

Product Inspection



Advanced Product Inspection Solutions Supporting System Suppliers and Integrators

METTLER **TOLEDO**

Enhanced Solutions

Providing Additional Customer Value

The inclusion of product inspection systems and technology into modern processing and packaging lines is often a prerequisite to meet industry standards and regulations. In many cases, there are opportunities for line and system integrators to incorporate advanced inspection technologies in offered solutions to provide additional value for advanced end users.

METTLER TOLEDO as the market leader of advanced product inspection solutions supports packaging line and system integrators through the provision of advanced product inspection solutions. Working with us ensures your customers benefit from the expertise of your own team combined with the industry knowledge our engineers bring to the project.

Whether it's a small, critical component to integrate into your own equipment, a discrete inspection unit in a multi-stage production process or a fully integrated multi-function process or packaging line, we are able to give input and support the project.

Applying Industry Knowledge



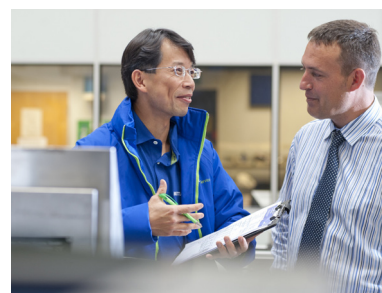
Our engineers have acquired significant industry knowledge and expertise over many years in a broad range of industries. We can support you at each stage of the project from first consultation through the quotation phase and on to installation and after sales support. We also adapt our components to fit into and/or upgrade existing packaging lines.

