

MIRKA

Dust-free your efficiency:

Business benefits from improved efficiency and quality



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Dust-free effect

Mirka is the pioneer of dust-free sanding solutions: we really know dust. In this guide we share our insights on how dust-free solutions affect the efficiency of the business and improve the quality of end products.





The secret to becoming more efficient



Let's face it, we are all searching for the best way to boost productivity.

Traditionally efficiency relates to how much you get out in relation to what you put in, for example how can we ensure our employees are able work faster and do more in a shorter period of time. Nowadays, efficiency can be much more than that. Basically, improving efficiency is all about **working smarter, not harder.**

Improving work efficiency and reducing the risk of costly errors is possible when the right type of equipment is being utilized. And you guessed it, choosing **a dust-free solution is the key.**

Undeniable benefits of dust-free sanding:

- ✓ Clean and healthy working environment
- ✓ Fast sanding process
- ✓ Less consumption of abrasives
- ✓ Improved quality of work
- ✓ Less rework
- ✓ More dedicated employees

Less dust, more money

Dust-free sanding can be a true competitive advantage for your business, as it takes your products to premium level while reducing overall manufacture time and maintenance costs.

Because dust-free sanding is so time saving, you can invest much more time on the finish. This also lets your employees really concentrate on what they know best, instead of wasting valuable time on cleaning up. Combined with a healthier working environment, dust-free sanding can save you considerable costs in finding and training replacement workforce.

Dust-free solutions pay for themselves with all the money saved, boosting your profitability.







“Customers wonder how we’re able to make a piece of junk look brand new”

Timo, Toyota body shop in Finland.

Improving end customer satisfaction

Customer satisfaction is your biggest asset as a business. According to the Customer Experience statistics, it can be five times more expensive to find a new customer than to retain current customers. Happy customers also spread positive word-of-mouth that may turn into new business opportunities.

Naturally the factors affecting the customer satisfaction vary between the industries, but there are some more general benefits that no customer is going to dislike:

- ✓ **Healthy working environment:** no airborne or residual dust during or after project to be worried about
- ✓ **Multitasking:** multiple phases of the project can be undertaken in the same room without risk of dust contamination
- ✓ **Improved quality:** the quality of work is usually improved since dust is removed before next working phase
- ✓ **Faster project turnaround:** since the cleaning time during and after project decreases, the whole process is faster

Customer testimonial

Paint Pot Ladies

The team of Paint Pot Ladies has over 14 years of experience on painting and decorating. Their no-nonsense service and passion to help people to make their place more “you” has won customers over and is clearly visible on feedback they receive.

“

Dust-free sanding has changed our working days tremendously. It’s not only great for ourselves, but also for our customers. We don’t have to clean up after ourselves every time we use sanders, and lots of our customers cannot actually believe how dust-free the working area is during the sanding process. If you place your hand on the surface, there’s nothing there.

It makes our day when we see the customer’s face when they see what we have achieved. For us, the best compliment is being asked to come back for more work.

”

