



WE MAKE IT ALL

Brushes for all industries



KOTI GROUP

Since KOTI was founded some fifty years ago, it has grown to become an internal group of companies and established a worldwide reputation. Today the name "KOTI" is synonymous with the most comprehensive range of Technical Brushes throughout Europe.

Establishments

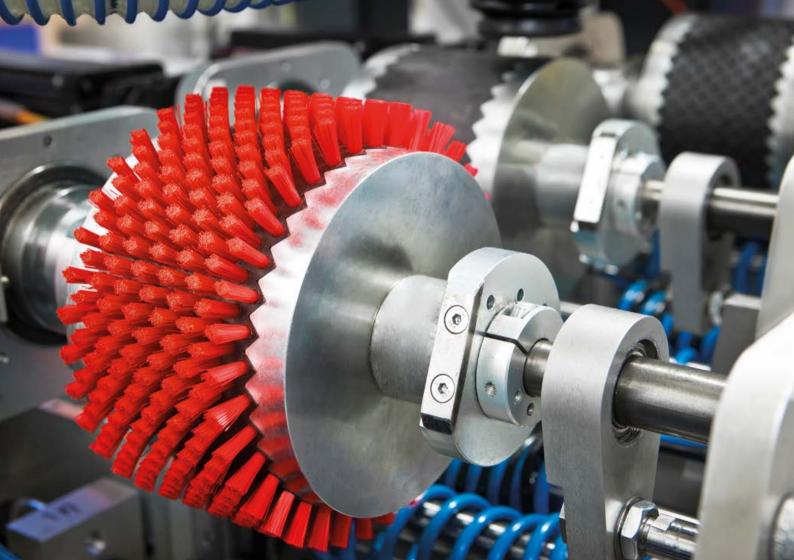
The KOTI Group has around 900 employees spread over 14 sites. Head Office with production facilities is located in Weert (Netherlands). In addition are 11 independent production facilities and 2 sales offices in Europe who complete the group. The KOTI Group works with partners worldwide, including South America, the Middle East and Asia.

Production and expertise

With years of experience, KOTI prides themselves in being able to provide you with a solution to your brushing problem. This is achieved by the great diversity of semi-finished products that are carried in stock. As a result KOTI has produced over 1 million different types of brushes.

KOTI has reliability as one of its highest priorities within the company along with excellent customer service and 100% commitment to our customers.





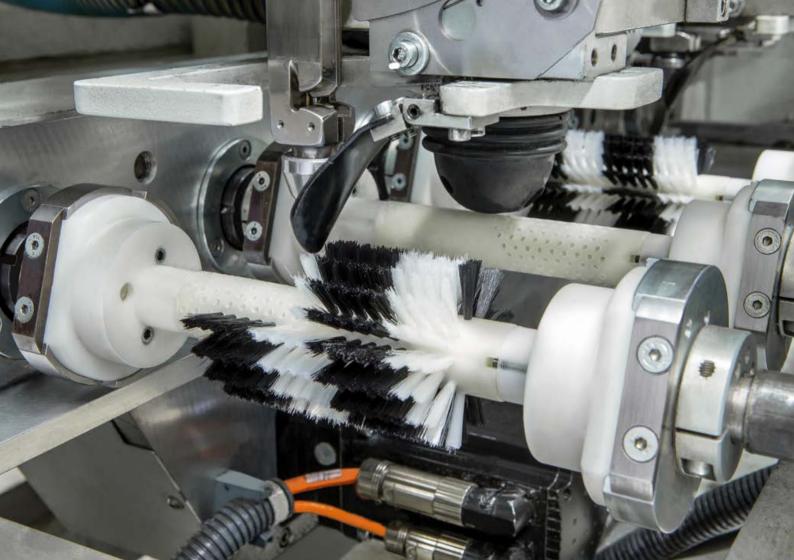
Added value

Our brushes are used in many branches. The product range thus consists of a wide selection of industrial and technical brushes. Our standard or customized products ensure that you get the brush that meets your objectives. Our objective is to ensure that our brushes provide additional value to our customer's production processes. Brushes fulfil often inconspicuous but essential functions within the production process. Almost everywhere where products or materials have to be manufactured or treated, you will discover brushes.

