



Technologies for Picking.

WonderPick is the complete range of standard picking technologies offered by Trascar. A one-of-a-kind offering that provides the most suitable solution for your needs, putting picking operations at the heart of your work. The picking solutions proposed, created and implemented by Trascar can be installed stand-alone, or at the core of a complex and functional warehouse system.



WonderWay is a software suite combining WMS, WCS, and MMS, designed to make warehouse management complete, efficient, and always under control. It is a modular and scalable platform, capable of integrating with company systems and adapting to both traditional environments and highly automated facilities. With the **WMS** module, you optimize storage, picking, and shipping processes; with the **WCS**, you manage automated solutions in real time; with the **MMS**, you support operators in the field through mobile devices. A single suite to ensure traceability, efficiency, and high performance at every stage of logistics.



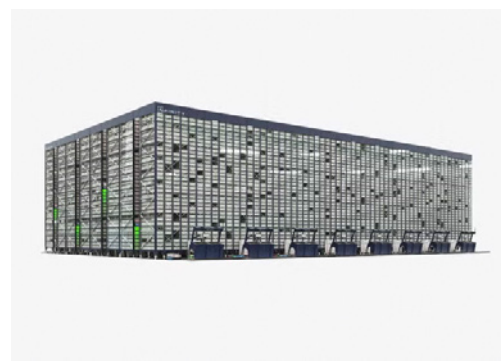


WonderPick_PERFECT

The Goods-to-Person shuttle system that revolutionizes shipment preparation work. Perfect consists of an automatic vertical buffer for boxes and/or trays, automated thanks to the use of independent wireless iBOT robots. It is the most highly performing GTP system compared to the classic multi-shuttle, miniloader and cubic storage solutions on the market. Perfect by Trascar comes in two standard models: single depth and double depth.



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WonderPick_INFINITY

All the advantages of Perfect with further technological implementation: triple-depth storage for greater storage density; INFINITY iBOTs for automatic handling of LUs even outside up to the lateral Goods-To-Person area.



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WonderPick_SURE

Ultra-compact, scalable and fully configurable, it is a universal robotic sorting system characterised by a rapid return on investment. Sure, with over 1,000 installations globally, is the ideal solution for companies looking to automate order consolidation and fulfillment across multiple industries.



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Handling of Packages Without Using Crates

WonderBox is the result of the commitment and experience of Trascar's Research and Development department, which has developed a cutting-edge solution to optimize all sorting, picking, and buffering operations.

This innovative technology enables the handling of packages without the use of boxes, supporting a wide variety of packages, including cartons of different sizes and weights, trays and auto-packs.

The WonderBox unscrambler offers a complete buffer, managing the storage of products resulting from mass picking and ensuring single-item or order-based output, respecting the sequence required for efficient and organized MCP mixed palletization.





Characteristics

WonderBox, in its standard configuration, features, depending on the customer's handling needs, two different picking devices, the T-Picker or the Carton Loader, which, when mounted on an axis, guarantee excellent performance.

- up to 12 meters in height
- up to 10 meters in length
- over 300 movements/hour



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Tailored Robotic Solutions for Every Challenge.

WonderBot is the line of AGVs, AMRs, and Anthropomorphic Robots developed by Trascar, the result of over 50 years of experience in the warehouse handling sector. Thanks to this expertise, Trascar offers a complete range of robotic solutions, capable of adapting to any operational need, bringing the most advanced technologies to your logistics.

From single machines to complex systems, Trascar can provide integrated solutions or integrate its systems into existing systems, including those built by third parties, ensuring maximum flexibility and operational efficiency.



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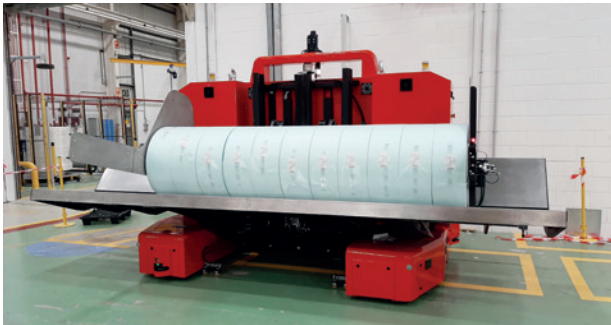


