

# Solutions for the Food Industry.

**100 % purity with impressive productivity.**



# TST Solution Expertise.

## 100 % purity for food products!

### Increase quality: Today and in the future.

Quality requirements for food products are increasing. Consumers as well as retailers expect products with the highest degree of purity.

TST solutions for the food industry are one of four areas of expertise served by our dry separation technology.

Dried fruits and dried vegetables, coffee and cocoa, tea, herbs and spices as well as grains and nuts are the best examples of the way in which implementing our systems leads to 100% purity.

All kinds of applications are conceivable and can be tested under real conditions in our technology center.

Increase quality. Today and in the future, with TST.

**More than 20 years ago, the Bavarian family business Trennso-Technik had already recognized the fundamental challenge for the future: conserve resources, reclaim valuable raw materials and save energy in doing so. The result of setting this goal: pioneering solutions by Trennso-Technik to separate various impurities in foodstuffs.**

We complete the tasks set by our customers with passion and creativity, with the twin goals of highest efficiency and purity. Alongside our expertise, we offer complete systems as well as machines and modules optimally tailored to customer needs, which impress through their innovative technology and robust build.

Resource scarcity is a worldwide problem, and we distribute our successful products on the ever-growing international recycling market. Using this strategy, we have been expanding for years and thereby contribute consistently to the necessary conservation of resources and our environment.

With entrepreneurial vision and clear principles, Trennso-Technik sets the standard in continual development of dry separation processes: for a future that also provides compelling perspectives for future generations, through the careful use of resources, raw materials and foodstuffs.



**Separating and sorting machines are at the heart of every system, and represent the core competence of Trenso-Technik.**

We have optimized the dry separation process, separating foreign materials from food with up to 100 % purity. Every system is developed according to the customer's individual requirements, meaning that each one is a masterpiece of functionality and technology. We provide turnkey facilities upon request.

These also include feeding and conveying technology, aspiration technology, electrical and control engineering as well as the installation and startup of the system. We ensure that our systems conform to individual customer requirements through comprehensive testing in our own technology center.

Continuous operation of many systems in a three-shift rotation speaks for the high level of process security and the quality of our products and services. Whether the throughput rate is a few kilograms or multiple tons per hour makes no difference.



# Dried Fruit / Dried Vegetables

## Separate out impurities efficiently!



Quality demands placed on the purity of foods such as dried fruit and dried vegetables are rising steadily in the marketplace. Trade partners and consumers expect products free of foreign materials or impure particles.

TST's separating and sorting technology offers a particularly highly efficient and economically attractive solution. From single machines to modules and complete systems of any size, TST always offers a customer-specific, tailored solution.

Particularly in the case of dry products, the often widely-varying shape and variable piece weight require extensive experience and a carefully developed solution.

With experienced engineers, TST tests every customer requirement before implementation, in its own technology center under real conditions - thus guaranteeing the highest degree of process reliability and value creation for all customers.

