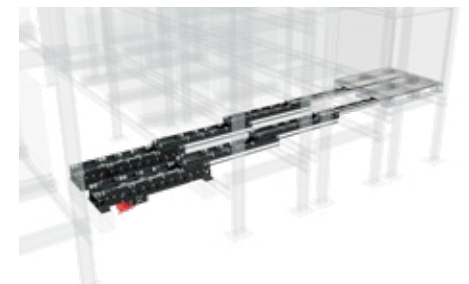
DOUBLE DEEP

Consisting of a fixed body and three mobile elements to move the stock keeping units (SKU) bilaterally up to double deep racks. The transmission of the double deep telescopic forks simultaneously transfers the motion to all the elements.



DOUBLE DEEP - VARIANT VERSION

The variant version allows for decisive savings in the structural warehouse costs. The use of transmissions dedicated to the separate and more dynamic management of the slides makes it possible to easily store & retrieve both simple and double deep stock-keeping units, reducing the height of the moving parts.



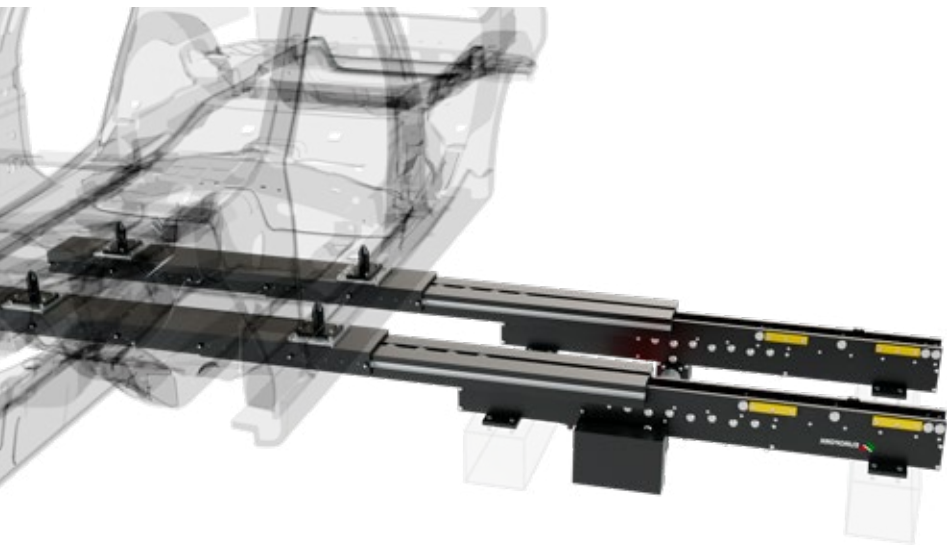
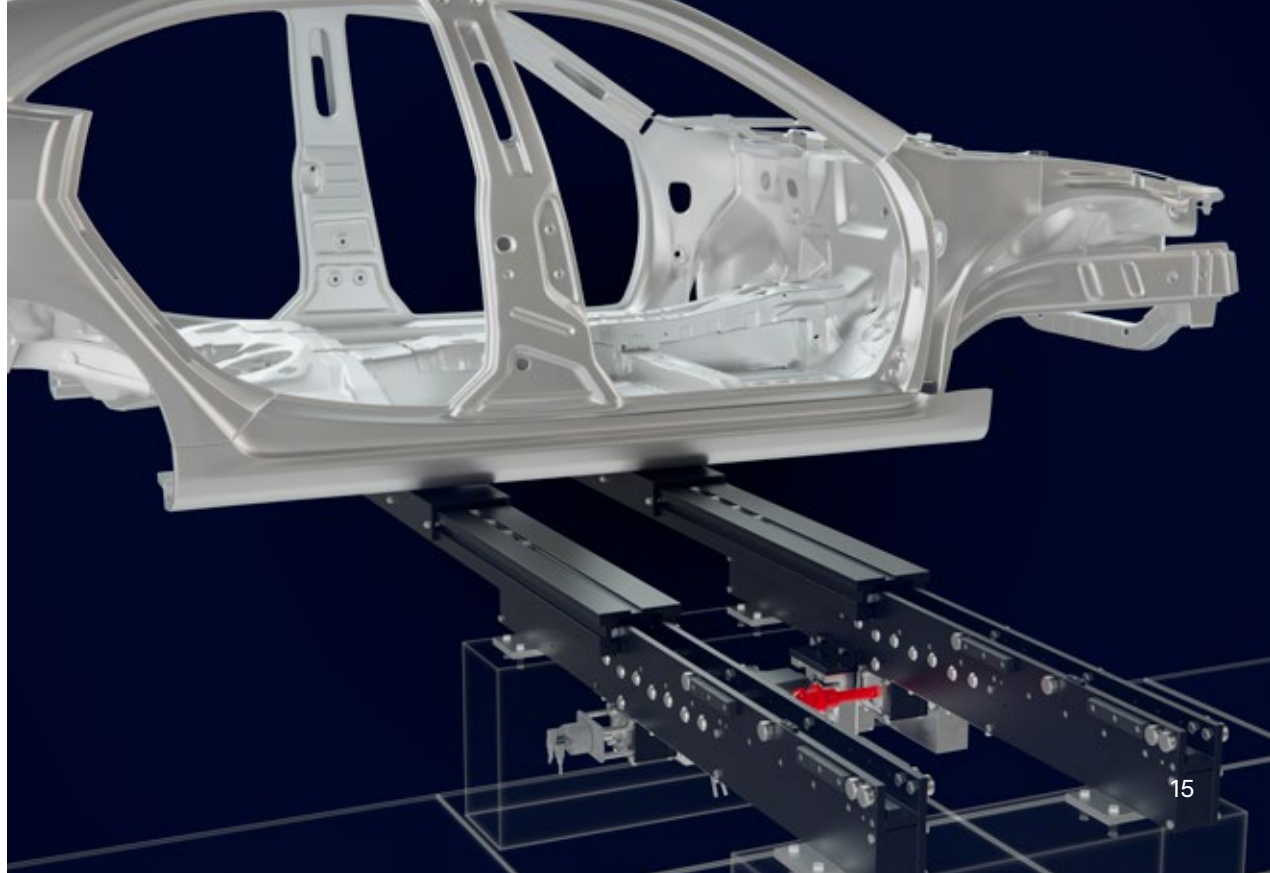
TRIPLE DEEP