Advantages of our brushes

- They are versatile and offer a flexible solution for often complex industrial processes.
- They improve, accelerate and optimize various production processes.
- They prevent production interruptions and reduce downtime.
- They treat products and materials with care.
- There are many types of brushes and materials possible, so we can always offer the right solution.

On the following pages you'll find almost everything you need to know about our brushes and their uses. Almost everything, because the possibilities of brushes are practically unlimited. Please do not hesitate to contact us, even if you do not find your desired brush in this brochure. Our expert staff can advise you on applications, forms and materials.



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The KOTI Group supplies worldwide

No matter where our customers are located we deliver our products all over the world. For this purpose we work with competent partners in many countries who help you choose the right brush.

KOTI Group

- KOTI Industrieel en Technisch Borstelwerk BV
- KOTI Production companies
- KOTI Sales offices

Do you wish to make an appointment with one of our sales representatives or are you looking for a sales office in your country? Please do not hesitate to contact us. You will find our contact details at the back of this brochure. Our highly experienced staff will be pleased to help you further.

ISO-Certificate

In 1993, KOTI was as one of the first manufacturers in Europe to have been awarded ISO 9002. KOTI is one of the world's top European suppliers of industrial processing brushes that hold ISO 9001 certification. The balance of organization, development, production adaptability and product quality will lead to continued Advantages for buyers of KOTI products.





Brushes and markets

We know all the branches with their specific needs. So we are able to support you in the most professional way.

TIT	Agriculture		
×	Airport & winter equipment		
	Automotive		
Į į	Building & construction		
•	Ceramics industry		
Ā	Chemicals		
	Conveying machinery of all industries		
	Doors, gates & windows		
- />	Earth-moving equipment industry		
•	Electronics		
4	Energy		
O.	Engineering & machine industry		
1	Environment & animal welfare		
	Food & beverage industry		
∞	Industry generally		

Landscaping, sport & leisu	re
Metal working industry	
Packaging machines & foil	production
Paper & print industry	
Pharmaceuticals & cosmeti	CS
Plastics processing	
Raw materials	
Rolling mill industry	
Rubber processing (vulcan	ized)
Sheet metal processing	
Sweeping & cleaning indu	stry
Textiles & apparel	
Wire industry	
Wood & furniture industry	
Work tool industry (hand &	& machines)



Brushes and applications

The KOTI Group knows by experience that each market has its specific needs and applications. We offer a total range of brushes for all applications. From our standard range of brushes to our customized brushes, we will ensure that you get the right brush for your objective.

- Aesthetic finishing
- Antistatic
- Braking
- Brushing
- Cleaning
- Climate control
- Coating / bespreading
- Conducting
- Conveying
- Counter pressure
- Covering
- De-burring of surfaces
- De-rusting
- De-scaling
- Directing / guiding
- Discharging
- Dosing

- Draught exclusion
- Drying
- Dust collecting
- Erecting
- Fastening / securing
- Finishing of surfaces
- Folding
- Glazing
- Gliding
- Grinding
- Humidifying
- Inserting
- Keying / roughening
- Labelling
- Matting
- Noise reduction
- Oiling

- Peeling
- Picking up
- PolishingPositioning
- Powdering
- Pressing on
- Removing of blasting abrasives
- Removing of dirt
- Sealing
- Smoothing
- Snow removal
- Sorting
- Spreading
- Sprinkling
- Stretching
- Structuring

- Supporting / protecting
- Sweeping / cleaning
- Transporting
- Washing
- Waxing
- Weed removal

...and many more!



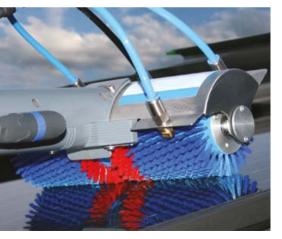
Tufted roller brushes



Our tufted roller brushes stand out due to their high quality and price/quality ratio. These brushes offer an economically attractive and efficient solution for a multitude of applications. Because of the many combinations in brush material, filling and density, tufted roller brushes can be a solution almost everywhere.

Applications

Braking, brushing, cleaning, coating / bespreading, de-burring, de-rusting, drying, dust collecting, folding, glazing, grinding, humidifying, labelling, matting, oiling, peeling, polishing, powdering, pressing on, smoothing, sprinkling, stretching, structuring, transporting, washing... and many more!