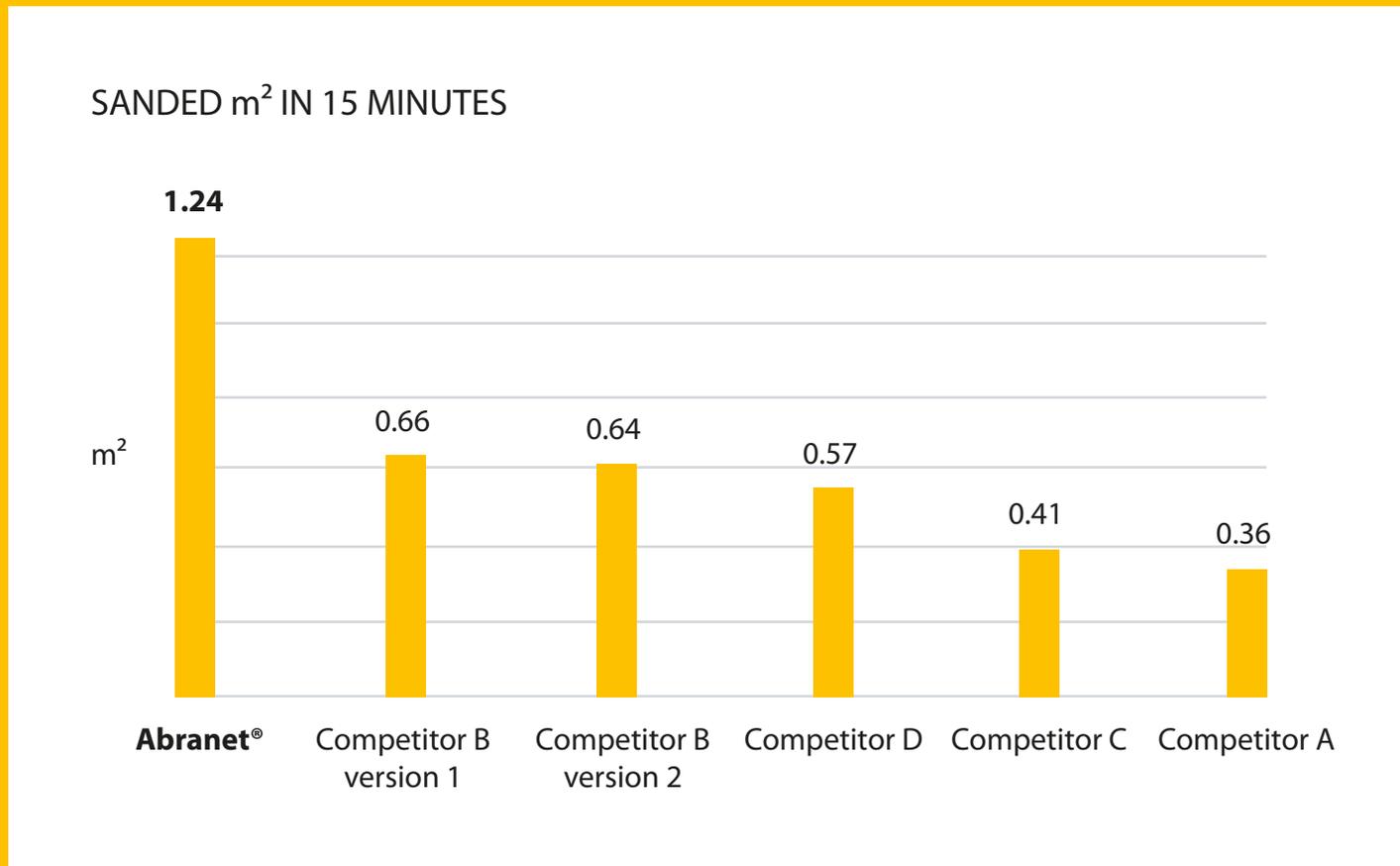




Statistics

Mirka - Tested for efficiency

When dust is removed from the space between the abrasives and the sanded surface, the abrasive grains are cutting the surface more efficiently.



Lifetime & Productivity Test

Abranet® P80

Disc consumption on ½ m²

Abranet



Gold



Competitor B – version1



Competitor B – version2



Competitor C



Competitor C



Application: Paint removal

Paint: water based alkyd paint (Teknos)

