



# WE CARE.

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# HECHT – We care.

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





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# HECHT Technologie

## Our mission

Managing director Jan Hecht: „I am proud of being able to take over a successful enterprise and lead it into the second generation. HECHT pursues a cooperative partnership with all customers, suppliers, and business partners.

In order to achieve this we have created a modern and familiar atmosphere which is based on confidence and responsibility. Everybody is invited to an active participation and to enhance his personal development. Our slogan „WE CARE“ is not just empty words, but reality at HECHT. It starts with ourselves and applies to everyone working together with us.

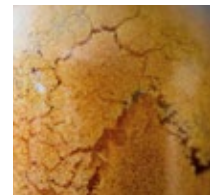
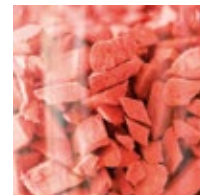


# What we do

For all process steps of in-house raw material transfer we offer solutions which can be combined in different ways for individual product requirements.

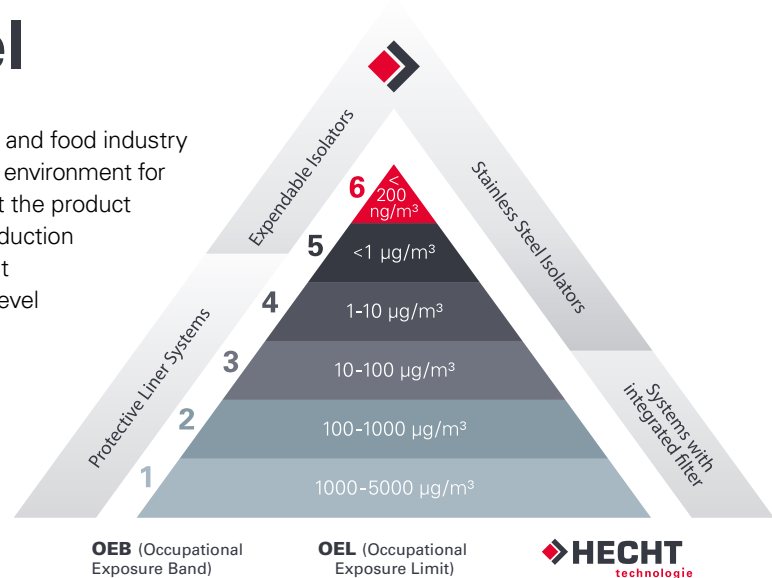
HECHT systems fulfil multiple demands at the highest level. For different process steps we offer various standard solutions that can be combined in many ways, so different requirements can be easily adapted.

As a result an almost unlimited number of special-purpose machinery for custom-tailored product specifications is available. Whether filling or discharge systems for Big Bags, drums or containers, pneumatic conveyors or dosing and weighing vessels are to be integrated – most likely we already have the ideal solution for you. Our portfolio ranges from ingenious single components and stand-alone modular and single solutions to turn key systems. In close contact with our clients our experienced engineers thoroughly plan the specific task from A to Z, willingly integrating process machinery such as mixers into our scope of supply. Our customers can expect ready-to-use customized systems that impress through innovative spirit, quality, efficiency and safety. WE CARE.



# Containment at the highest level

Most of our customers in the pharmaceutical, chemical, and food industry use products which have to be 100 % protected from the environment for various reasons. The operator must be protected against the product or the product against external influences. If several production steps and interfaces have to be connected, Containment specialists are required. No matter which Containment level you are facing, HECHT cares for both: your product and your employees. The HECHT Containment pyramid shows the classification of the raw materials in terms of OEL values and OEB levels as well as our technical solutions for reaching the required Containment.



## WE CARE.

### ◆ Efficiency & operator comfort:

In addition to your production processes we also take into account the economic efficiency of the systems.

### ◆ We look ahead:

Despite all our experience, we also invest in the further development of our systems to make sure that our systems are state of the art.

### ◆ Made in Germany:

Long-term partnerships with suppliers and manufacturers ensure a constantly high quality from development to production.

### ◆ Personal and tangible:

Short distances, fast and non-bureaucratic decisions as well as simple communication channels characterise our family-owned business.

### ◆ The heart in the right place:

We pay attention to cooperative and cordial relationships within our company and with all our business partners.

### ◆ Fair and ethical:

Our social responsibility and handling exceed our business relationships.

# HECHT product lines

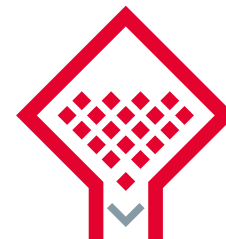


## HECHT product lines

Whether discharging, filling, dosing or conveying is the task: HECHT systems are of modular design. All components and standardized assemblies work individually and can be easily integrated into existing processes. Our turn-key solutions cover the complete production process. HECHT systems constitute the ideal connection between value-adding machinery, bringing production to life.