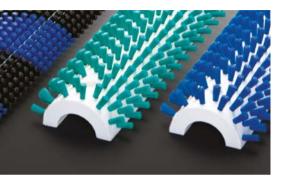


- Suitable for many applications in various branches.
- Optimal flexibility in brush filling.
- Large choice of filling materials.
- Most current diameters and measurements are deliverable ex stock.





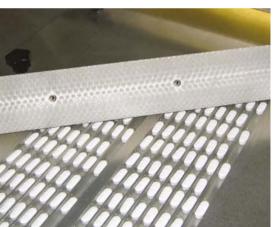
Split core brushes



This type of roller brush is built up from two flexible split cores, which can be easily assembled on to the brush core. This system is mainly used for brushes that need to be changed often. Other brush cores can be difficult to dismantle.

Applications

Braking, brushing, cleaning, coating / bespreading, de-burring, de-rusting, drying, dust collecting, folding, glazing, grinding, humidifying, labelling, matting, oiling, peeling, polishing, powdering, pressing on, smoothing, sprinkling, stretching, structuring, transporting, washing... and many more!



- Reduced machine down time, because the brush core can stay in the machine.
- Simple assembly and disassembly.
- Time and cost saving.
- Large choice of filling material, quality and density of the drill pattern.



Quick Snap brushes



The Quick Snap is a true revolution in the area of disassembly. Thanks to the ingenious tooth pattern the brush segments are fastened together, which results in an even brush surface. Without the use of complicated tools you can quickly and easily assemble and dismantle (worn) brush segments within minutes and at any time. The Quick Snap brushes are fixed to the brush core by means of end collars. The brushes have been constructed as such that they can be used both left and right hand turned.

Applications

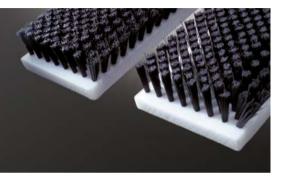
Braking, brushing, cleaning, coating / bespreading, de-burring, de-rusting, drying, dust collecting, folding, glazing, grinding, humidifying, labelling, matting, oiling, peeling, polishing, powdering, pressing on, smoothing, sprinkling, stretching, structuring, transporting, washing... and many more!

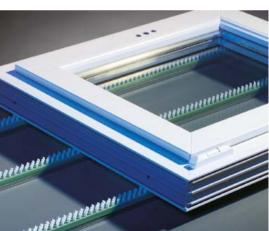
- Quick and easy replacement of worn Quick Snap brushes: also possible to replace just one segment.
- The shaft of the brush can be reused again.
- No special tools or technical adjustments necessary.

- Possibility to combine the system with almost any type of roller brush and brush cores.
- Very strong construction and strength transfer without expensive joints.
- Saves space and stock investments thanks to the separate parts.



Brush laths





Brush laths are versatile and are effective in a variety of situations to optimize the production. We have gained a lot of experience with the use of the products in manufacturing processes. There are many choices in forms, materials and combinations. You can choose from wood, metal (stainless steel, steel, aluminium) or a plastic version. For the filling we have many possible materials, ranging from steel wires, animal hairs to various grades of synthetic fibres.

Applications

Braking, brushing, cleaning, wiping off products, guiding and transport fragile and/or breakable products, keying / roughening, sealing, spreading... and many more!

- Fibres are standard inserted at 90°, other angles are possible depending on the application.
- Easy to assembly and disassemble.
- Quick replacement with use of the C-profile.





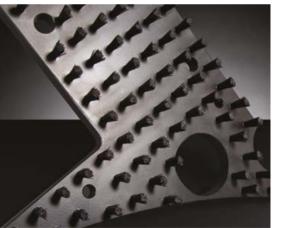
Brush plates



The brush plate is very useful for supporting, guiding, transporting, cleaning and pressing all sorts of products. This brush can be adapted to carry heavy objects with capacities ranging from 500, 1250 and 2000 kg mass per m². By choosing the right materials the brush plate can assure that your products are supported safely, preventing the risk of damage and minimising noise. Also on the road our brush plates ensure that your products are delivered without any damage.

Applications

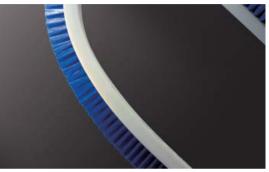
Brushing, cleaning, directing, noise reduction, pressing on, protecting, transporting... and many more!