Triple deep forks allow to maximise available space and optimise automation costs, bilaterally storing and retrieving up to triple deep goods in automatic warehouses.

AUTOMOTIVE

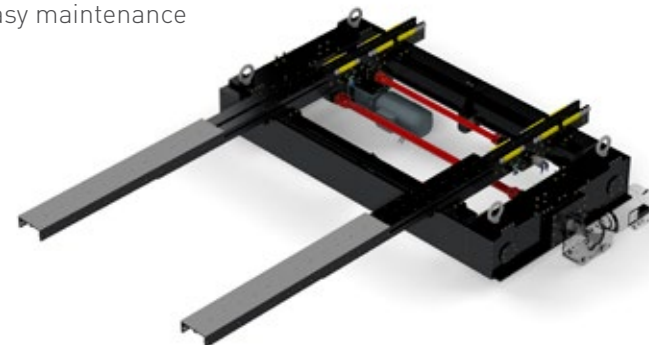
Used by the most important car manufacturers in the world, the Eurofork Automotive line telescopic forks perfectly mitigate the stresses deriving from the handling of vehicle bodies thanks to a fully geared transmission and the use of special components.

The strong propensity for innovation and experience in the field has allowed Eurofork to develop a specific telescopic forks line, designed to handle every kind of electric vehicle's batteries.



HIGHLIGHTS

- Fully geared transmission
- High reliability and easy maintenance
- Fully customizable