Supporting Compliance Needs

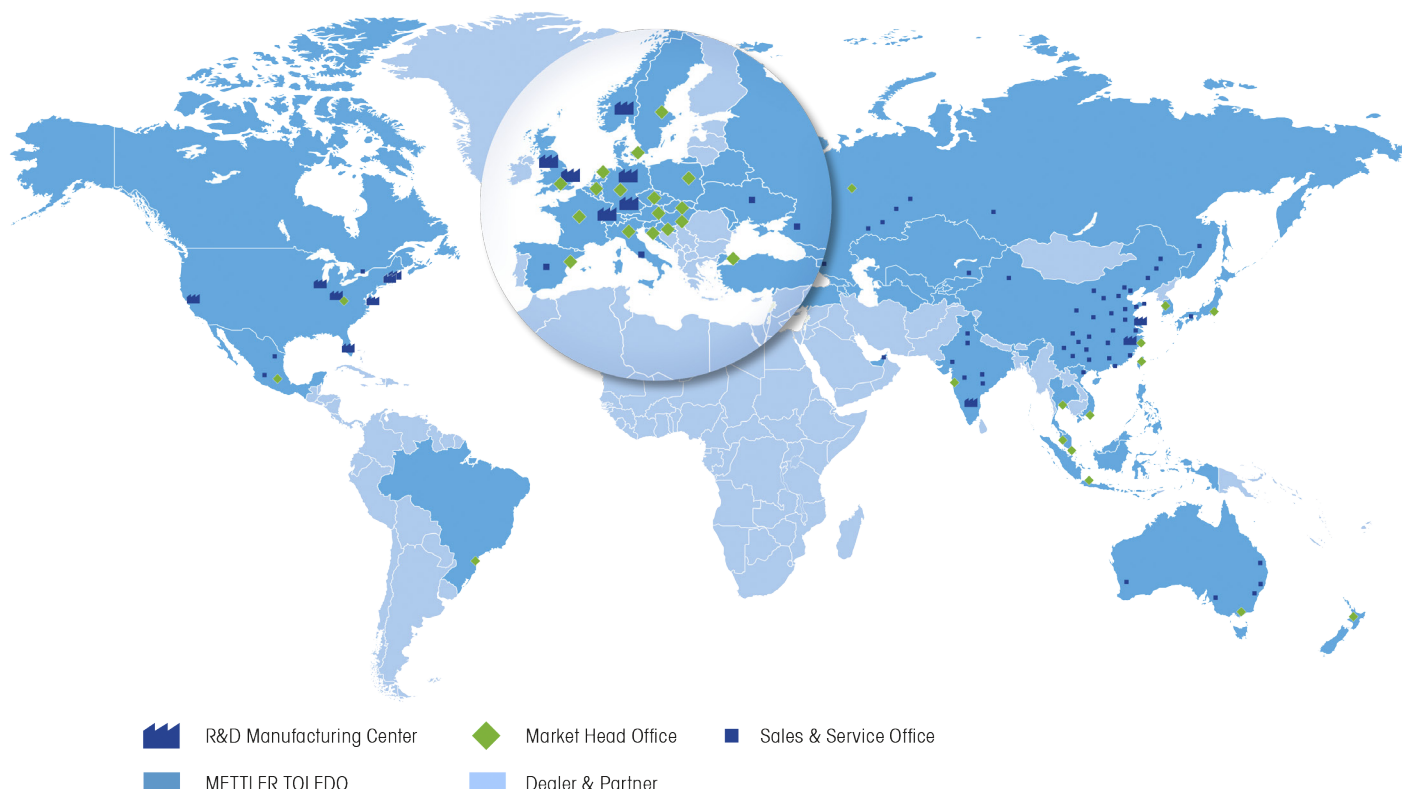


Our product portfolio conforms to local and global industrial standards, regulations and legislation. – For many years we have worked closely with industry bodies and regulation institutes, such as IFS, BRC and OIMC to fully understand their requirements. Working with us provides the assurance that your solutions will meet with the needs of external bodies now and into the future.

Multiple Inspection Technologies



Our modular solutions and concepts include highly accurate checkweighing technology to ensure correct contents. Our metal detection and x-ray inspection systems have the capacity to detect the smallest contaminants while ensuring package integrity. Finally, our advanced vision systems are able to carry out label inspection and conduct further package integrity checks along with providing serialization and track & trace solutions.



Full Support Throughout the World

We realize your solutions could be installed almost anywhere in the world and you need the reassurance that someone will be there if support is needed. Our network of specialists around the world are on call to ensure your customers enjoy maximum system uptime.

Our 3,600 highly qualified technicians in 39 countries are available to help with installation support, user training, ongoing and preventative maintenance and after-sales support regardless of the location of the final installation.

Data Integration, Connectivity and Equipment Control

Advanced data management systems such as ProdX™ or statistical quality control systems like FreeWeigh.Net™ will help your customers to gain more insight into production processes and to document results and statistics.

Our software systems can help avoid costly giveaway, optimize resources, and record test routines to meet compliance needs. Moreover, operators can centrally control all product inspection equipment and generate the necessary documentation required for audits and certifications. Our connectivity solutions make use of the most frequently used data interfaces and protocols, such as OPC DA/UA. It's possible to emulate our PI solutions to a remote device. You can view any setting changes that have been made, review access log statistics without having to be directly in front of the machine and even control our PI solutions from the remote device.



