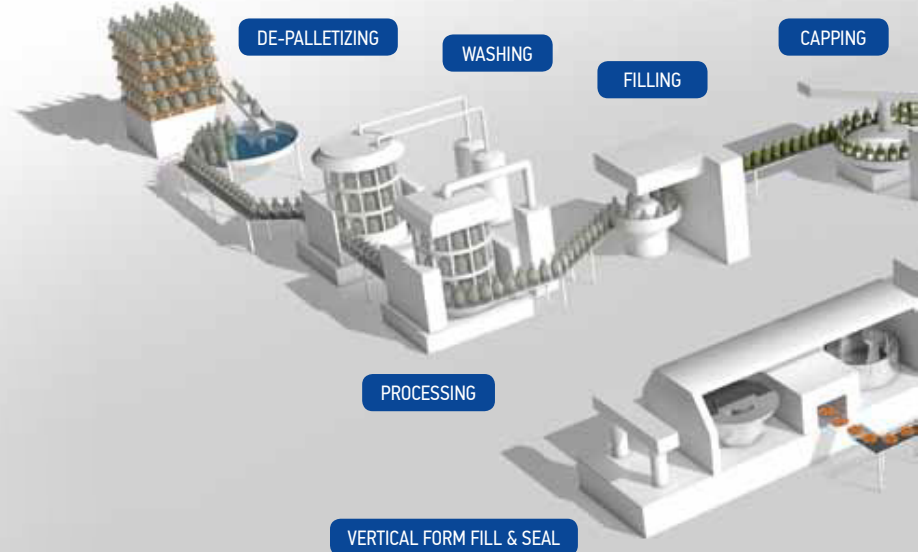




**TRACEABILITY**

# MANUFACTURING FLOOR

Traceability across every aspect of the manufacturing line is easier and more reliable with Datalogic identification devices, vision systems and sensors. Datalogic technology detects object presence, safeguards workers with light curtains, assures product quality with vision sensors, and identifies items using laser marking. Process and product traceability are assured by fixed industrial and handheld bar code readers, scanners, and mobile computers that track items through the manufacturing process and on to distribution.



## Detection with IO-LINK

Fast machinery with limited space rely on Datalogic smart cameras and miniature sensors coupled with the IO-Link master device, available for Profinet and Ethernet-IP field bus connection, that will enable the S5N sensor and all the future Datalogic smart sensors to be connected from the machine to the cloud.



## Safety

Operator safety is guaranteed by light curtains which also allow the access of material through a muting function.



## Traceability

Throughout production Datalogic industrial handheld scanners, smart cameras, and fixed readers track items to guarantee integrity, user safety, and efficient management of recalls.



## Mark & Read

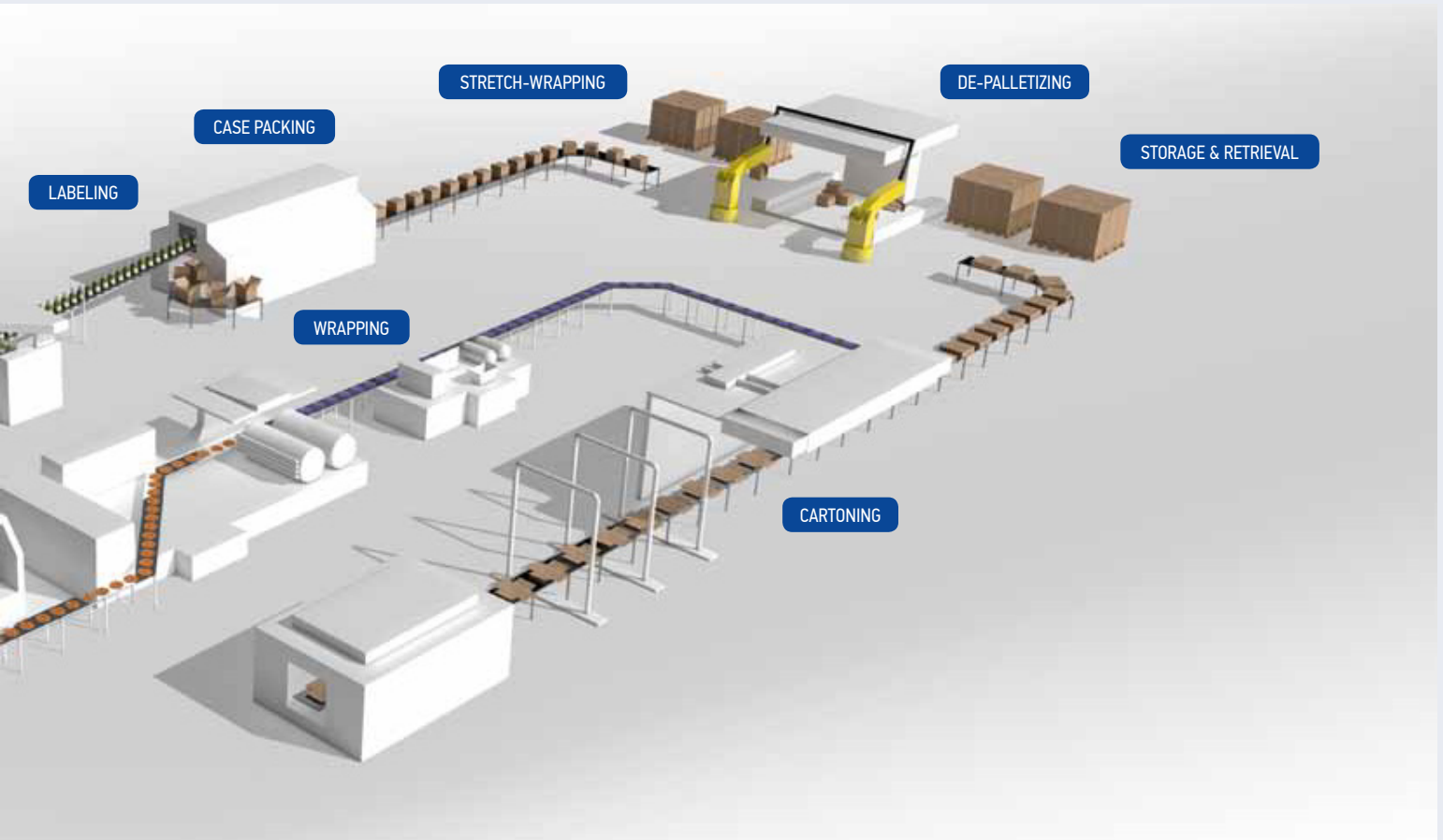
Direct Part Marking (DPM) with laser marking systems etch bar codes directly on parts. Datalogic vision systems and handheld and fixed scanners are used to then verify and trace DPM code/ text.