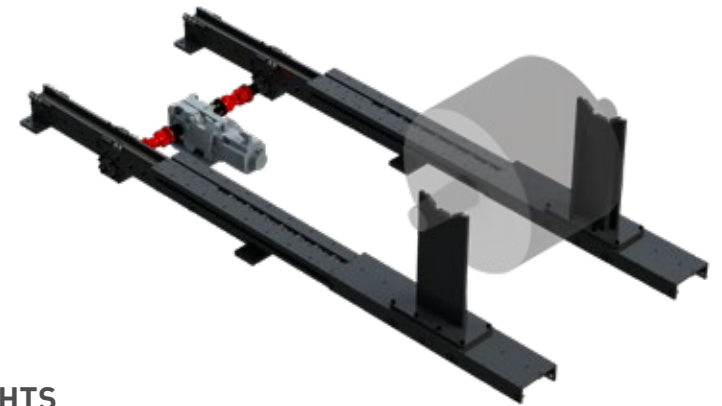
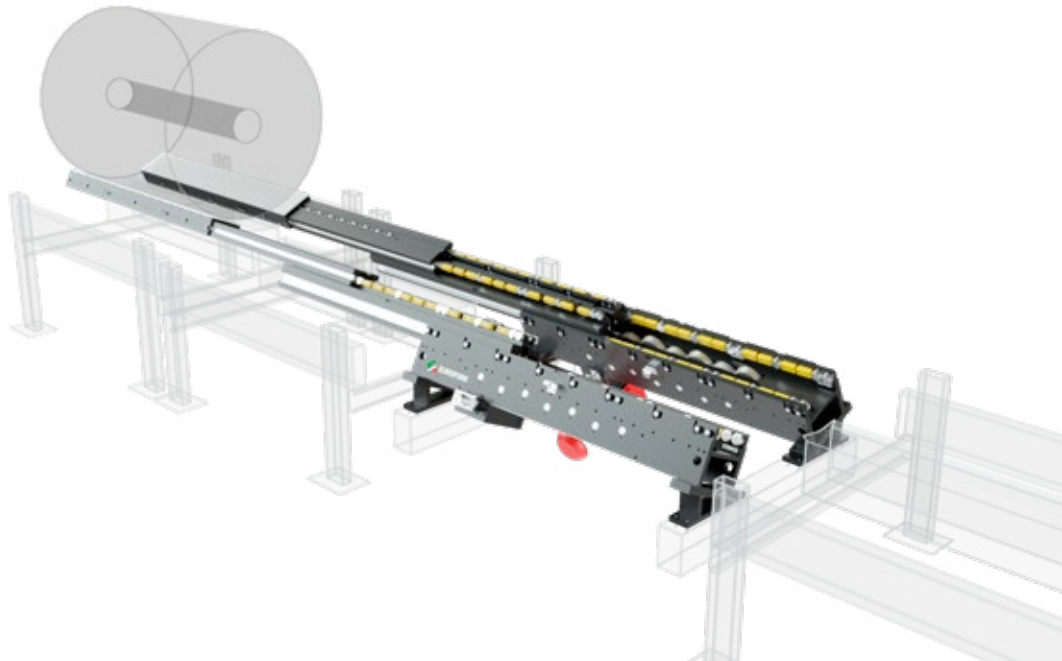
COILS

This type of telescopic fork is suitable for handling coils of any diameter and material such as textiles, paper and metal.

Eurofork customises each handling device according to the type of cargo storage with particular supports applied on the upper element or with an inclination of the entire device, to optimise the contact surface and allow a better distribution of stresses while keeping the load stable.



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HIGHLIGHTS

- Small size and absolute positioning precision
- Reduced deflection value
- High reliability and easy maintenance
- Working temperature up to -30° C (- 22° F)
- Fully customizable

BOXES

It is increasingly necessary to build automatic warehouses for handling small loads such as cardboard or plastic boxes. Eurofork has combined the needs of the market by designing a line of solutions specifically for the fast and reliable handling of boxes.



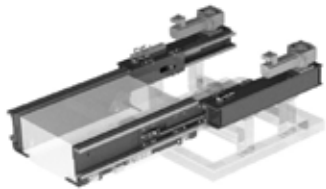
E-BOX GRIPPER

Speed, innovation and performance in a single solution. Eurofork's technical team has exploited all its mechatronic experience to develop E-BOX GRIPPER, the innovative solution for the storage & retrieval of cardboard or plastic boxes.

Extremely compact, equipped with Wi-Fi technology and latest generation components, and easy to configure and maintain, E-BOX GRIPPER is the ideal handling device for boxes in any sector.

HIGHLIGHTS

- 24/7 Power supply
- Available with variable fork to fork distance system
- Available with belt conveyor system
- Compact design and optimised weight
- Absolute positioning precision
- Speed in cycle-times
- Easy maintenance
- Fully customizable



E-BOX GRIPPER S

Designed for automatic warehouses that need higher throughput, E-BOX GRIPPER S can handle one carton or plastic box.