WonderBot_AMR

WonderBot_AMR is Trascar's complete range of autonomous mobile robots (AMRs), designed to maximize efficiency and flexibility in logistics flows. Thanks to intelligent navigation and the ability to dynamically adapt to the environment, WonderBot_AMRs represent the ideal solution for autonomous movement in complex and constantly evolving environments. Versatile, scalable, and easy to integrate, they are the perfect answer to the challenges of modern intralogistics. WonderBot_AMR can work from 400mm up to one meter in height



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WonderBot_AGV

WonderBot_AGV offers a complete range of autonomous guided vehicles (AGVs) developed by Trascar to revolutionize industrial logistics. Designed to adapt to any operating context, WonderBot_AGVs offer flexible, safe and highly efficient solutions, capable of responding to the most complex needs of the logistics sector. From storage to procurement, from internal transport to integration with automated systems, WonderBot_AGV is synonymous with innovation and reliability at the service of automation.



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WonderBot_ARM

WonderBot_ARM is Trascar's line of anthropomorphic robots, designed to become the beating heart of your automated logistics, thanks to picking systems (grippers and vacuum) designed in-house. Specialists in mixed palletizing, the WonderBot_ARMs also combine precision, speed and operational intelligence to efficiently manage even the most complex configurations. Thanks to their flexibility and perfect integration with existing systems, they represent the ideal solution for optimizing productivity and continuity in end-of-line processes.



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Technologies for Material Handling and Storage.

Stacker cranes and miniloaders designed for every handling and stock requirement. Discover the complete range capable of meeting all your needs for goods management, space and speed. With over 50 years of experience in the creation of automation systems, Trascar offers a standard product 100% made in Italy.



THE RANGE

The standard stacker crane and miniload solutions offered by Trascar, thanks to various gripping device options, are ideal for any type of LU and weight:

WonderStock_HeavyLoad

A complete range designed to optimize the storage and handling of:

- metal pallets and boxes (food, mechanical, large-scale retail trade, etc.)
- platforms and trays (spare parts, metalworking, etc.)
- large loads and considerable weights (wood, sheet metal, stone, ceramic, etc.)
- Up to 30 meters in height
- Up to 4 tons of load
- Operates in 3 temperatures

WonderStock_LightLoad

The complete solution that adapts perfectly to any type of handling and storage of:

- auto-packs (multiple application sectors with maximum flexibility)
- plastic and metal boxes (pharmaceutical, food&beverage, automotive, etc.)
- cartons (e-commerce, fashion, cosmetics, small parts, etc.)

THE NUMBERS OF THE COMPLETE RANGE

- +500 movements per hour
- Operates in 3 temperatures



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LOAD HANDLING DEVICES	LOAD UNIT
TOTES	TELESCOPIC FORK WITH BELTS
TOTES	CARTON LOADER WITH BELTS
CARTON BOXES	TELESCOPIC FORK WITH BELTS
CARTON BOXES	CARTON LOADER WITH BELTS
PALLET	TWO TELESCOPIC FORKS
TWO PALLETS	DOUBLE PAIR OF TELESCOPIC FORKS
PALLET	SHUTTLE
TWO PALLETS	TWO SHUTTLES
TRAYS	DRAGGING SYSTEM
PANELS STACK	MULTIPLE TELESCOPIC FORKS
LONG GOODS	DRAGGING SYSTEM



The All-in-One Software for Warehouse Logistics.

WonderWay is Trascar's software suite designed to comprehensively and efficiently manage every aspect of warehouse logistics, both in traditional environments and in highly automated facilities. A scalable and customizable platform, natively designed to integrate with your corporate IT ecosystem.



MODULES

WonderWay_WMS (Warehouse Management System)

Manages and optimizes all warehouse operations: from receiving to storage, from picking to shipping. It enables real-time inventory monitoring, improves process efficiency, ensures full product traceability, and integrates logistics workflows with other enterprise systems.

WonderWay_WCS (Warehouse Control System)

Provides real-time management of automated material handling systems in the warehouse (stacker cranes, conveyors, robots, AMR, AGV etc.). It translates WMS orders into operational commands, coordinates different devices, optimizes workflows, and continuously monitors operations, ensuring efficiency and timeliness in goods handling.