## Robot Guidance

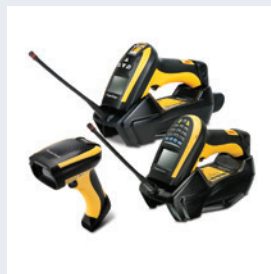
Robot and laser guidance is delivered by Datalogic machine vision systems and cameras to maximize accuracy and safety in automated production.

# Traceability Across Every Stage of the Manufacturing Line



## Verification and Inspections

Vision systems are used to ensure that labels are inspected to make sure they are in the proper position and orientation as well as include the correct bar code type and readable data.



## Manual Scanning

Datalogic industrial handheld scanners are used to manually induct products and packages into an automatic warehousing system.



## Label Verification

Automatic application of bar code labels are verified by Datalogic sensors and readers to check data consistency and quality standards.



## Safety Area Scanners

Datalogic solutions for safety deliver access, control and operator protection in robotic work cells through safety light curtains.



## Detection and Measurement

The S85 LASER distance sensor is for precise measurement with one millimeter of resolution and repeatability through the Time of Flight technology.

# INTRALOGISTICS



## Inventory Management

Datalogic handheld mobile computers help keep warehouse inventory accurate while making shipping and receiving processes more efficient and intuitive for workers.



## Automated Guided Vehicles

Laser scanner avoids any collision by slowing down or stopping the vehicle in presence of operators or obstacles.



## Long Range Scanning

In warehouse operations, workers need to have long range scanning solutions that can capture, track and report the picked parts in real time through rugged and ergonomic mobile computers.



## Warehouse Management

A wide array of solutions from Datalogic including handheld scanners, smart cameras, fixed readers and mobile computers deliver error-free warehouse operations processing.



## Forklift Solution

Far distance 1D and 2D barcode scanning is enabled by Powerscan AR handheld readers. Combined with SD9030 dongle and Rhino II vehicle mount computer, it represents a complete solution for forklifts.



### MATRIX 120™

An ultra-compact industrial 2D imager, the Matrix 120™ leads the market for top industrial grade in its class as well as customer ease of use. It is the smallest 2D imager on the market with embedded Ethernet connectivity and fits any integration space.



### MATRIX 220™

The Matrix 220™ imager is the most compact image-based bar code reader capable of providing top performance with the highest flexibility. This imager is the ideal solution for Electronics, Automotive, Packaging and document handling.



### MATRIX 300N™ & MATRIX 300N 2MP™

The Matrix 300N™ family is enriched by a large variety of optical models, including a new 2MP sensor, liquid lens, and new 10 LEDs high-power illuminator, making these imager based readers ideal for automated applications.



### LASER SENTINEL™

The flexible solution for safe area protection for static and moving applications, in both horizontal and vertical applications. Targeting a large variety of applications in automation and intralogistics with a safe area zone of 5.5m. and provides a safe stop signal when a person is detected in the area. Two warning zones up to 40m along with three levels of dust filters for use in harsh environments.