- Suitable for transporting both heavy and delicate products.
- Almost unlimited possibilities for all sorts of products in all shapes and sizes.
- Perfect solution for transporting elements over a long distance.
- Protects products from damage during transport.
- Far less noise due to the large carrying capacity.



V-string brush belts



This type of brush is perfectly usable for cleaning tasks of various surfaces, or for the transporting and supporting of fragile products. Dependent on the width, the belt is made with one or more rows. The length determines if extra support is needed in order to position the brush belt correctly. An advantage of this belt is that standard V-strings can be used. The belts can be used under heavy conditions, this type of brush is also resistant to oil, grease, dust, dirt, draught and various chemicals.

Applications

Braking, cleaning, noise reduction, protecting, spreading, transporting... and many more!

- The belt is available for almost all standard V-strings.
- The brush is easy to assemble and disassemble.
- Fitting pulleys can be delivered with the belt.
- Suitable for transporting fragile products.

- Available both endless and on a roll.
- Suitable for small measurements.
- Belt can be placed axial regarded to the product.



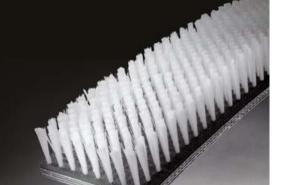
Flat brush belts



The core of a flat brush belt is made out of synthetic or chrome leather (CL). Chrome leather is the most used core material for the flat brush belt. Just as the V-string brush belt, the flat brush belt is used for applications such as transport and cleaning. The filling can be made from open to very dense which allows many different brush widths. By positioning the brush belt axially regarded to the product an optimal result is achieved.

Applications

Braking, cleaning, noise reduction, spreading, supporting, transporting... and many more!



- Available in many length and widths.
- Belt can be made with steering strings on the bottom.
- Various filling densities.
- Belt can be placed axial regarded to the product.
- Can be used in harsher conditions.



Toothed brush belts



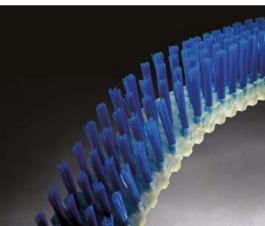
The toothed brush belts are made out of polyurethane. These belts are driven by toothed belt discs. This type of brush belt is mainly used when products need to be positioned or transferred. The great advantage of the toothed belt is the timing. The belt runs over toothed "pulleys" which cause no slip but guarantee correct timing. Therefore the speed of rotation can be adjusted precisely up to 6 m/s. The density of the brush is limited, because the top of the belt provides limited space for brush fibres. This means that the density is always relatively open.

Applications

Braking, cleaning, noise reduction, positioning, supporting, transporting, spreading... and many more!



- Speed of rotation can be adjusted precisely.
- Guarantee of a correct timing.
- No slip.
- Fitting pulleys can be delivered.
- Belt can be placed axial regarded to the product.
- Can be used in harsher conditions.





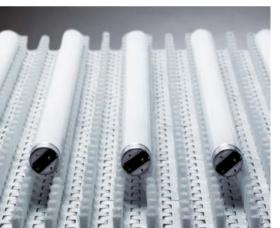
Quick Chain brush belts



The most flexible variant of the brush belts is the Quick Chain. This multifunctional system transports both fragile and heavy products, horizontally, vertically and at certain angles. The Quick Chain system is a brush belt built out of loose links. Due to this almost any length and width can be produced. With this system various products can be transported free from harm and noise and efficiently. The Quick Chain is an ingenious, simple, but above all efficient transporting system.

Applications

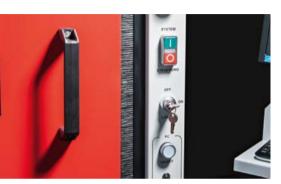
Braking, cleaning, noise reduction, supporting, transporting... and many more!



- Usable for horizontal and vertical transport and transport at an angle.
- Suitable for transporting various sorts of products and goods.
- Almost any desired length and width available.
- Thanks to loose parts a lot of saving in storage and space requirements.



Quick Seal brushes



The Quick Seal is a flexible brush strip, which adapts easily to each shape thanks to its flexible profile. It can be used for multiple applications, which include sealing, guiding, wiping, slowing down and pressing. The flexible Quick Seal is delivered as standard in rolls of 25 meters, (other dimensions on application). Cut to any length you wish with no wastage. After the Quick seal is cut to the right length, there are various methods for fixing: Screws, glue, double-sided adhesive tape or with a clenching profile.

