



Unlimited Industrial Food Approved
Brushing Solutions



Kullen

KOTI GROUP

Brushing Solutions

KOTI BRUSHES



KOTI | Unlimited industrial food approved brushing solutions

Transporting apples, cleaning eggs, dusting cookies, polishing tomatoes, peeling vegetables: automating these and countless other tasks associated with modern food handling and processing would be inconceivable today without the direct or indirect use of technical brushes. Because there is no other tool which permits such fast, gentle handling of sensitive foodstuffs as brushes used as machine elements, which come in an enormous variety of different designs. KOTI understands the importance of industrial food approved brushing solutions.

In the food industry, there is practically no automated application which manages without the use of technical brushes. One focal use of this versatile technology is ensuring the most sensitive, gentlest possible treatment of foods. KOTI – which is among the world's leading brush manufacturers – knows exactly which brush types are most suited for handling and processing fresh vegetables and fruit. Next to that KOTI offers a

wide spectrum of brushing systems in the food industry's packaging and production plants.

Polishing tomatoes and dusting cookies

Gentle transportation, guidance and sorting of products such as fruit or confectionery, or cleaning and finishing their sensitive surfaces are key values for industrial brushing solutions.

Other important applications relate to packaging, plant engineering and maintenance tasks performed with the utmost precision and economy using brushes.

Technical brushes from the KOTI portfolio are able to take care of tasks such as folding wrappers, labelling cans and bottles or cleaning ovens, baking trays and conveyor belts.



Circular and roller brushes

The application areas for circular and roller brushes are as diverse as their dimensions and styles. Constructed in coiled, squeezed or punched standard forms, they can be used for polishing, washing, transporting, peeling, guiding and slowing products down, as well as just cleaning.

Belt brushes

Belt brushes are ideal for the cleaning surfaces of many different materials. Sensitive objects can be transported carefully by the belt brushes and other application areas include labelling, dusting and spreading.

Strip and sealing brushes

Strip and sealing brushes have the property of being able to conform flexibly to a surface so densely that they form a perfect seal. For example protecting the instruments, equipment and working areas, from dust and dirt, help to deter pests or maintain temperature-controlled environments.

Quick Chain - Brush belt system

The Quick Chain is a brush belt built of loose links, available for almost every length and width. With this system various products like fruits and vegetable can be transported efficiently and free from harm or noise.



Hygiene brushes

KOTI offers a wide range of hygiene brushes, for example for cleaning ovens or cooking appliances.

Customized solutions

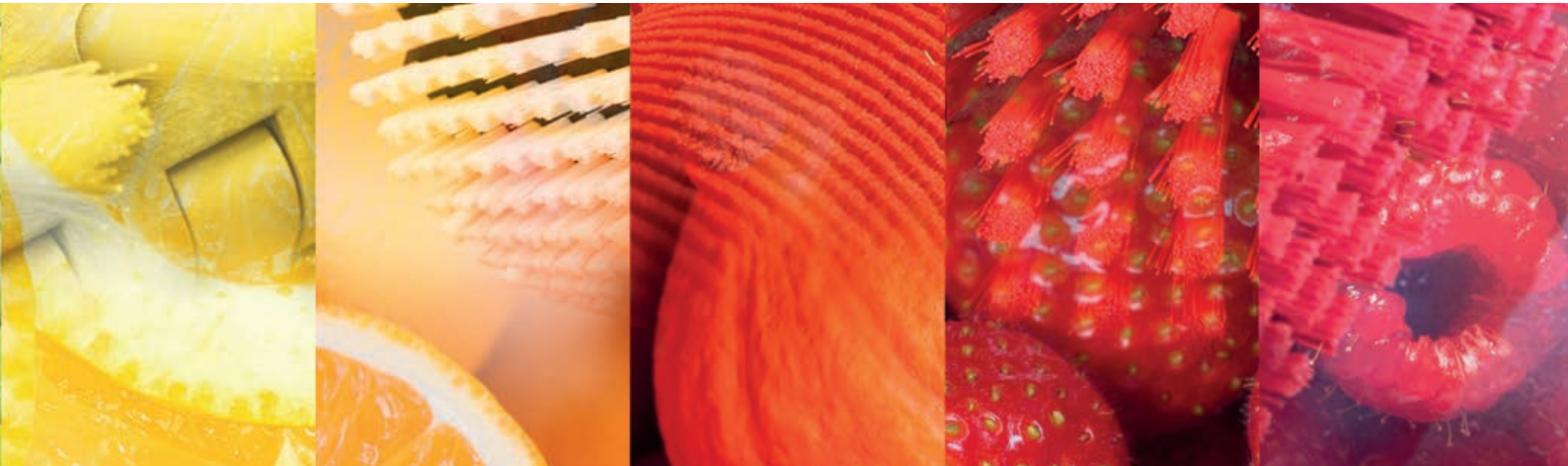
In consultation KOTI develops customized brushing solutions in order to combine the need with the matching application.