E-BOX GRIPPER D

Designed for automatic warehouses that need higher throughput, E-BOX GRIPPER D can handle up to two boxes simultaneously.

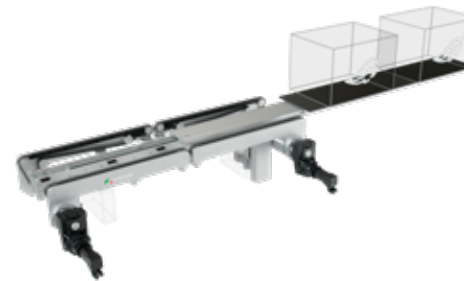
MINILOADS

Used with great results in many sectors such as e-commerce, the miniload line is versatile, agile and silent in handling carton or plastic boxes.

To optimise efficiency concerning particular warehouse layouts and types of load, they are usually combined with the belt conveyor systems.

HIGHLIGHTS

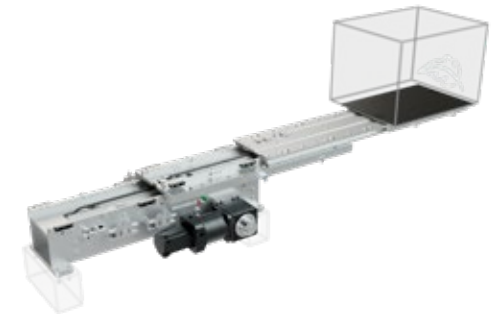
- Compact design and optimised weight
- Absolute positioning precision
- Reduced deflection value
- Speed in cycle-times
- Any application (Cold, humidity, food...)
- Fully customizable



MINILOAD S

Extremely versatile and silent in handling, the Miniload SD forks are perfect for handling small single deep stock keeping units.

Lightweight and compact, they can be customised according to the application.



MINILOAD D

Extremely versatile and silent in handling, the Miniload DD is capable of handling double deep stock keeping units with extreme speed.

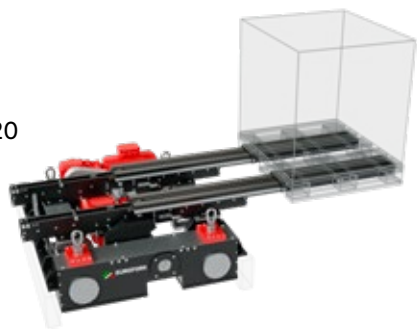
Compact and lightweight, they can be customised according to the application.

ADDITIONS

When a particular way to handle the SKU is required, telescopic forks can be equipped with special additions, designed and tailored according to the customer's needs. Every system is aimed at getting more versatile handling device systems.



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LIFT SYSTEM

In the cases in which stacker-crane is not required, it is still necessary to lift loads. Eurofork's lifting systems integrated on shuttles, AGVs, LGVs or other systems without their lifting device, allow for the release and autonomous management of the load itself. Each lift system is designed and developed based on the size of the loads to be transported.



CHAIN SYSTEM

This system is used for the centring or the variation of the position of the storage units in multi-deep. In addition, it can interface with customer loading bays. The chain system integrated allows moving the load from one fork side to the other. This system is used for heavier loads that can't be moved with belt system.



BELT SYSTEM

The belt systems integrated into the telescopic forks allow for independent load handling, optimising SKU management time. Specifically, they are used for SKY pick/place in inbound and outbound bays to significantly reduce cycle times. These systems are mainly used in Miniload projects.