Grit: P80, Tool: CEROS 650*

Surface size: ½ m²

Sanding pressure: ~ 4kg

Abranet® Ace HD P60

Disc consumption on ½ m²

Abranet Ace HD



Competitor A



Competitor B – version1



Gold



Competitor B – version2



Competitor C



Application: Paint removal

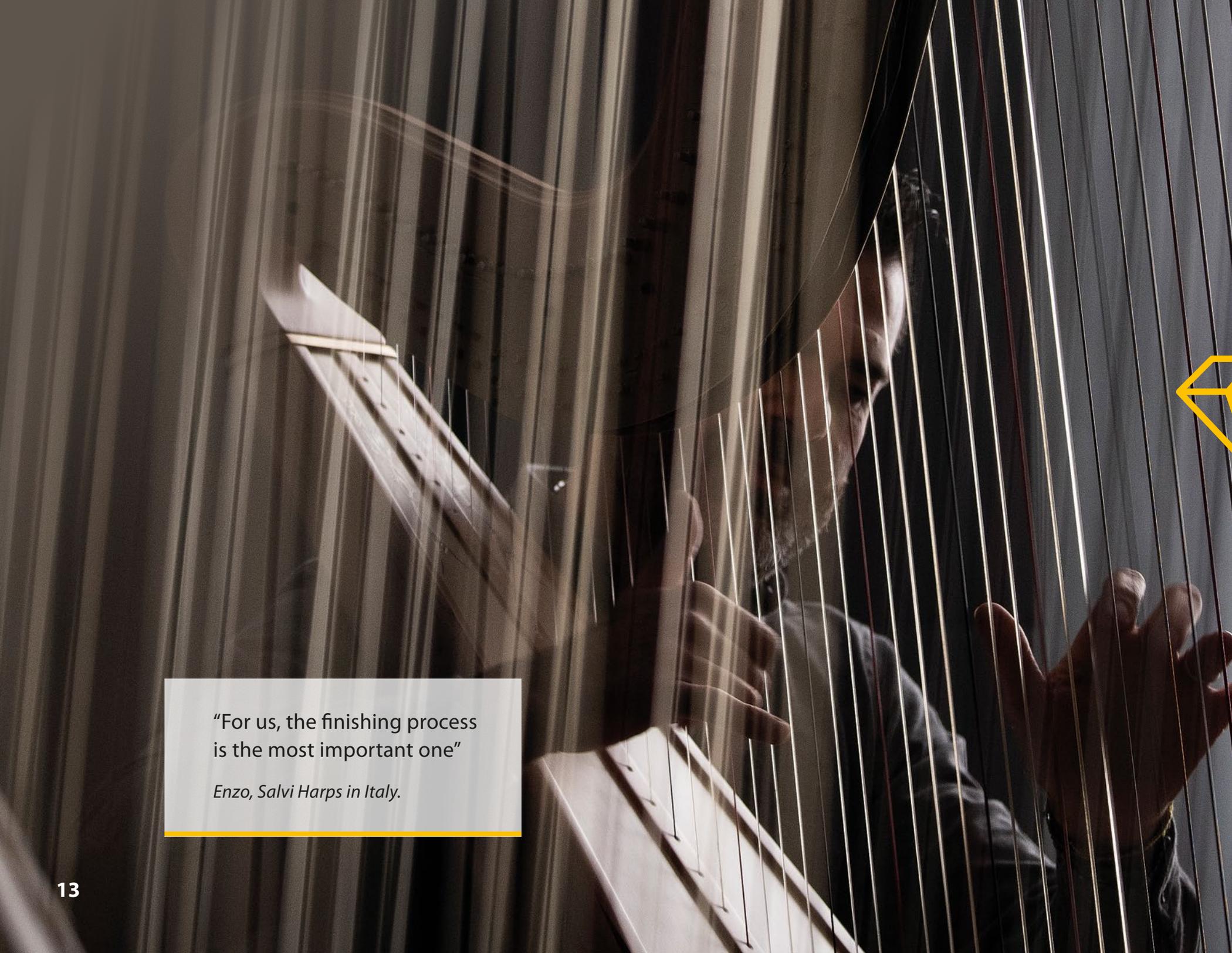
Paint: water based alkyd paint (Teknos)

Grit: P60, Tool: CEROS 650*

Surface size: ½ m²

Sanding pressure: ~ 4kg

*CEROS 650 has been discontinued. Achieve even better results with Mirka® DEROS

A man with a beard is seen through vertical blinds, playing a harp. The scene is dimly lit, with light filtering through the blinds, creating a dramatic and artistic atmosphere. The harp's strings and frame are visible in the foreground, partially obscured by the blinds. A yellow arrow on the right side of the image points towards the man.