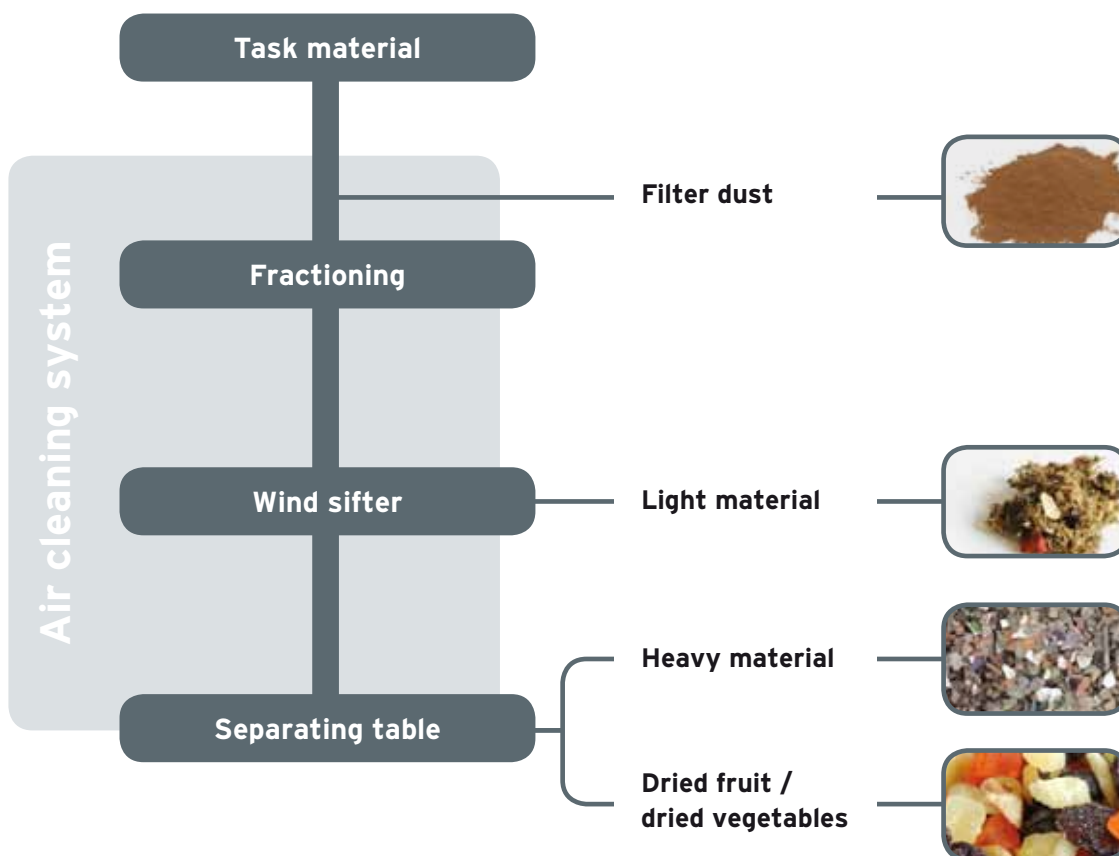
**Dried fruit and dried vegetables: TST separates efficiently!**





**Type of processing system for dried fruit and dried vegetables:**

Dried fruit and dried vegetables are cleaned of impurities over various purification stages. TST offers tailored concepts, from additions to existing processing systems to new systems. We will gladly provide references upon request.



# Coffee and Cocoa

**Improve quality through 100% purity!**



**Separating impurities from coffee and cocoa beans before further processing demands economical and technically perfect solutions.**

TST offers not only mature technology but also the highest degree of process reliability. Our services result in 100% purity in separation of foreign particles.

Talk with our specialists about your requirements and daily throughput rate. We test your production requirements under real conditions in our technology center, creating absolute security and predictable results even before order placement.