WonderWay_MMS (Mobile Management System)

Through Android mobile devices (handheld or tablet), it supports operators in managing all operational phases within non-automated warehouses. It guides and tracks daily activities (receiving, storage, picking, inventory, and shipping), providing real-time instructions and ensuring accuracy, speed, and maximum workforce performance without the need for automated systems.



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KEY BENEFITS OF THE SUITE

- Higher operational efficiency
- Reduced errors in manual operations
- Complete, real-time goods traceability
- Seamless integration with ERP and leading management software
- Scalable over time: it grows with your business
- Advanced customization tailored to your needs

WHY CHOOSE WonderWay

● Total Adaptability

Handles warehouses in any sector and automation level, from conventional facilities to fully automated plants

● Operational Efficiency

Optimizes storage, handling, and shipping through intelligent logics that accelerate processes and minimize errors.

● Field Control

The mobile app allows operators to record and track every activity directly from a handheld or tablet.

● Integrated Automation Management

With the WonderWay_WCS module, you achieve fully synchronized and uninterrupted material handling.

● Real-Time Business Intelligence

KPI, reports, and analytics always available to monitor and improve performance.

WonderWay is the digital core of Trascar's logistics.



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Assistance and maintenance for uncompromising reliability.

A broad portfolio of reliable services, individually selected based on your needs and performed by our qualified technicians with the primary goal of increasing reliability, eliminating downtime, and ensuring your success, whether it's responsive service in an emergency or preventative measures to avoid the risk of unexpected downtime.



TRASCAR PROVIDES CUSTOMIZED SOLUTIONS TO MEET EVERY REQUEST:

- spare parts
- periodic inspection and maintenance
- support on site
- 24/7 helpdesk and remote software assistance
- training
- revamping and upgrade system
- management
- predictive maintenance
- energy efficiency improvement



OUR SERVICE PROGRAMS IN DETAIL

Periodic inspection and maintenance

These services include periodic inspection and maintenance of all mechanical, electrical and software functions, including, if necessary, the replacement of parts subject to wear, to safeguard service, maintain high levels of performance, plant productivity and safety. Mechanical, electrical, stacking, and lifeline maintenance are performed by our staff in compliance with certified maintenance documents.

On-site assistance

A team of specialized technicians also provides on-site assistance to carry out repairs or replace spare parts. Reliability and the use of qualified personnel are the winning features of this service.

24/7 Helpdesk and remote sw support

Our dedicated in-house team is available 24/7 with various support options, to answer your calls and provide the necessary assistance in real time (even by connecting to the system remotely), thus eliminating travel time for operators assigned to the intervention and restoring the systems to full operation in a very short time.

Training

To ensure your staff is always up to date, Trascar offers a full range of training courses, both on-site and at our headquarters. Our experienced and highly qualified technicians can visit your company to pass on their comprehensive know-how for the correct use and maintenance of your systems.

Revamping and system upgrade

By revamping or upgrading your system, you can extend its useful life, bring it up to current regulatory standards, and reduce energy consumption, thereby increasing performance and quality.

Operation

Trascar technicians can conduct analyses aimed at the professional evaluation and documentation of your production processes, translating the results into appropriate improvement measures; they can also support you in the technical and operational management of all our installed systems. The operator, assisted and trained during the installation phase, can be responsible for managing the entire system during operation at the customer's premises.



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Automation for the textile industry.

Wonder_Textile is Trascar's business unit entirely dedicated to automation for the textile industry, today recognized worldwide as a point of reference for innovation and efficiency. Founded in 2013 from the acquisition of U.T.I.T., a historic leader in the sector, Wonder_Textile represents the perfect synthesis of specialized know-how and technological capability.



Trascar, with Wonder_Textile, offers cutting-edge solutions for every phase of textile production: from spool and bobbin transport to palletization, from packaging to the creation of complete automated warehouses, guaranteeing quality, reliability, and performance on a global scale.



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The complete solution

- travelling cleaner, bobbin cleaner, bobbin transport
- controllo produzione
- packages transport, palletizers, bagging, boxing
- pallet transport, conditioning, wrapping, weighing, labelling
- sliver cans transport
- monitoring WMS
- futureproof warehouse



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