“For us, the finishing process
is the most important one”

Enzo, Salvi Harps in Italy.



Improved quality, less rework

A dust-free working environment leads to a higher quality end result and lessens the need for reworking.

A clean working area and dustless tools are more precise to use, making it easier to achieve the desired end result. This means less stress and fewer mistakes for employees.

With no airborne dust, the risk of dust inclusion in paintwork lessens, for example. This makes it possible for other work to go ahead during the sanding process without the quality of finish becoming compromised.

Dust-free (working) environment

As well as being good for your profitability, dust-free solutions also benefit the environment.

Due to their clogging-resistant capabilities, the effective sanding lifespan of dust-free abrasives is longer than traditional abrasives. This means you get more use out of them, depending of the exact working area. Mirka Abranet has even been reported to have the lifespan of 10-15 times longer than traditional abrasives, in sectors where soft materials are sanded.

Other environmental benefits include the need for fewer other consumables as the working process is faster. Water consumption is also smaller due to lesser need for cleaning the working areas.





MAS Furniture





Customer testimonial

MAS Furniture & Kattera

India-based MAS Furniture company chose Mirka products for a dust-free working environment. They were thrilled about increased profits as well as significantly improved worker health and safety.

“

Mirka India South Team has been very vigilant in creating a milestone for the wood industry. Our customer, MAS Furniture and Kattera agreed on a demonstration in their facility.

The customer is now totally satisfied with the dust-free solution recommended by Mirka. Productivity has improved significantly and workers have a better working environment. New Mirka tools and abrasives were ordered for the complete facility, which now has a state-of-the-art look.

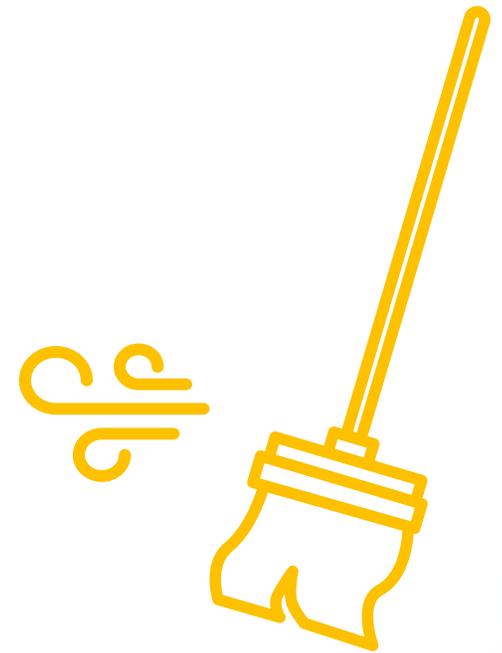
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5 easy steps towards a dust-free environment

Laboratory tests have proven the benefits of dust extraction. If 1000 grams of material is removed by sanding, using no dust extraction, over 200 grams of dust remains in the air and nearly 800 grams lands on surrounding surfaces. Over a long period this forms not only a fire hazard but a significant health risk.

With these simple steps, the amount of dust in the working environment can easily be minimized.

