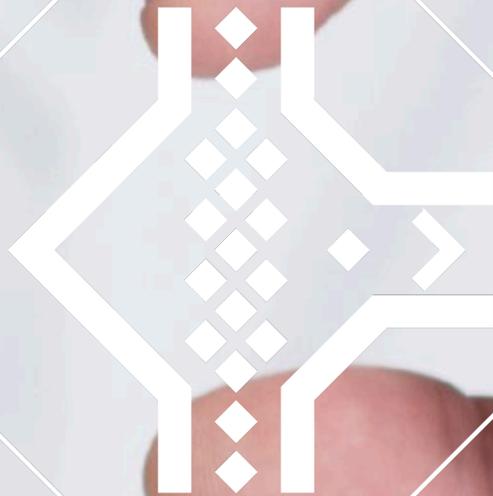


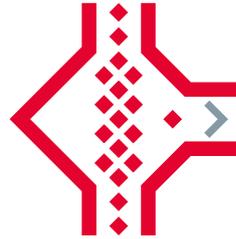
SAMPLING



HECHT – We care.

As your reliable partner for secure bulk material handling, our family business stands for tailor-made and efficient solutions.





Correct sampling for every purpose

Ensuring a continuous product quality is a key issue in many industries. Quality must be guaranteed not only for food and medicines, but also in companies whose employees deal with toxic or explosive substances.

Regular sampling and product analysis are essential to detect and react to quality deviations immediately. Samples must be taken at exactly the right place, in the right quantity and at the right time.

HECHT samplers offer simple handling and can be easily integrated into your process. All samplers are robust constructions designed for industrial use. Easy to dismantle versions allow a comprehensive cleaning. System integrated versions for the most diverse places and the comprehensive adjustability of the systems ensure the best userfriendliness and process reliability.

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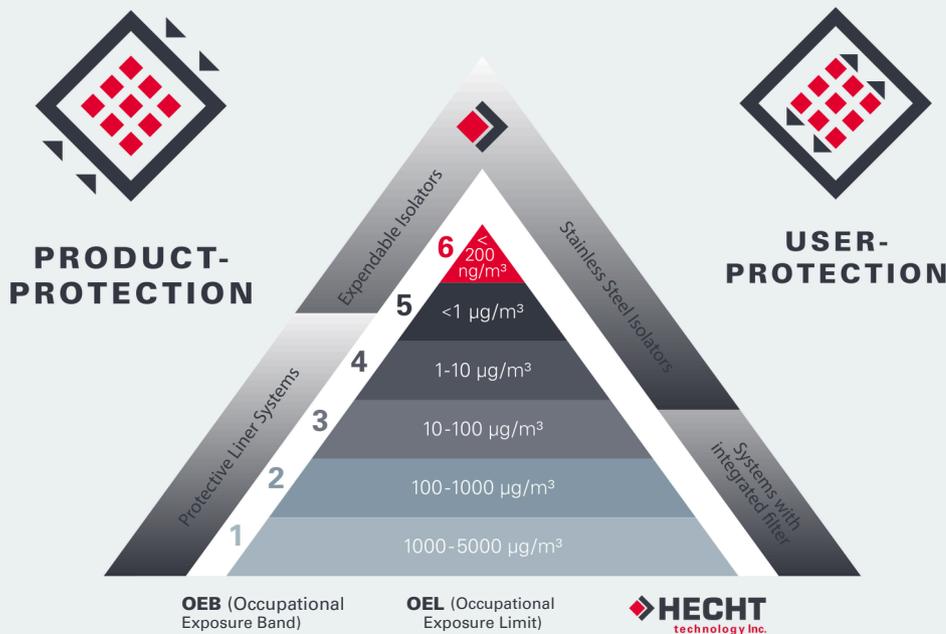
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Containment during sampling

Particularly during sampling active substances, it is important to plan the sample handling accurately, because the process system has inevitably to be opened. Besides the choice of the sampling system the right choice of the sampling bin is particularly important, because you have another opened interface. For this issue HECHT offers a huge range of systems and bins.



