



CLEAN AIR

IN THE METALWORKING INDUSTRY



DEDICATED TO CLEAN AIR





## We know the metalworking industry – so do our dealers

Since JKF was founded more than 50 years ago, we have co-operated with the metalworking industry in supplying complete solutions of high quality components for process extraction which include filters, cyclones, rotary valves, stainless ducts, standard ducts, fans, special products and accessories.

” Excellent quality products, short delivery times and at fair prices – what more could you want from a supplier...

**Keith Weavin**, managing director,  
Truduct Products Ltd.

Therefore, we know the industry's basic needs and requirements to the functionality of our products and of course the legislation which is in force.

It is regardless of whether it is equipment for the small smithy, the medium-sized welding company or the big international group who are working with metal.

The same experience is applied from our professional network of hand-picked dealers who supply individual and custom-built ventilation and extraction solutions, which ensure clean air for the benefit of the employees, the environment, safety and the reliability of the machines in the production process.





## Metal dust is bad for the working environment – Clean air increase the efficiency

Large amounts of metal dust of varying particle sizes are generated when working with metal.

The smallest particles from, among other things, powder coating and grinding tend to move around in the premises atmosphere. Furthermore, oil is often applied during metalworking which generates a considerable amount of oil mist.

Both dust and mist dry out and irritate the employees' mucous membranes, eyes, skin and respiratory system and are certainly not healthy to inhale.

It is at the expense of the working environment which generates this significant

discomfort for the employees resulting in increased absence from work due to illness and therefore reduced efficiency in the company.

Based on the Danish Working Environment Act we supply – in co-operation with our dealers – efficient and custom-built extraction and ventilation systems which target the challenges and specific requirements of the metalworking industry.

The benefit is a unique combination of good working environment, sustainability, improved products and a positive impact on the company's profitability.



## Demand control and minimal risk of fire and production downtime

It is not only harmful to inhale metal dust and oil mist, but the process of welding, surface treatment and metal working often produce sparks which could potentially cause a fire.

Correct extraction and ventilation systems play a fundamental role when targeted at specific production process.

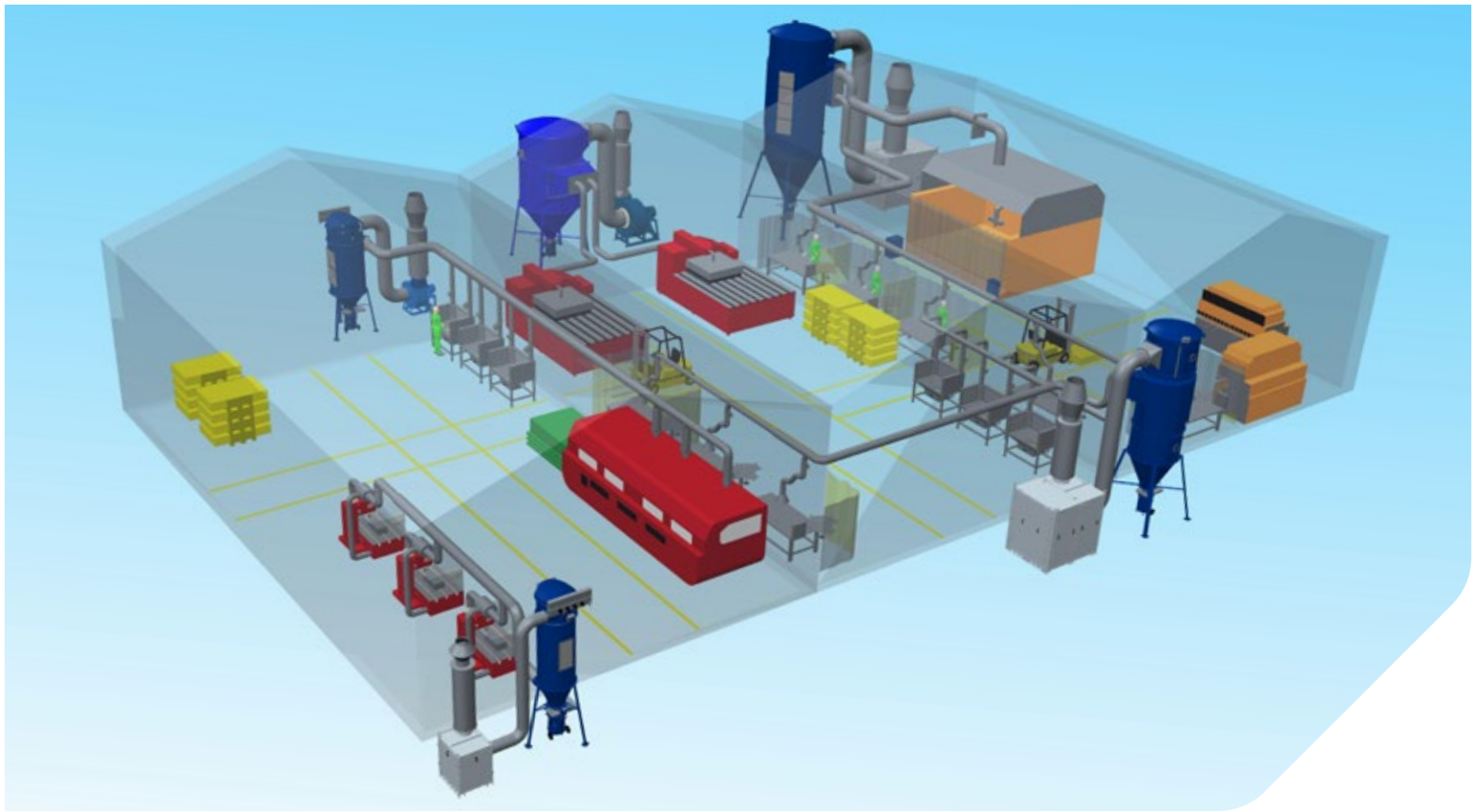
Controlled extraction which is designed to adapt to changes in production activities and

only operate when required offers considerable operating cost savings compared to ventilation systems that are running continuously at all extract points.

Collection of dust generated during the production process aids more reliable machinery and minimizes downtime which often have economic consequences.







## A complete range of products – which reflects on the bottom line

JKF's range of products include filters, filter bags, stainless ducts, cyclones, rotary valves, standard ducts, fans, special products and accessories all of which are all used in process extraction systems.

The products are carefully selected to suit our customer's needs and requirements and

we can supply both small and large solutions at budgets to suit the customer.

Common to all our products is the focus on safety, environment, noise, performance, efficiency, reduction of costs and energy consumption. Designed to provide a competitive time of repayment of the total investment cost they all have a positive effect on the company's bottom line.

Furthermore, all our products are designed in a way so they can not only be used in a total JKF-solution but also used together with other manufactures.

JKF will of course provide documentation for majority of processes and products through its diversity of ISO-certificates.





## THE WAY TO CLEAN AIR



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