

**Kiekens: leading when it comes to turn-key solutions**

Kiekens not only listens to customer preferences, but also implements these customisation requirements integrally. This means that we delivery turnkey solutions to the industrial market. From start to finish. From plan to implementation.

Once we have adjusted your system very specifically and up to the minutest detail based on your preferences, we complete the construction, plan the actual installation and deliver it to you set, tested and as a turnkey solution. Obviously, an appropriate work instruction is part of the delivery. You literally only have to turn the key and everything will work as agreed in advance.



**Kiekens**

Innovative, inventive and always seeing the total solution for the customer.

Kiekens Products in Almelo, leading in air technical total solutions. Where other products just deliver, Kiekens offers you total solutions that can be put into operation immediately with added value. A difference that qualifies Kiekens as a top player.



Kiekens is a reliable organisation that contributes to your success based on knowledge, innovation, commitment and many years of experience.

The proven quality of our efficient and flexible services is based on already developed systems, expert professional knowledge and performance indicators.

**Full inventive services and solutions**

Kiekens will ensure customers are supplied with a full service of inventive solutions, will take a constructive approach and aims at having long-term relationships. Its full service assures that the essential production process at the customer can continue to the highest level.

Kiekens always offers a solution that meets customer demands because of its wide and deep product range with regard to both fans and vacuum cleaning products. We will also adjust the systems if customer requirements demand this.



**Strong in service and remarkable in maintenance**

Your production process is crucial. All your efforts are geared towards two important pillars: continuity and operational safety. Service and maintenance for your dedusting systems or fans offered by Kiekens will assure this.

Unexpected faults and failures with regard to your dedusting systems or fans can lead to downtimes and, therefore, valuable production losses. Preventive maintenance minimises the probability of faults and failures

and will extend the service life of your dedusting system, fan or vacuum cleaner. You will also prevent emissions that are disruptive or harmful. Preventive maintenance will often lead to cost savings: possible defects will be discovered during an early stage.

Kiekens has an appropriately equipped and trained service and maintenance department through its partnership with Van der Voort. This experienced team that can be called in quickly can perform all activities that may arise.

**Options:**

- Preventive maintenance
- Corrective maintenance
- Dust emission measurement
- Bearing condition determination
- On-site balancing of fans

**Advantages:**

- Appropriately equipped and trained service and maintenance department.
- Preventive maintenance contributes towards your continuity.
- Better for the environment and for your budget.



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## Applications

### Kiekens: at home professionally in very many markets

Kiekens operates in very many markets with its standard and customised solutions for high-quality dust extraction, filtration, ventilation and dedusting systems. We are fully aware of the specific requirements and preferences for each market and we process them when creating our standard and customised solutions.



#### Food

High-quality dust extraction, filtration and ventilation are essential in the food industry with regard to both health and safety. Dust in food is fatal for quality and, naturally, prohibited. Production employees must also have pure air during every moment of their work process



#### Recycling

Recycling is a process when all types of dust particles can be released. From spoil to textile or metal particles. It is, therefore, crucial and legally mandatory within the recycling process that these released dust particles are extracted professionally for employees and the environment.



#### Agricultural industry

The agricultural industry is coupled to a high production of dust. It is of essential importance that this released dust is extracted professionally to guarantee the well-being of employees and animals, but also for the surrounding area and the environment.



#### Chemical industry

High-quality dust extraction, filtration, ventilation and dedusting systems are essential in the chemical industry. Dust in the chemical production process kills quality. Production employees must also have pure, dust-free air during every moment of their work process.



#### Cement/minerals

The production of cement and the mining of minerals are coupled to high levels of dust. It is of essential importance that this released dust is extracted professionally to guarantee the well-being of employees, but also for the surrounding area and the environment.



#### Metaal

High-quality dedusting systems are essential in the metal industry for both health and safety. Dust in the metal production process kills quality. Production employees must also have pure, dust-free air during every moment of their work process.



#### Pharmaceutical industry

Dust particles must never be mixed with the production of medication. Period. It is, therefore, crucial and legally mandatory within the pharmaceutical production process that these released dust particles are extracted professionally.



#### Energy industry

The energy production process must be fully a pure process. The slightest dust or smallest dust particle can disrupt this process. It is, therefore, crucial and legally mandatory within the energy production process that these released dust particles are extracted professionally.

## Products

### Kiekens: professional when it comes to products

Kiekens is operational with regard to many products. Both standard and customised solutions for high-quality dust extraction, filtration, ventilation and dedusting systems. We are fully aware of the specific requirements and preferences for each product and we include them when creating our standard and customised solutions.



#### Dust filters

Our extensive knowledge of industrial dedusting technology has resulted in a Kiekens Dustmaster industrial dedusting filter programme with a multitude of filtration techniques. They find their way to countless light to heavy fully continuous industrial processes regarding which high demands are set in relation to efficiency, sustainability and emissions.

In addition, our R&D department uses the most advanced 3-D and simulation software that we use to subject both new developments as well as customer-specific solutions to an extensive testing programme. This ensures that Kiekens can establish and guarantee the best possible operation.



#### Industrial vacuum cleaners

Our many years of experience with regard to industrial dedusting technology prove that every liquid and dust problem has its own specific solution. Kiekens offers an extensive range of mobile and stationary industrial vacuum cleaners.

Kiekens combines different air volumes with a series of filtration techniques. They vary from filter bags and folded envelop filters to filter cartridges cleaned with compressed air. Sustainability, a high performance level and wide deployability characterise Kiekens' industrial vacuum cleaners.



#### Fans

Kiekens develops and supplies to the most varied of industries for a multitude of applications. We offer practice-proven and, therefore, reliable fans with a short delivery time and for competitive prices.

The fans are put on the market directly through our own sales department. Kiekens Products produces high-quality, certified top-notch products for both high- and low- vacuum applications because of its many years of experience and continuous research. They perform their work in an environmentally friendly manner because of their high efficiency and low noise level.



#### Oil and oil mist collectors

Kiekens Oilmasters are deployed in many industrial process such as, for example, in the machining industry. Oil mist and fumes are effectively extracted. This provides a clean, safe and optimum working environment.

A multitude of filter types in combination with Kiekens fans creates an extensive programme of oil mist collectors. Kiekens oil mist collectors offer a sustainable solution for basically every process. Secondary high-efficiency filters, moreover, guarantee very slight residue emissions.



#### Central vacuum cleaner systems (high and low vacuum)

Kiekens central vacuum cleaner and high-vacuum filter systems have been developed for the most demanding of applications in all industries. High requirements are set with regard to suction power, efficiency, emissions and sustainability.

Kiekens has a lot of experience in developing vacuum cleaner systems. We combine this expertise with an R&D department that uses the most advanced design and simulation software. This ensures that Kiekens can offer high-quality and customer-targeted solutions.



#### Air cleaners

The Kiekens Airmaster is suitable for suctioning and neutralising gases and odours in countless of sectors through a pre-filter in combination with an active carbon filter. It can be supplied as a Kiekens Airmaster industry and laboratory model.

The ergonomically built Airmaster has a powerful Kiekens fan. Kiekens aligns the filter media for each machine with the application and this ensures that a maximum filtration efficiency can be guaranteed. Kiekens can guarantee the highest efficiency with regard to every Kiekens Airmaster for every application because of this unique application-focused approach.



#### Fan types:

- Clean and dirty air fans
- Turbo fans
- High-pressure fans
- Transport fans
- Axial fans