WIP or CIP systems available



Safe Handling



Protects the operator and the product



Various systems with numerous options



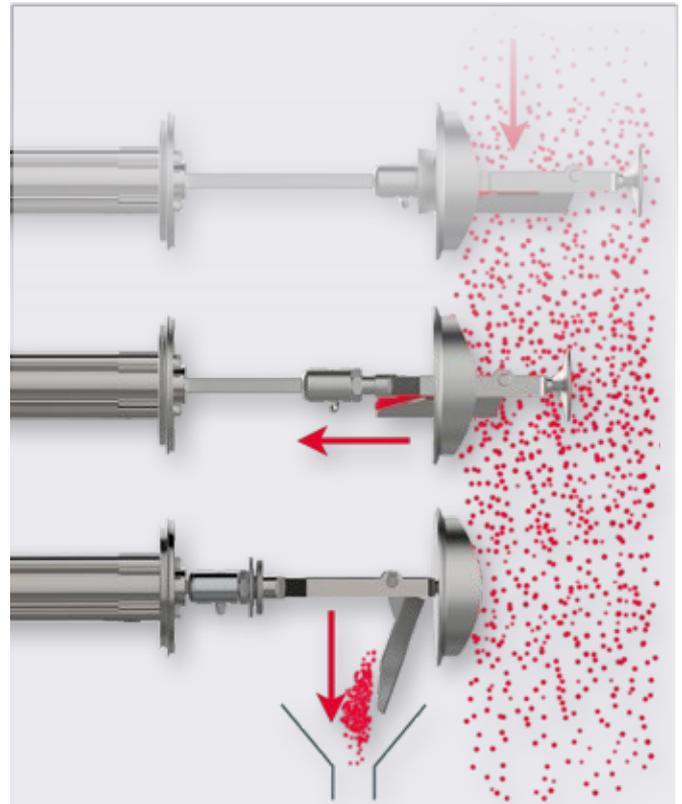
Innovativ and proven concepts

The classification according to OEB (Occupational Exposure Band) considers the toxicity of the pure substance. As a rule of thumb it can be said that the more toxic the substance, the higher the classification. As a reliable partner, HECHT is always available to answer all your classification questions.

Slide Sampler

The slide sampler is our latest development in the field of samplers. It was especially designed to meet the high quality and accuracy requirements of the pharmaceutical, chemical and food industry. Due to the stable mechanics and the efficient mechanism the sampler is the first choice when it comes to cost efficiency.

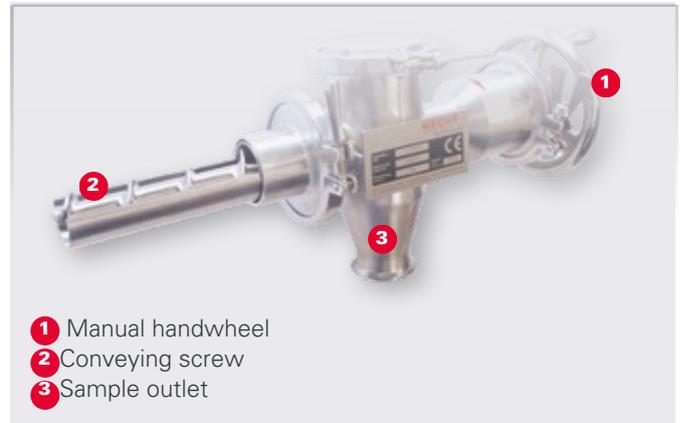
- W No mechanical parts in the product flow between two sample times
- W Due to different sizes of slides and sampling times you can adjust the sampling amount
- W Manually or automatically driven samplers
- W Can also be used for sticky products



Screw Sampler

Whether for installation in silos or in downpipes – the screw sampler is the ideal solution for a representative sampling of any kind of bulk material. A preinstalled selfcleaning function guarantees the validity of the samples. Depending on our customers' requirements, we offer various connections for matching sample vessels as well as different sealing valves.