### AREX 400

AREX400 is the top performance family of laser markers based on Fiber Laser Technology, dedicated to industrial Direct Part Marking (DPM) application. AREX400 offer IP64 environmental resistance on the marking head, native communication protocols, quiet operations and embedded Safe Laser Off (SLO).



### THE P-SERIES

This vision system is an ultra-compact cost effective smart camera offering advanced functionalities in a fully embedded stand-alone device. The P-Series is available with grayscale or color image sensors with two different resolutions: VGA and 1.3MP.



### POWERSCAN 9500 SERIES

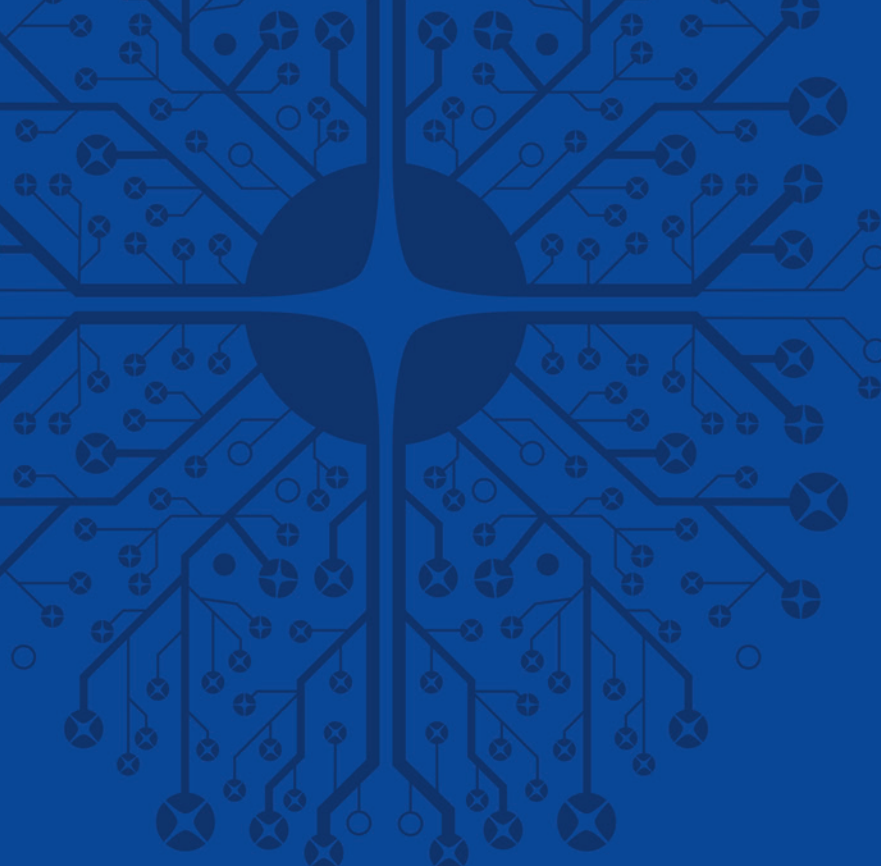
A ruggedized reader with both corded and cordless models that is suitable for demanding 1D & 2D code applications. Two display options—4-key and a full 16-key board—allow for increased interaction between the host and the user allowing a two-way exchange of information for more reliable and effective communications.



### MEMOR 10

The superior full-touch PDA incorporates the latest smartphone technologies and the user friendly experience of Android™ in a slim and compact design. High performance 1D/2D bar code scanning and industrial robustness make this the ideal device for almost any indoor or outdoor environment.





## ABOUT DATALOGIC

Datalogic is a global leader in the automatic data capture and process automation markets, specialized in the design and production of bar code readers, industrial safety devices, sensors for detection and measurement, vision systems, laser markers, mobile computers, and RFID solutions. Datalogic helps to increase the efficiency and quality of processes in the Retail, Manufacturing, Transportation & Logistics and Healthcare industries, along the entire value chain.

Global Leaders in Retail, Manufacturing, T&L and Healthcare industries rely on Datalogic, benefiting from the innovative products and high customer service that Datalogic has been offering for 47 years. Today, Datalogic Group, headquartered in Bologna (Italy), employs approximately 3,200 staff worldwide, distributed in 28 countries, with

manufacturing and repair facilities in the USA, Brazil, Italy, Slovakia, Hungary, Vietnam, China and Australia. In 2018 Datalogic had a turnover of 631 million Euros and invested over 61,9 million Euros in Research & Development, with an asset of more than 1,200 patents in multiple jurisdictions.

Datalogic S.p.A. is listed in the STAR segment of the Italian Stock Exchange since 2001 as DAL.MI.

More information about Datalogic at [www.datalogic.com](http://www.datalogic.com).

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