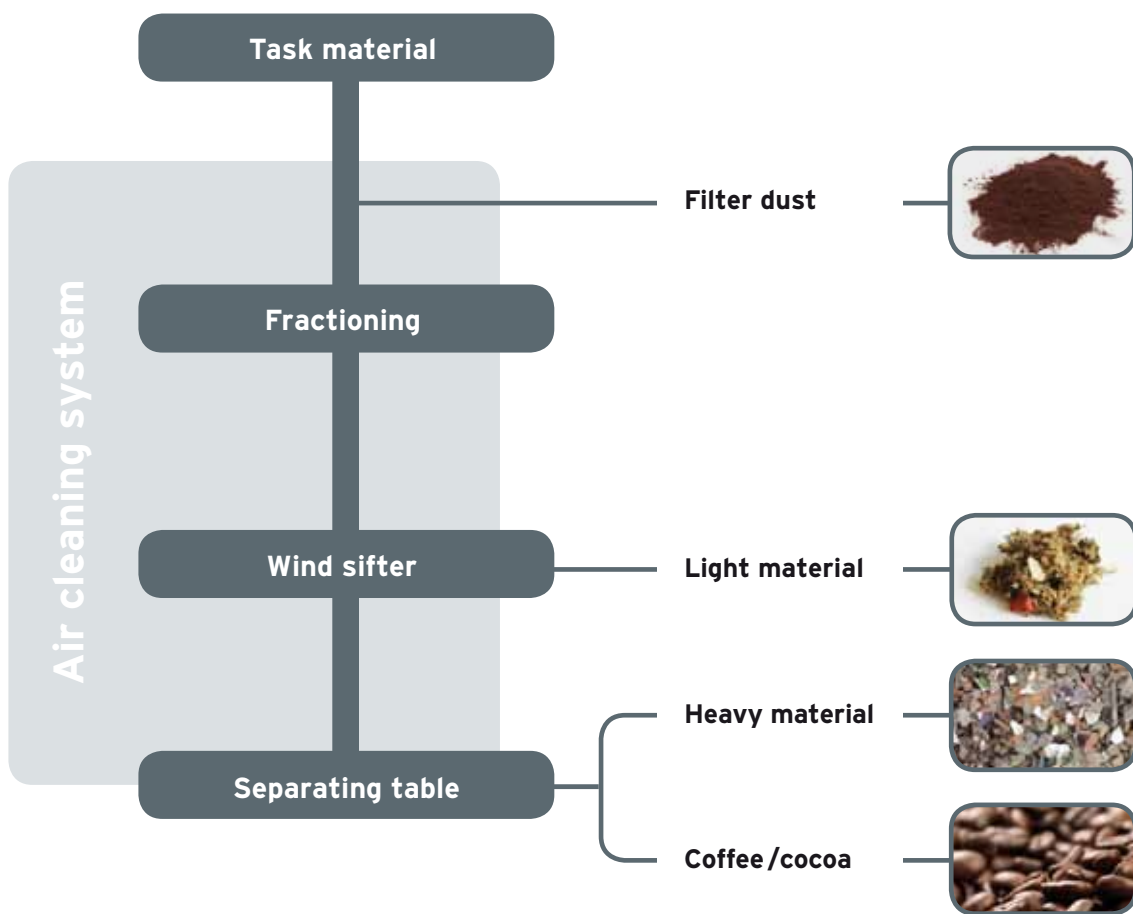
**Coffee and Cocoa Beans: TST separates efficiently!**





**Type of processing system for coffee and cocoa:**

Coffee beans and cocoa beans are cleaned of impurities over various purification stages. TST offers tailored concepts, from additions to existing processing systems to new systems. We will gladly provide references upon request.



# Tea, Herbs and Spices

## Highly-productive purification processes!



**Separating heavy particles and impurities in the processing of tea, herbs and spices is regarded among specialists as the epitome of technical achievement. Gentle treatment of products is of prime importance here and part of the basic concept.**

TST has extensive experience in separation and sorting of foodstuffs, with a purification result of 100%.

With TST wind sifter modules, lightweight particles are separated, with heavy particles separated on TST separating tables downstream. Every TST solution fundamentally ensures 100% purification. In addition, our systems captivate with highest efficiency and functionality. The production volume of our customers determines the structure of the TST system. In our own technology center, we are in a position to test every requirement under real conditions.