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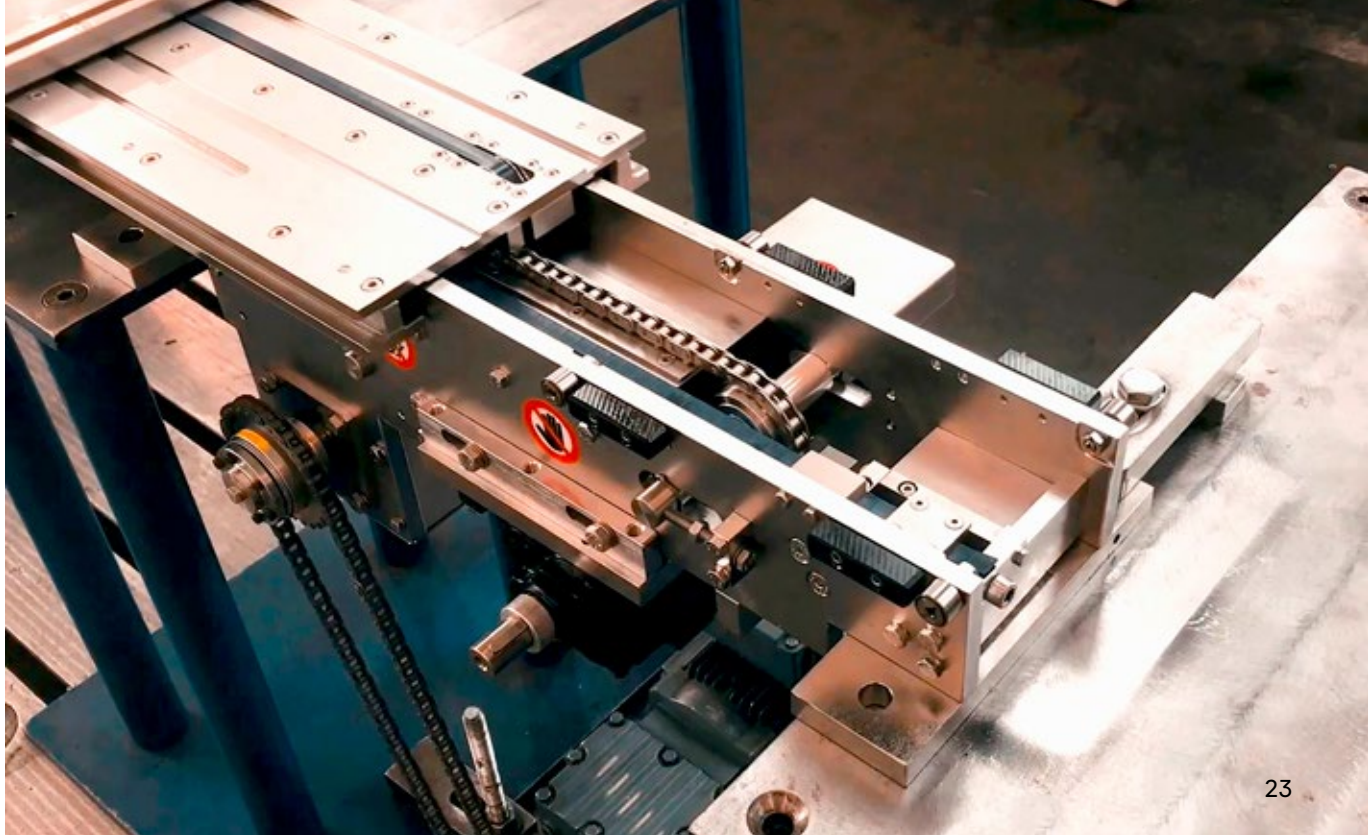
VARIABLE FORK TO FORK DISTANCE

Ideal for warehouses where it is necessary to move different types of SKU, the systems with variable fork to fork distance allow you to manage different loads width, with just one device. It also can safely handle each load. By adapting the structure of our telescopic forks, they can be integrated with a variable fork to fork distance system, thus improving system performance and flexibility.

SPECIAL APPLICATIONS

Telescopic forks for extremely humid environments and excessively low or high temperatures.

Handling of heavy loads or multiple pallets simultaneously with minimal deflections. Quadruple deep operations. These are just some of the possible applications thanks to Eurofork's know-how in the sector and R&D activity.

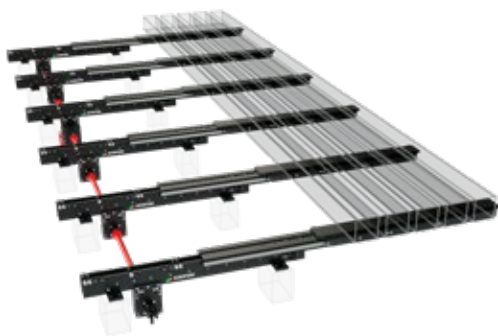


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MULTIPLE FORKS

When a couple of telescopic forks is not enough, Eurofork can combine multiple forks.