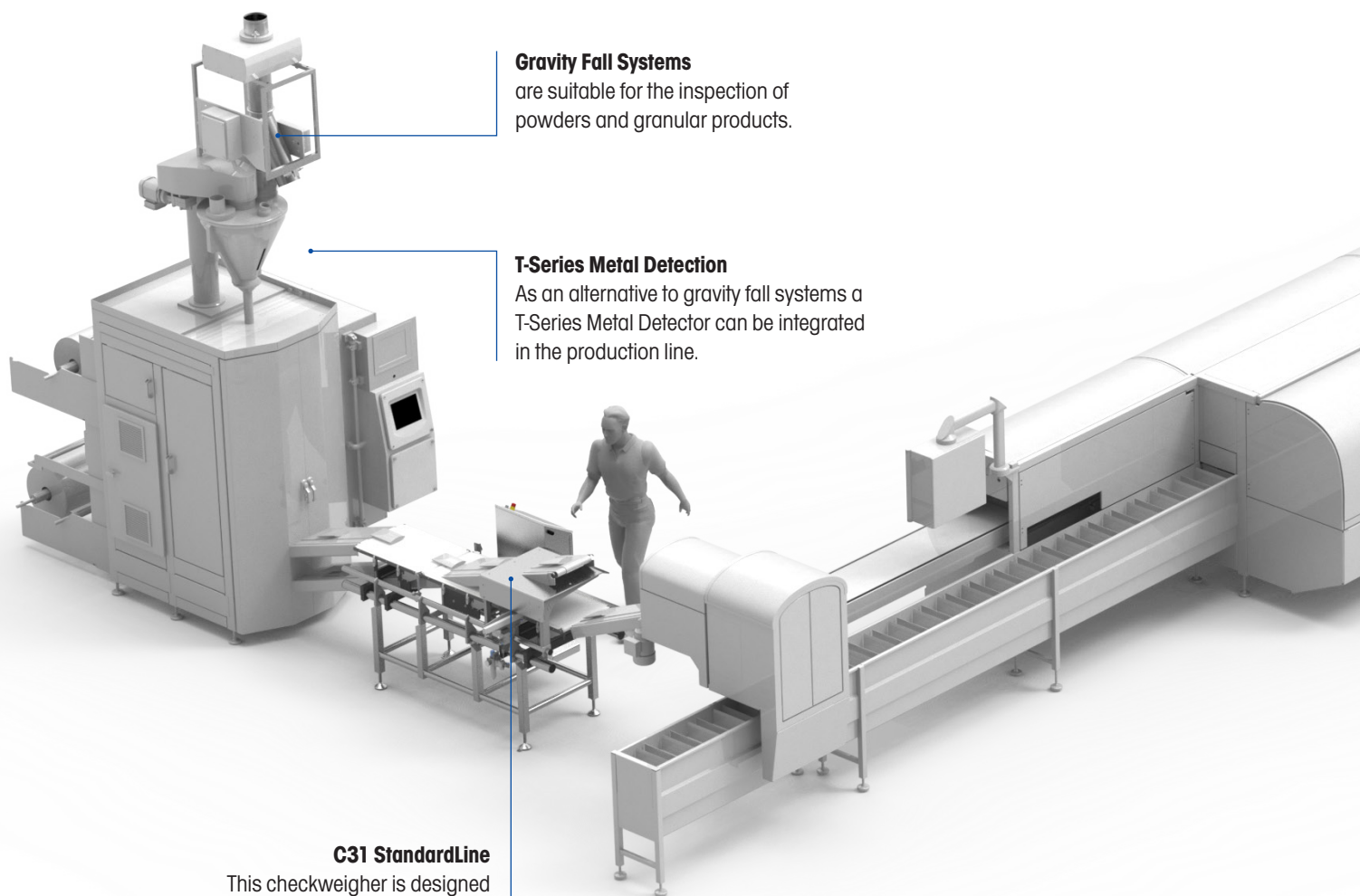
Complete Solutions

Food Production Lines

We are familiar with the sensitive local and global regulatory and compliance requirements of food production and provide complete solutions for every requirement.

Our systems provide product inspection solutions for the processing and packaging of wet, dry, fresh and frozen food in all sectors. Food producers can profit from a range of benefits when working together with METTLER TOLEDO:

- Compliance with hygiene regulations
- Conformance with all standards and regulations
- Space-saving, compact combination systems
- Handling of different packaging formats



Gravity Fall Systems

are suitable for the inspection of powders and granular products.

T-Series Metal Detection

As an alternative to gravity fall systems a T-Series Metal Detector can be integrated in the production line.

C31 StandardLine

This checkweigher is designed for endurance and maximum reliability in wet, dry and harsh working environments.

V2630 Vision Inspection

A compact, fully modular system for the inspection of labels and package integrity.

X36 X-ray Inspection System

A quality assurance system ideal for detecting a range of contaminants in small, medium and large sized packaged food products, besides product integrity check and seal inspection.

C23 PlusLine

Checkweigher with dependable accuracy and robust performance for heavy loads.

CM35 AdvancedLine Combination System

C-series checkweighers combined with advanced Safeline metal detector systems.