**Tea, herbs and spices: TST separates efficiently!**



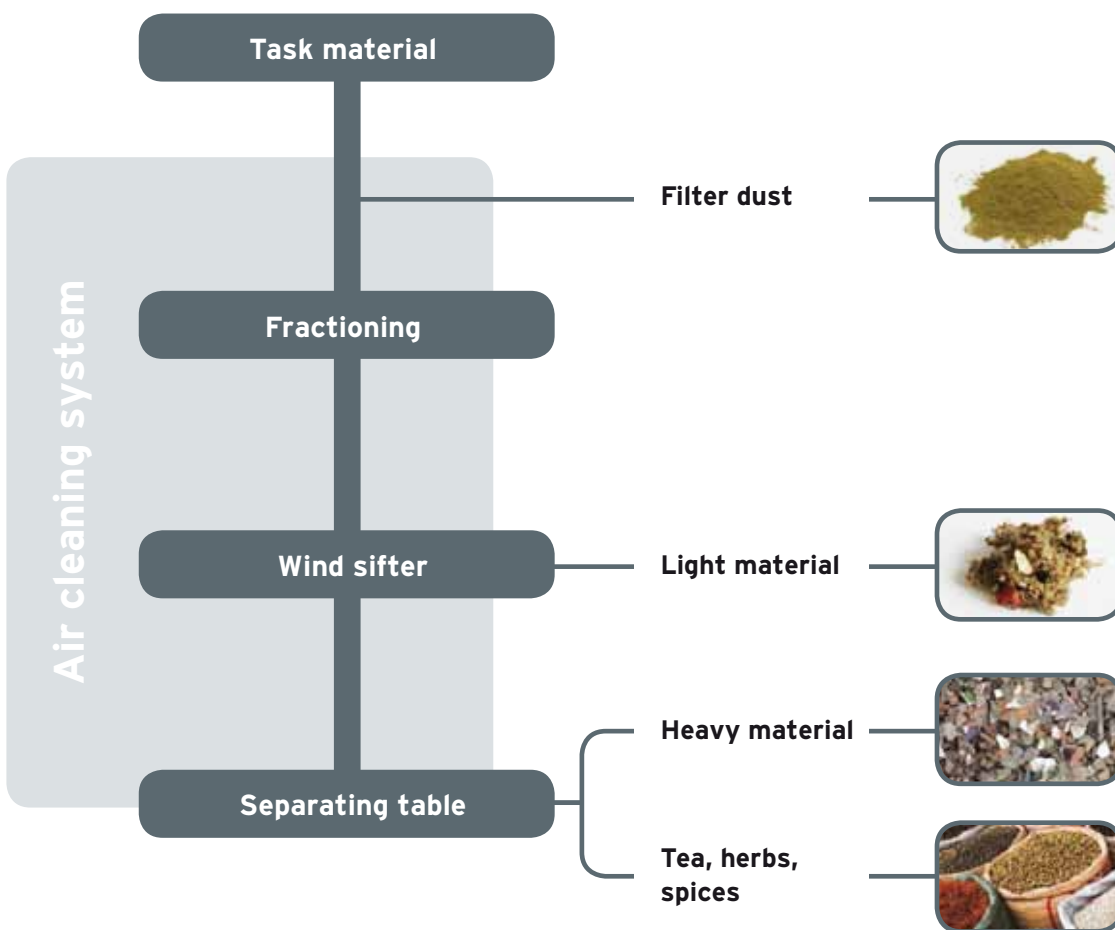


**Type of processing system for tea, herbs and spices:**

Tea, herbs and spices are cleaned of impurities over various purification stages.

TST offers tailored concepts, from additions to existing processing systems to new systems.

We will gladly provide references upon request.



## Grains and Nuts

# High-performance dry separation technology!



Purification of grains, nuts and other cereals is an important prerequisite for the production of high-quality end products. During the process, 100% of all impurities must be sorted out. Alongside its expertise, TST offers a variety of specialist machines to meet these challenges, which set the standard in efficiency and functionality.

100% purity is only one criterion that we stipulate in advance, in tests under real conditions in the TST technology center. The highest possible throughput, aligned to your individual requirements, together with low-maintenance technology ensure high levels of customer satisfaction in daily operations.

Trust us with your tasks involving separation and sorting of impurities.