Safe discharging of Big Bags, sacks or drums is a typical application for further processing of bulk solids. For HECHT a core competence for more than 40 years.

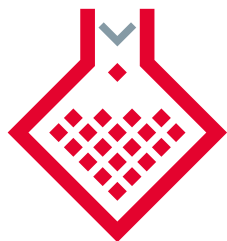


**DISCHARGING**



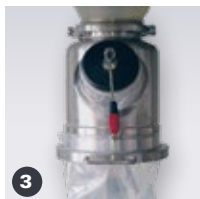
- |                                                |                                            |
|------------------------------------------------|--------------------------------------------|
| <b>1:</b> Connecting system AAS                | <b>4:</b> Containment drum discharge CFE-K |
| <b>2:</b> Sack discharge stations RVS          | <b>5:</b> Big Bag discharge station        |
| <b>3:</b> Containment connecting system LAS-EC | <b>6:</b> Containment drum discharge CFE-L |





## FILLING

Like discharging, filling into various bins is a typical application for us in all industries. Our filling heads are used in different versions from simple to Containment applications. Furthermore, HECHT offers complete Big Bag filling stations as well as filling stations for drums or sacks.



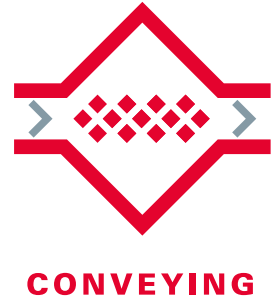
- 1: Dust-reducing filling head
- 2: Continuous liner filling head

- 3: Filling head LBK
- 4: Filling head LBK-EC
- 5: Small bin filling station

- 6: Big Bag filling station BG Basic
- 7: Big Bag filling station BG-L

- 8: Small bin filling station with continuous liner filling head

For conveying bulk solids HECHT offers approved and well-known pneumatic conveying systems, such as the ProClean Conveyor PCC. The PCC combines important production steps. The Containment is reached by the principle of vacuum conveying.



- 9:** PCC filter unit
- 10:** PCC cover with quick-release fastener
- 11:** PCC with differential dosing scale
- 12:** PCC 700
- 13:** PCC 300 chemical application





**DOSING**

In bulk solids handling, the accuracy of the dosing and weighing unit in many cases determines the quality of the final product. These requirements are taken into account by our different dosing and weighing components, for volumetric and gravimetric feeding of powders and granules.

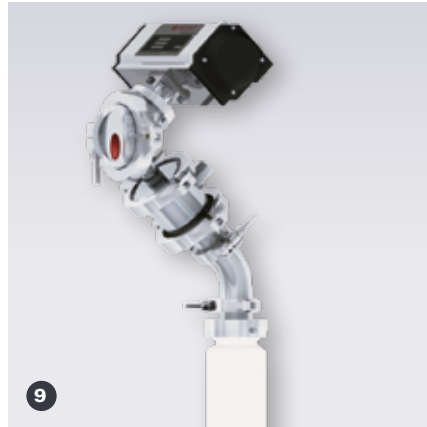
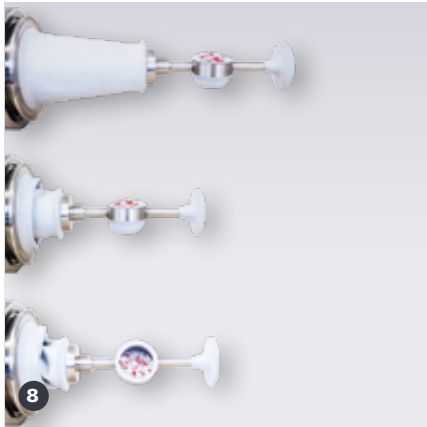
**1:** Flexible  
Dosing unit  
for filling card-  
board boxes

**2:** Rotary valve  
in hygienic  
design

**3:** Dosing screw  
**4:** Dosing valve

**5:** Split-cone  
connecting  
system  
SoliValve





Continuous product quality is checked by taking samples and analysing the product at regular intervals. Easy handling and high product and operator protection are our key characteristics of HECHT equipment.