Applications

Braking, directing, levelling off, pressing on, sealing... and many more!



- Very flexible brush, which follows each shape effortlessly.
- Manufactured from durable and high-quality thermoplastic rubber.
- UV- and ozone resistant and chemical resistant.
- Easy and quick assembly.
- You can cut the right size yourself due to a special opening in the box.
- Less storage needed thanks to a flat stackable box.



Strip brushes





The strip brushes are very versatile and available in many versions. The most known type in this category are our straight strip brushes, also known as weather strips. These strips are mainly used for sealing windows, doors and machines in order to protect them from draught, light, dust and dirt. These strips are able to follow any even or uneven objects. The fibres can move freely and adapt to any unevenness in floors or walls. Strip brushes are standard available but custommade strips are also possible.

Applications

Aesthetic finishing, cleaning, climate control, dusting, prevention of rodents and insects, removing of dirt, sealing... and many more!

- Suitable for many different sealing applications.
- Very suitable for following irregular surfaces.
- Available in stock.



Strip roller brushes



Our strip roller brushes are unique and easy-to-handle: you only purchase the roller brush core once and easily refill it yourself with the corresponding strip brushes after wear. And besides, it is a very economical brush system. The rugged construction allows problem-free operation also in adverse conditions. Strip roller brushes can consist of a steel core and exchangeable strip brushes which are mounted in axial direction around the circumference or a lightweight aluminium core with horizontal grooves. The strip roller brushes are particularly suited to conveyor belt cleaning, the open brush construction helps prevent clogging which may occur with scraper type cleaners and prevents build-up of material deposits.



Applications

Cleaning, coating, conveyor-belt cleaning, dust collecting, oiling, powdering, removing of dirt, sprinkling... and many more!

- High rotation speed.
- Longer life span.
- Simple assembly enables easy replacement of the strip brushes without dismantling the whole roller assembly.
- Less maintenance.
- Particularly suited to conveyor belt cleaning; helps increases belt life and reduce breakdowns.



Brush strips wound



In the category brush strips the brush strip wound is a variant. The winding of the metal profile ensures that the fibres are located on the inside of the ring. This brush strip has an opening down the middle which provides a solution for many applications. For example cleaning cables while reeling them. Also thanks to the wound brush strip it's possible to seal off stub axles of machines completely against dust or filth. The profile and material are dependent on the application. Filling, fibre thickness and length are available in any desired configuration. The brush strips are wound into a single winding, thus creating one ring or a full spiral.



Applications

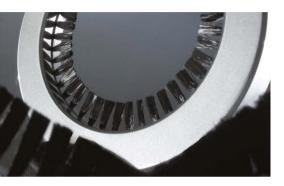
Aesthetic finishing, cleaning, climate control, directing, prevention of rodents and insects, sealing... and many more!

- The opening of the wound brush strip provides a solution for many applications.
- Freedom in shape: from a single winding to a full spiral.
- The fibres can be cut in any desired length or shape.
- The ends have a seamless connection.





Antistatic brushes



Static charge is a common problem that can cause interruptions that are mostly inevitable for industrial production processes. Disruptions due to static charge lead to slow production process and increase the production costs. Our antistatic brushes continuously divert the static charge, thus maintaining the production process. Our antistatic brushes are frequently used in copy machines, ATM's, cutting machines, printing press, laminating machines and paper cardboard manufacturing.

Applications

Antistatic, conducting, discharging... and many more!



- Filling wears minimally or never and does not make scratches.
- Maximum discharge of static.
- High quality aluminium brush core.
- Standard and deliverable in stock (various hair lengths and thickness).
- Short delivery period.
- Aluminium holder can be provided with fixating holes of slots.



Single banded spiral roller brushes



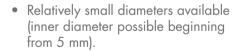
The name of the brush betrays the form of the filling which is spirally shaped. However for the tremendous versatility in the use of these brushes, there is no name! Spiral roller brushes have a long life span thanks to the filling. Another important factor is how even the brush filling is as a result of its construction. It can be used for cleaning surfaces streak free. Naturally the density of the filling is dependent on the application. The filling can be done with the hairs facing inwards or outwards and the material used can range from nylon to glass fibre, from horse hair to messing or wavy steel.

