

Pharma Technology: A Trusted Global Leader in Pharmaceutical Process Equipment



Since 1993, Pharma Technology has been a pioneer in the pharmaceutical industry, specializing in advanced process equipment, including dedusting/polishing systems, metal detection, in-process control (weight, thickness, diameter, and hardness), external lubrication devices, and sorting systems.

Thanks to close and long-standing partnerships with customers, Pharma Technology has developed comprehensive tablet and capsule handling solutions tailored to the specific needs of OSD pharmaceutical companies.

In 2021, Pharma Technology enhanced its portfolio by acquiring Q-Control, introducing a new range of innovative equipment designed to simplify Process Analytical Technology (PAT) and enable Real-Time Decision (RTD) making through advanced technology.

Any machine, equipment, or service provided by Pharma Technology is accompanied by engineering and maintenance support to ensure seamless factory integration and sustained performance.

Find out more: <https://pharmatec.be/>

(please use this link

https://pharmatec.be/?utm_source=gotapack&utm_medium=PTpage&utm_campaign=WEB-gotapack)

Dedusters


Pharma Technology dedusters feature a next-generation segmented, modular spiral molded from durable Tritan Copolyester. Each segment is individually removable, ensuring easy dismantling, cleaning, and validation. The material offers high robustness and full transparency.

The transparent segments provide clear visibility of the tablets throughout the process, while the modular design allows for adjustable height gain. Additional segments can be added in increments of five to extend the shaft and increase the machine's height. Five conveying height options are available, ranging from 500 mm to 1500 mm.


For specific applications, dedusters are also available in stainless steel.




Polishers

	<p>The polisher frames are modular units designed for customization based on customer requirements. Each frame comes pre-equipped to integrate various additional options, such as diverters, sampling systems, test sample inserters, auto-check mechanisms, IPC testers, as well as features for containment, high containment, and washability.</p>
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External lubrication

<p>The iSpray is an innovative punch face and die wall lubrication system that sprays precise amounts of dry lubricant onto tablets, addressing issues like capping, sticking, high ejection force, chemical incompatibility, and poor dissolution.</p> <p>It minimizes lubricant usage by vacuuming excess directly at the nozzle, ensuring a clean production environment. This allows for reduced or even eliminated lubricant in the blend for new formulations.</p> <p>The applied lubricant is accurately measurable and remains below the threshold for ingredient listing.</p>	
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Tablet sorting

	<p>The iSort enhances packaging efficiency by sorting out broken, twin, or capped tablets before they reach the feeding system. Positioned upstream of blistering or bottling machines, it automatically removes undersized tablets and fragments, preventing jams and costly downtime. It can also integrate with the iLift bucket elevator to transfer products to the packaging line hopper.</p>
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Quality Control

The CUB-X is a versatile tablet inspection system for OSD development, IPC analysis, and full batch sorting. Using advanced spectroscopy and laser technologies, it enables high-speed, non-destructive measurement of thickness, API mass fraction, and moisture. Its integrated 4P tester also measures mass, hardness, and diameter, ensuring real-time monitoring of content uniformity and porosity.