**6:** Spoon sampler

**7:** Sampling magazine

**8:** Function of the spoon sampler

**9:** Vacuum sampler

**10:** Screw sampler with down pipe

**11:** Screw sampler with hand wheel for silos



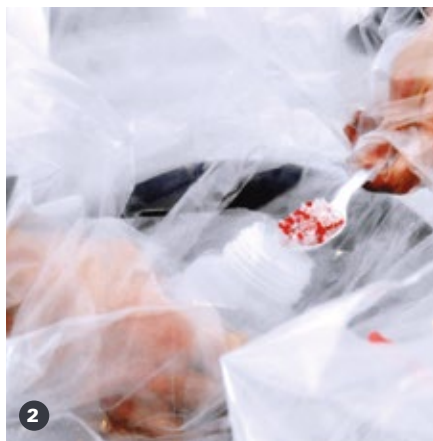


## **SINGLE USE TECHNOLOGY**

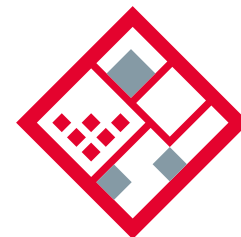
High Containment up to OEB 5, effective operator and product protection as well as a cost reduction of up to 40 % compared with conventional stainless steel solutions are among the strengths of single-use technology. Our flexible isolators can be easily matched to your individual process and requirements.



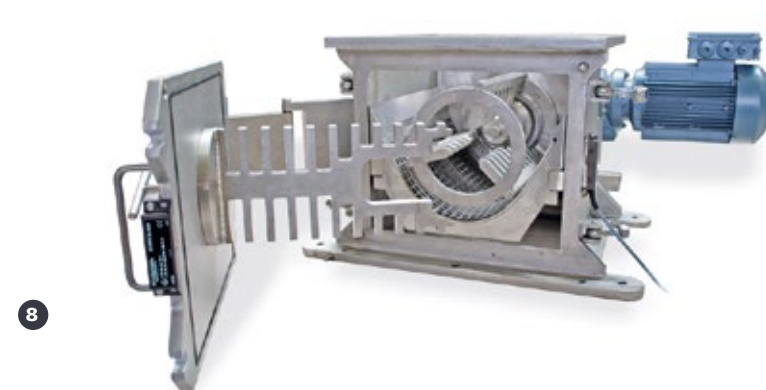
- 1: Single-use isolator EWI
- 2: Handling in the flexible isolator
- 3: Single-use sampling system EPS



It is the little things that can make a big difference. To further improve the handling of bulk solids, we offer ingenious components for your equipment and machinery.



## COMPONENTS



**4:** Scale compensator conductive

**6:** High Containment closing system

**5:** Scale compensator transparent

**7:** Continuous liner package

**8:** Delumper with screen grater

# Services



## After Sales Management

After the commissioning phase of your system, our After Sales Team will assist you with their knowledge. Our service includes customized offers for spare parts, life-cycle management, maintenance concepts and retrofits. In this way the investment in a HECHT system pays off twice. With our versatile service offer, we ensure a long operational life and increase the reliability of your system and make sure that it corresponds to the latest state of the art.



## Trials at the technical center

We ensure cost-effective and practical tests and trials for fast and flexible process solutions. In our technical center we offer testing and trials for discharging, filling, conveying, crushing, sieving, dosing, and CIP/WIP cleaning including riboflavin tests. We accompany you by analysing your process and test requirements, prepare the test and take care of the performance verification. At the end of the trial you get a detailed test report. This allows you to convince yourself of the quality of our systems and the compliance with your specifications. Adaptions to the individual powder properties reduce process risks in your later production.

# HECHT Industries

Discover our large product range  
and HECHT systems at  
[www.hecht.eu](http://www.hecht.eu)



## Pharma

In the pharmaceutical industry the requirements to the process equipment are for sure the most challenging. On the one hand the substances in use are partly very valuable in their high concentration but on the other hand they are endangering the operator. In order to ensure an adequate and long-term operator protection, most of these substances need to adhere to an OEB5 threshold. A full FDA-compliance of our systems is guaranteed.



## Food

Designing machinery in Hygienic Design combined with helpful ergonomics for the operator have become a matter of fact for us. Retraceability, allergen management, ATEX-compliance, plant availability and quality management are further topics that manufacturers of food and nutritional have to take care of 24 hours / 7 days a week. Therefore, an investment in HECHT systems is definitely paying off.



## Chemicals

In the chemical sector, the requirements for process equipment have considerably increased in the last years. To some extent, the applied substances are extremely valuable in their high concentration but may on the other hand be very hazardous for the operator. The REACH regulation as well as the increasing demands in terms of product- and operator protection are a decisive aspect for the use of HECHT.



**DISCHARGING**



**CONVEYING**



**FILLING**



**DOSING**



**SAMPLING**



**SINGLE USE  
TECHNOLOGY**



**COMPONENTS**