Applications

Cleaning, de-burring, degreasing, de-rusting, ennoble, gluing, grinding, humidifying, oiling, polishing, sealing, washing... and many more!



- Long lifespan.
- Many application and filling possibilities.
- Both open and closed filling density possible.
- Suitable for high rotation speeds.
- Easy assembly and disassembling.







Double banded spiral roller brushes



From a technical point of view the double banded spiral roller brush is a well-conceived tool. This type of spiral brush was developed from experience gained in the manufacture and use of the single band spiral brush. It is important to use the double banded spiral roller brush where it is technically appropriate, namely where heavy duty and hard bristle are used at high rotation speeds. This type of construction offers the advantage of providing different and accurately measured bristle densities. Also it is appropriate for a wide range of bristle types, from very fine to heavy duty steel or synthetic fibres. The bristles remain firmly fixed at all times.



Cleaning, de-burring, degreasing, de-rusting, ennoble, gluing, grinding, humidifying, oiling, polishing, washing... and many more!

- When damaged no degradation in performance of the spiral roller brush.
- Higher rotation speeds possible compared to the single banded spiral roller brush.
- Suitable for more technical complex applications.
- Both open and closed filling density possible.
- Easy assembly and disassembling.
- Relatively small diameters available.





Brush discs



Brush discs are essential parts for all sorts of machines thanks to their versatile applications and wide range of possible designs. For example in car washes or floor scrubbers a synthetic filling is ideal, while for a more aggressive application such as deburring abrasive fibres are a better choice. For more information about "Abrasive brush discs" please see the next page. Our brush discs can be produced in various ways. Examples include brush discs with a metal core which are filled manually with synthetic fibres, discs with a synthetic core which are filled automatically with steel wires or if the brush is used in extremely heavy conditions, a brush disc where the filling material is moulded/glued into the synthetic core for an exceptional strong grip of the filling material.



Applications

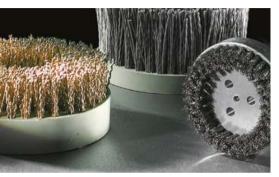
Cleaning, de-burring of edges, de-burring of surfaces, discharging electric charges, finishing, guiding, grinding, polishing, sanding, smoothing, structuring, washing... and many more!

- All kinds of core materials possible: different types of metal, wood and synthetic.
- Large choice of filling materials: various qualities of steel wires and synthetic, abrasive and natural fibres.
- Different production methods possible, depending on your application.
- Various dimensions available.
- Several mounting options possible, depending on your machine.



1111

Abrasive brush discs



Abrasive brush discs in all sizes and designs are ideal for use in robot machining centres and hand tools. The dimensions are as variable as the configuration for the filling material: e.g. polyamide with different abrasive offset like Silicon carbide, aluminium oxide, ceramic and diamond. Of course here - similar to sandpaper - a variety of grit sizes are available. Still to come, abrasive brush discs with wires. Here a large variety is added and there is virtually a suitable filling material for each application.

Applications

De-burring metal, de-rusting, de-scaling, grinding, paint removal, polishing, roughing stone, smoothing, structuring wood, surface treatment... and many more!

- The abrasive fibres are distinguished - if used properly - by high efficiency, excellent flexibility and very good lifespan.
- Practically infinite number of customizable brush shapes and dimensions are possible.

- Significant cost savings over for example sand blasting.
- Broad spectrum of activity: from extremely aggressive and moderate grinding to polishing.



Work tool brushes



In addition to the wide range of industrial and technical brushes, we also offer rotary steel wire brushes, better known as work tool brushes. These brushes are advantageous because they can be easy assembled onto your industrial machining or electric hand tools, such as drilling machines or angle grinders, but also bench grinders, robots or machining centres are common drives for our work tool brushes.