**Grains and nuts: TST separates efficiently!**



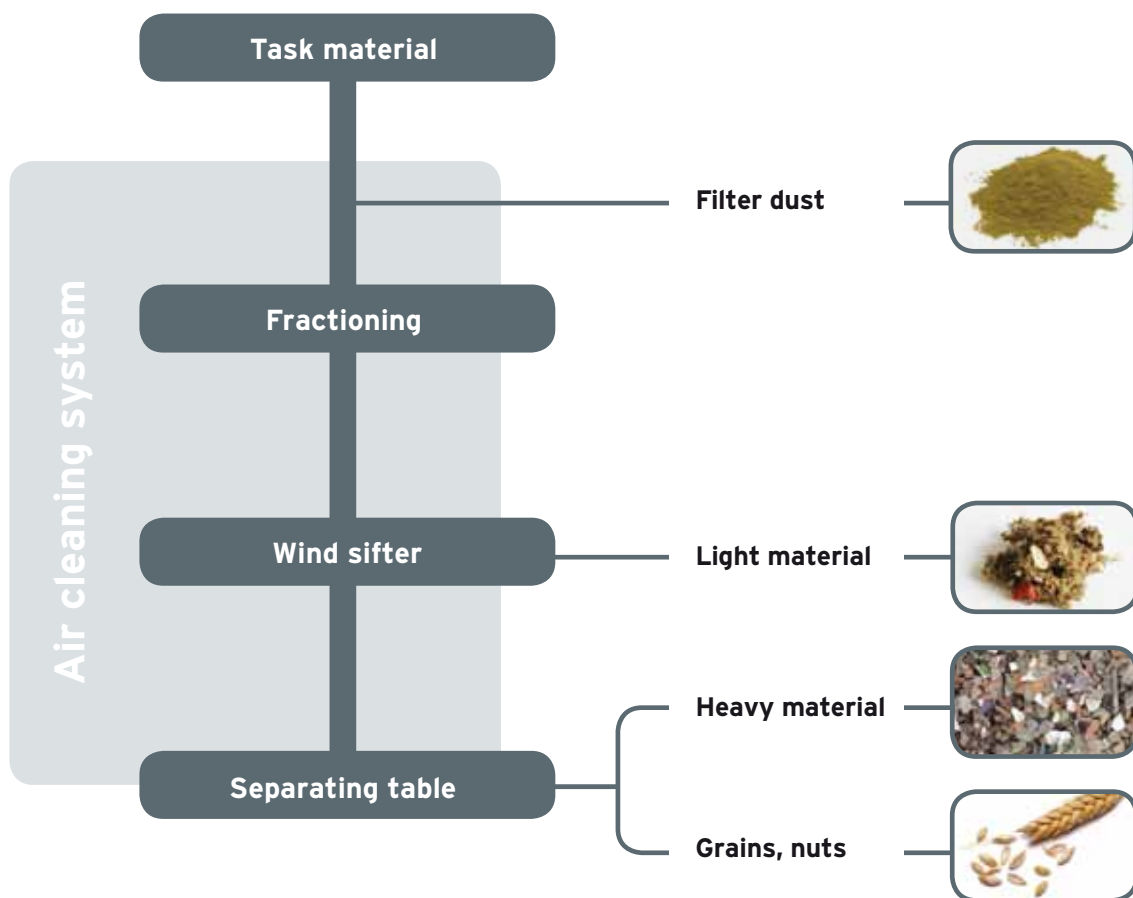


**Type of processing system for grains and nuts:**

Grains and nuts are cleaned of impurities over various purification stages.

TST offers tailored concepts, from additions to existing processing systems to new systems.

We will gladly provide references upon request.



For over 20 years, Trenns-Technik has been offering the most advanced separating and sorting technology along with professional advice and planning for individualized solutions. Preparation and product refinement will continue to be demanding areas in the future, with excellent growth prospects. Systems, machines and modules by TST provide inspiration worldwide for technology and efficiency. Find out for yourself.

Trenns-Technik: Obtaining raw materials. Increasing quality!

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