Unlimited possibilities

Using industrial food approved brushes of KOTI will increase added value. KOTI knows all the branches with their specific needs and is able to support in the most professional way.

For example:

- Vegetable processing
- Fruit processing
- Potato machinery
- Horticulture industry
- Grain & flour industry
- Egg & poultry industry
- Dairy industry
- Pasta industry
- Cocoa, biscuit & sugar industry
- Baking & cake industry
- Candy & confectionery
- Canning & bottling industry
- Coffee & tea industry
- Fish & meat industry
- Machine manufacturers
- Packaging industry & machinery
- And many, many more...!





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Gentle action without sacrificing speed

Unlimited food approved brushing solutions, includes the bandwidth of brushes and brushing systems, representing the extensive current portfolio of KOTI. For instance, the circular and roller brushes is used for applications such as peeling, washing and polishing vegetables, as well as its Quick Chain belt brushing system, which protects the surfaces of

sensitive fruit varieties during transportation in automated processing lines. Next to that, the wide variety of spiral roller brushes used for tasks such as the continuous conveying, distribution and sorting of small food items, as well as its wide range of strip brushes whose functions include sealing, separating and wiping. Whenever surplus flour has to be cleared away from baked goods, soil residues removed from

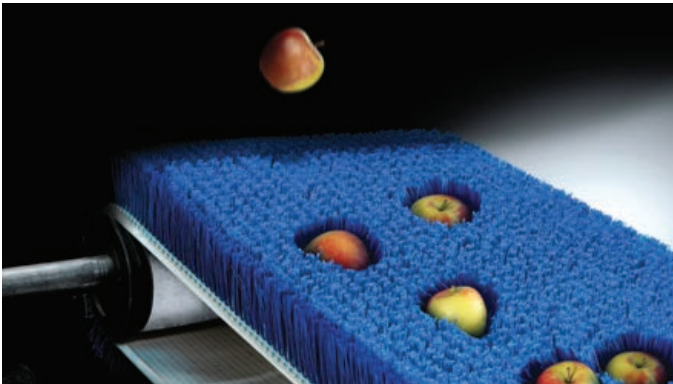
potatoes or truffles, and when it comes to shaping and forming pasta, gentle-action brush solutions from KOTI are often to be found working with the utmost process reliability behind the scenes.

A host of deciding factors

Correct configuration and dimensioning are key when it comes to processing and handling food. To help users make the right decisions, KOTI informs about all the important parameters to consider when choosing the best brush for the job. For example: factors such as the filler material, filler density or geometry are just as decisive factors here as the speed or peripheral velocity of rotating brushes. Its many decades of material and process-related expertise mean that KOTI is able to provide the most suitable

brushing solution for practically any process or task arising in the food industry – whether you are looking for a solution for the rapid transportation of raw eggs, labelling foil packs or cleaning stubborn burnt-on deposits from oven walls.

KOTI has been up among the food industry's most important and long-standing partners, offering support to renowned plant and machine manufacturers as an established and trusted supplier over many years. For its customers from the food, beverage and agricultural sectors alone, over its company history KOTI has implemented more than 50,000 different brushing solutions – and the number is increasing all the time.



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