This solution can solve different issues, such as very large/heavy loads, or when several support points are required.



HIGHLIGHTS

- Reliability and sturdiness
- Modulability according to the load dimensions
- Scalability according to the unit load weight and size
- Fully customizable

SPECIAL ENVIRONMENTS

Every telescopic fork can be equipped with special materials, according to the customer's needs. Frozen or very warm conditions, wet loads or extremely humid ambients, these forks are designed to support every kind of environment.



HIGHLIGHTS

- Reliability and sturdiness
- Minimum deflection value
- Extreme environmental conditions
- Fully customizable



INTEGRATION FLEXIBILITY

integrative level of solution aligned with customer requirements



DOWNTIME RISK MITIGATION

enabled by continuous data analysis of the working conditions



PREDICTIVE MAINTENANCE

maintenance times and frequency optimized thanks to data collecting



HIGH-PERFORMANCE MONITORING

by leveraging the processing of indicators' outcome



CLOUD BIG data

simple cloud connection and no interconnections with MES - ERP to let Eurofork process data

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E-SMARTFORKS

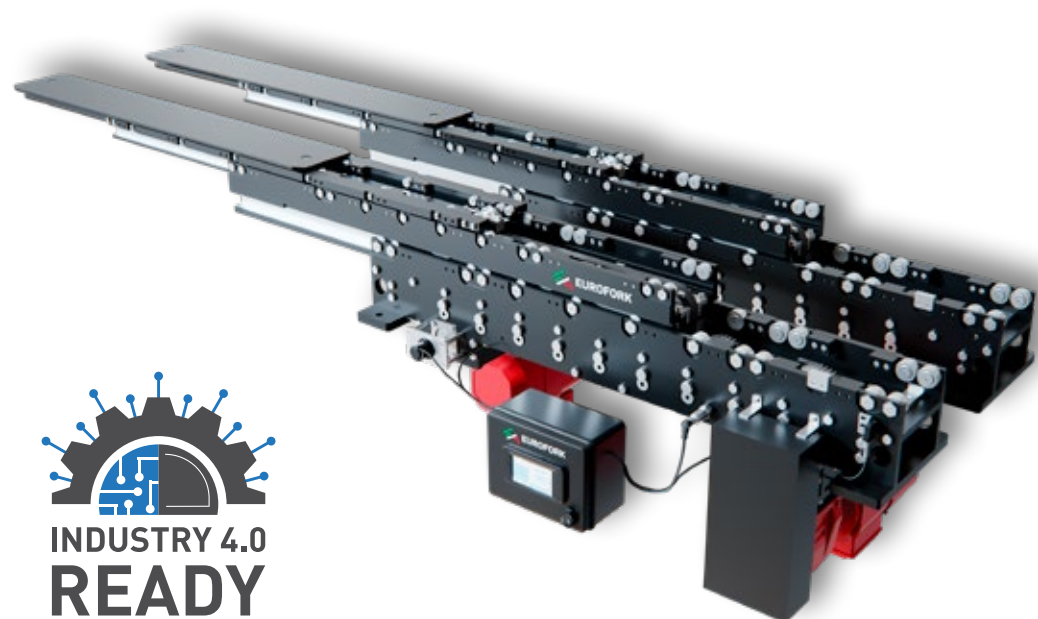
Eurofork knows well that safeguarding proper working conditions is essential to maintain high performance in your warehouse and avoiding unexpected costs.

Eurofork has combined all its know-how in the field of automatic handling and technological development applied to its 4.0 shuttle systems to create the new evolution of telescopic forks: the E-SMARTFORKS.

Thanks to IoT devices and sensors from the best worldwide brands, E-SMARTFORKS not only allow you to monitor the status of telescopic forks in real time but also to predict any problems resulting from unexpected events not related to the forks.

In addition, all data can be analyzed, stored, and processed in the cloud without any interconnection with company MES and ERP systems.

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Eurofork products are completely designed, manufactured and tested in Italy. They are installed and serviced by a network of qualified partners. Find out your local contact, videos and more information on the web page.

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