Typical inspection solutions for a food processing and packing line



Complete Solutions

Pharmaceutical Production Lines

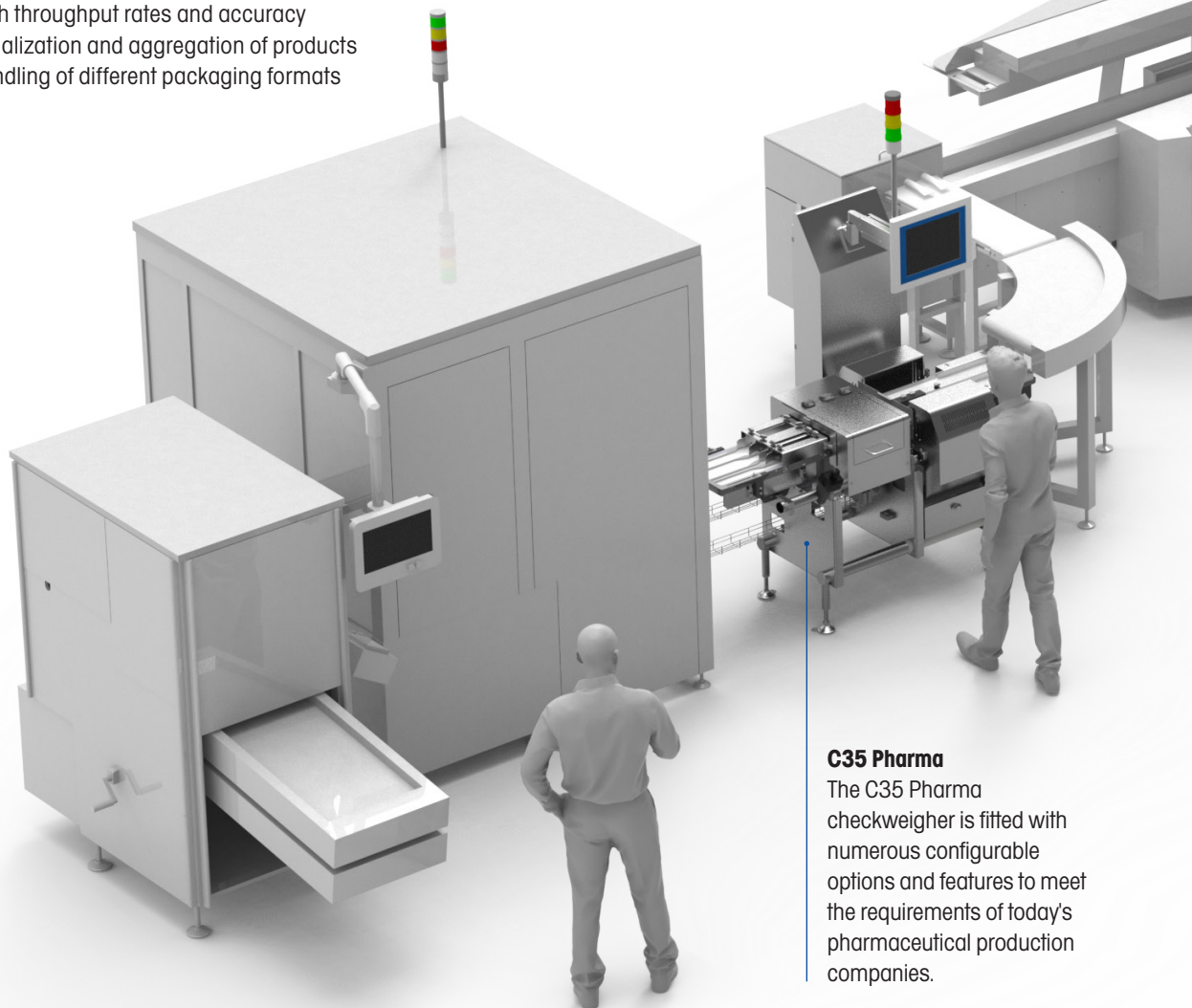
Local and global requirements are influencing the production of pharmaceuticals. Our solutions ensure compliance, and our experts consult you in order to find the right solutions for your project.

From in-process to end-of-line applications, we can help you and your customers achieve the highest product quality and integrity, with the efficient and safe removal of contaminated, underweight or overweight, incomplete or damaged products. We ensure that your customers fulfill all regulatory requirements for Track & Trace with state-of-the-art hardware and software solutions. Whether your serialization process is manual or fully automated across multiple production lines, METTLER-TOLEDO PCE has the systems necessary to implement a successful program.

Additionally, our systems are built to accommodate your packages and make the aggregation process simple. Aggregation can be accomplished regardless of package shape or size.