- W Different diameters and length for screw samplers available
- W Sample quantity, running and rest times are freely adjustable
- W Automatically driven or manually by use of a hand wheel
- W Quick dismantling versions available for easy cleaning
- W Various sealing and mounting systems
- W Can be installed horizontally in silos or downpipes



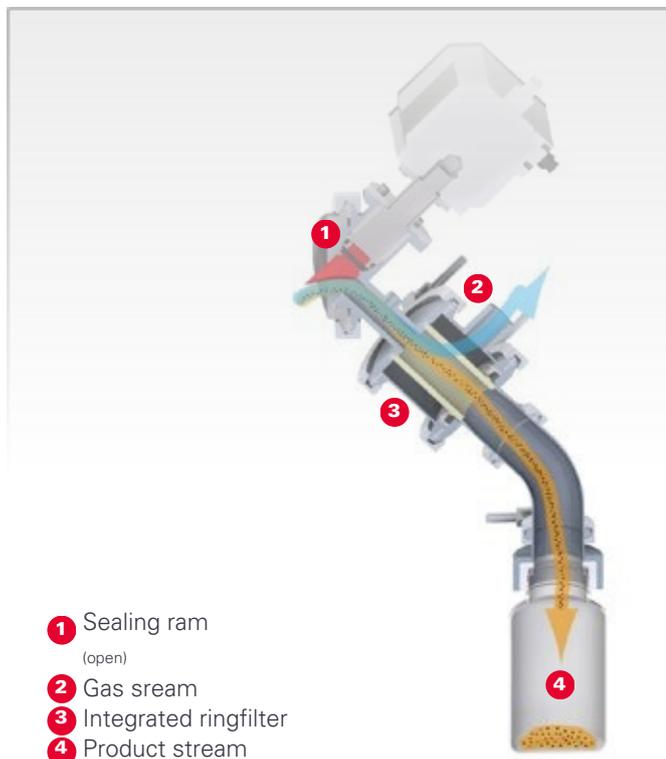
A: Screw sampler in a quick dismantling version



B: Screw sampler for silo installation

Vacuum Sampler

With its patented flushwall design, the HECHT vacuum sampler contains no mechanical parts that protrude into the product flow and allows cleaning without any dead spaces. Therefore it is ideal for poorflowing products and applications with highest demands in terms of hygiene and Containment.



- W The sampler does not protrude into the product stream during the sampling processes.
- W Easy to clean
- W Sampling from mixers, dryers, pressure tanks and stirring tanks, etc.
- W Quick and easy to dismantle with the TriClamp connection
- W Sampling from steadystate solid products



C: Vacuum sampler integrated in a vacuum conveyor



D: Vacuum Sampler

Spoon Sampler

The HECHT spoon sampler is an optionally pneumatic or manually driven inline sampling system with rotatable sampling spoon. The spoon sampler is suitable for installation in downpipes. Even poorly flowing products can be sampled without any problems.

- W The sampler does not protrude into the product stream during the sampling processes.
- W With the support of a small knocker, even poor flowing products can be emptied.
- W Fast and easy dismantling and cleaning by the use of TriClamp connections
- W Filling into different sampling vessels is possible
- W Product pipe with flexible lip seal



A: Spoon sampler in a downpipe



B: Function of the spoon sampler

Single-Use Isolator EPS

HECHT's SingleUse Sampling System (EPS) enables sampling of highly active or hazardous substances from small bins without additional extensive protection or cleaning procedures.



**SINGLE USE
TECHNOLOGY**



C: Sampling of a drum with the EPS

- W Primary Containment due to a flexible isolator
- W Quick and easy sampling without personal protective equipment
- W No impurities, no cross contamination
- W Adaptable to different kinds of bins and applications
- W Low investment and maintenance costs
- W Locationindependent use



D: Handling inside the EPS

Typical installation – best practice



Further HECHT product lines

Filling and Discharging



Filling

HECHT offers various filling stations for almost all purposes when it comes to filling of Big Bags and small bins like drums or boxes. Also a continuous liner can be used. Depending on the bin sizes, the space conditions given, the quantity of bins to be filled or the respective weighing unit needed, we offer individual solutions. Numerous special applications or customized versions for all requirements of your production can be realised by using our solutions.



Discharging

Bulk solids are mostly transported and warehoused in Big Bags, containers or small bins like drums or sacks. Therefore, different discharging stations are needed for further processing. In addition, for planning and design, several important facts must be considered. Depending on the necessary filling capacity, the respective Containment level and implementation of an optional weighing or dosing function, HECHT offers individual modular systems for wide-ranging and flexible applications.

Discover our large product range and HECHT systems at www.hecht.eu



DISCHARGING



CONVEYING



FILLING



DOSING



SAMPLING



SINGLE USE TECHNOLOGY



COMPONENTS

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LEADING EUROPEAN SUPPLIERS**