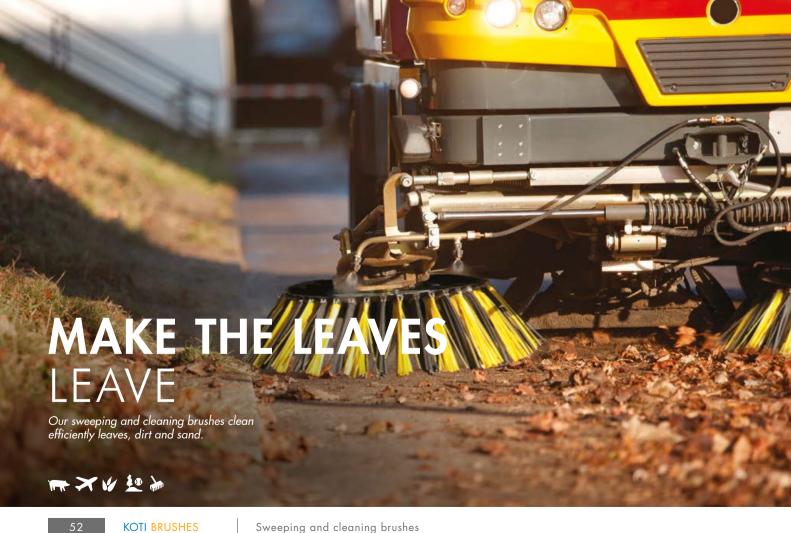
Applications

Cleaning, creating of bare surfaces, de-burring, de-rusting, dust collecting, finishing of surfaces, grinding, matting, polishing, removing of blasting abrasives, smoothing... and many more!



- Many different sizes and designs are possible, from small to large diameters, with or without mounting shaft.
- Easy and quickly replaceable.
- Easy to use.
- Standard Brushes available in stock.
- Made of high quality steel wires or nylon abrasive fibres.







Sweeping and cleaning brushes



Cleaning in a sustainable manner contributes to a better environment. Whether it comes to waste or weeds, you'll always get a clean sweep with our brushes. We continually explore new opportunities to improve, renew and strengthen our cleaning brushes! Therefore we do endurance, wear off and rupture tests. To ensure that you use our brushes to the maximum, we can provide usage indicators to our sweeping brushes. By doing so you are guaranteed to sweep with maximum brush effectivity.

Applications

Cleaning streets and roads, picking up mowed grass, removing sand, mud, paper and confetti residues, snow removal, spreading grass seeds, sweeping leaves, synthetic turf maintenance, weed removal... and many more!



- Dimensions available to suit all machines on the market.
- Sweep efficiently and effectively.
- Environmentally friendly: materials are recyclable after use.





Runway brushes



Our runway brushes sweep runways, landing strips and large surfaces removing waste, debris and snow during winter times. These brushes are developed pursuant to years of experience and endurance tests and are created with high quality materials. The brush cassettes can be mounted on any type of machine.

Applications

Snow removal, sweeping... and many more!

- Sweep efficiently and effectively.
- The brush core can stay on the machine during replacement of the brush cassettes, which will save time and money.
- The brushes are independently replaceable by one person.
- Environmentally friendly: materials are recyclable after use.
- Resistant to temperatures up to -40 °C.
- Dimensions available to suit all machines on the market.

- Most common dimensions available from stock.
- Due to the extra securing wires these brush cassettes meet the standards of the safety regulations.



Hygiene brushes



Hygiene brushes and accessories are a must for all producers and processors of food, pharmaceutical and cosmetics products, gastronomy and laboratories. Our assortment complies with all laws and regulations of the European Union and the regulative of the American FDA (Food and Drug Administration). Almost all products can be sterilized in an autoclave. The products are manufactured according to the PHB Charter for professional hygiene brushes of the European Association of Hygiene Brush producers (FEIBP). This harmonized standard guarantees the user a consistently high quality, regardless of in which country the product is bought.

ApplicationsCleaning, dry

Cleaning, drying, glazing, moistening, oiling, polishing, scrubbing, sweeping... and many more!

- Guaranteed food safe.
- HACCP and IFS compliance.
- Short delivery times.
- Best possible advice and after-sales service (declarations of conformity, etc.).
- 10 different colours available.





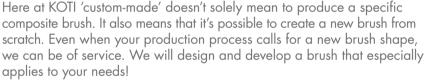


Special brush models



The KOTI Group specializes in producing customized brushes. To solve your specific needs, we rely on our stock-based semi-finished products thus composing any desired custom brush. Supplementary we make sure to find the best materials that are most suitable for your problem. Our technical staff and computerized machinery guarantee a fast delivery of high quality products.

Unique brushes



For more information or advice please contact our sales department. You will find our contact details at the back of this brochure.





WE MAKE IT ALL

Brushes for all industries



BRUSHES FOR ALL INDUSTRIES



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