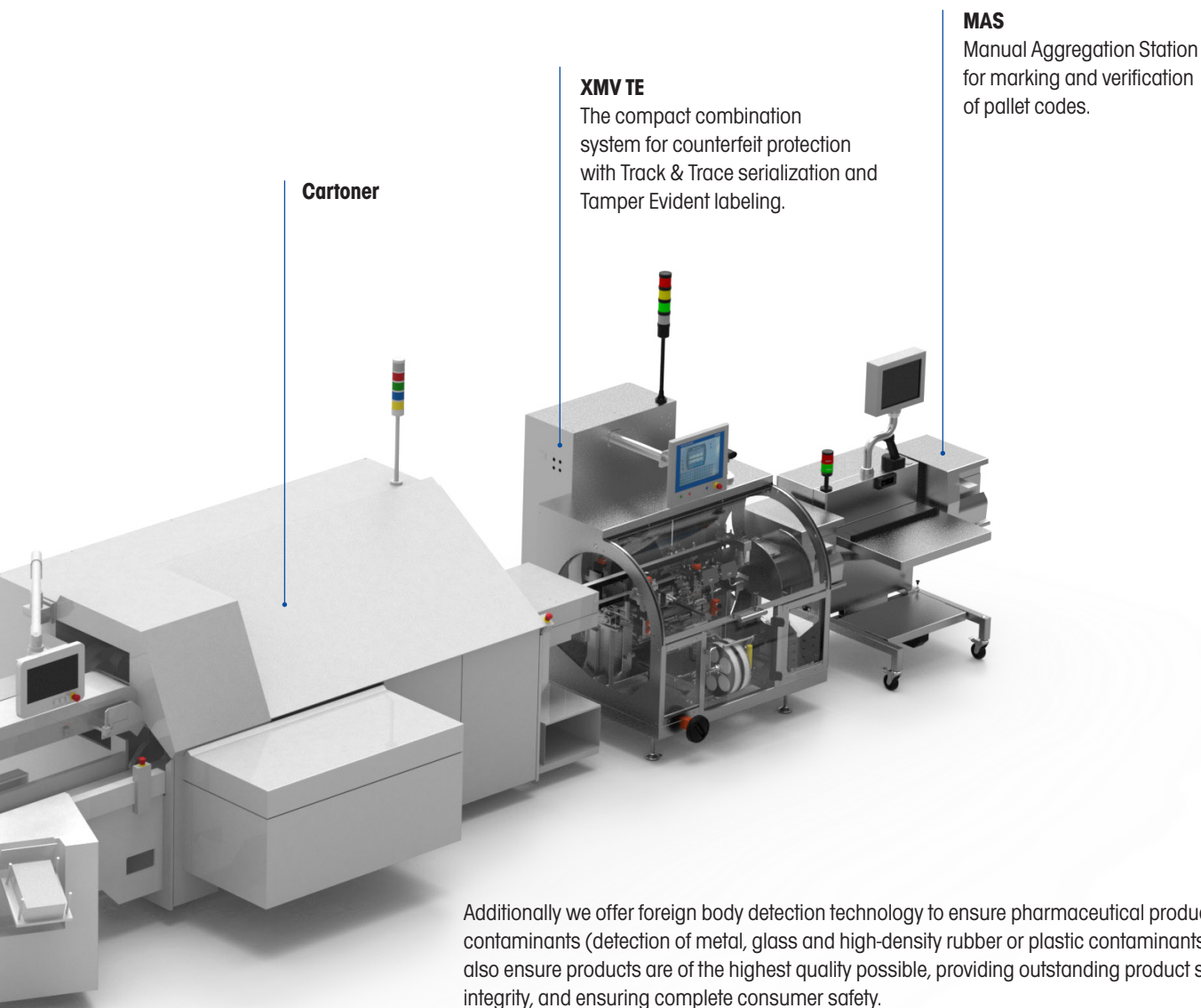
Working together with METTLER TOLEDO provides these benefits for pharmaceutical producers:

- Conformance with FDA and other pharmaceutical industry regulations and legislation
- High throughput rates and accuracy
- Serialization and aggregation of products
- Handling of different packaging formats



C35 Pharma

The C35 Pharma checkweigher is fitted with numerous configurable options and features to meet the requirements of today's pharmaceutical production companies.



Metal Detection systems ensure the effective inspection of tablets, capsules, fine powders and granules, removing unwanted metal contaminants. X-ray and vision inspection systems are able to identify missing pills in blisters. In addition, all visible product defects can be detected with camera solutions. Our offering is further enhanced by innovative serialization capabilities that are the cornerstone for all Track & Trace and anti-counterfeit programs.

As an alternative to using a XMV TE in combination with a C35 Pharma, METTLER TOLEDO offers the latest XS2 MV TE that combines ink jet printing and camera verification with highly accurate in-motion weighing and tamper-evident sealing to ensure global traceability and to assist fraud protection.

Solutions are also suitable for the inspection of nutraceutical products.

Typical products for pharma production lines



Multiple Inspection Technologies

One Inspection Partner

The METTLER TOLEDO Product Inspection Division is able to provide solutions for OEM and system integrators using four inspection technologies. We are also able to support data collection through our dedicated product inspection proprietary software ProdX.



Checkweighing

Standard and highly customized checkweigher systems are built to suit your specific applications and environment, as well as the regulatory and industry requirements.



Metal Detection

METTLER TOLEDO Safeline is a market leader offering metal detection solutions to ensure maximum detection sensitivity with minimum false rejects.



X-ray Inspection

Safeline x-ray inspection systems offer safety and quality assurance at every stage of the production process for raw, bulk-flow (loose), pumped and packaged products.



Vision Inspection

Vision inspection solutions are easily integrated into existing production lines, examining containers, closures, labels and coding, to help manufacturers to achieve highest levels of accuracy, safety and compliance, every time.



ProdX

ProdX™ production data management software provides seamless integration of product inspection devices making processes more streamlined, more accessible and more efficient.

www.mt.com

METTLER TOLEDO Group

Product Inspection Division

Local contact: www.mt.com/contacts

Subject to technical changes

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