- 1 Invest in a dust-free solution and only use tools perfectly matched to the material
- 2 Ensure that the product is regularly serviced for optimum performance
- 3 Ensure a suitable ventilation/extraction system
- 4 Wear personal protection equipment: safety glasses, gloves and respiratory masks
- 5 Replace the cutting strip if performance drops





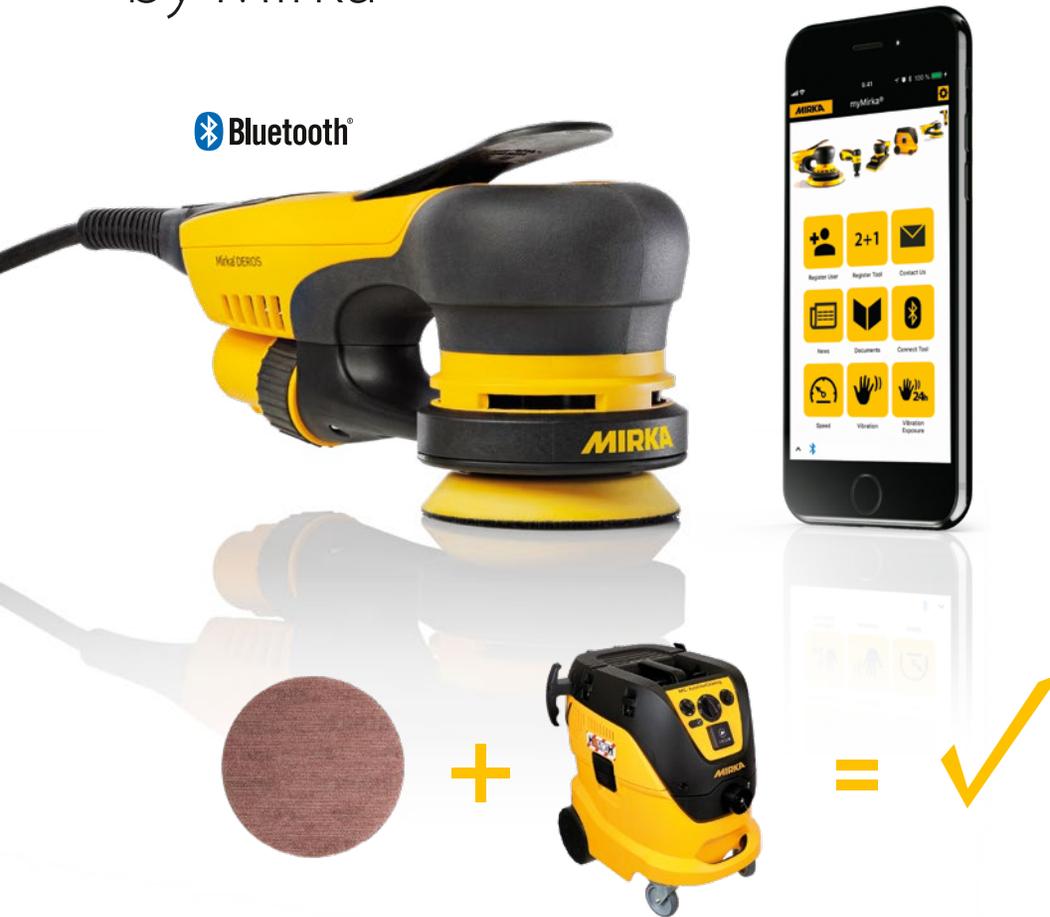
Mirka is dedicated to a dust-free world

Mirka is the renowned pioneer of dust-free sanding solutions, succeeding in something where many others have previously failed. We are the original developer of dust-free sanding solution that has since become an industry standard. Mirka's dust-free solution combines an ergonomic power tool with a completely even Abranet sanding net and an efficient dust extractor.

Abranet has thousands of holes and the maximum distance from each sanding particle to the closest dust extraction hole is always just 0.5 mm. Since the dust is being continuously sucked away by the extractor, sanding is virtually dust-free. This contributes to a clean and healthy working environment, reducing the dust load from dangerous particles on lungs while providing many other benefits in the form of efficiency and work motivation. Keeping the abrasive and sanding surface constantly dust-free also extends the lifespan of the abrasive and prevents problems, such as the formation of so-called dust pills and clogging.

The bottom line is that dust-free sanding is a matter of productivity, profitability and business development, not just another costly investment.

Digital and Dust-free solution by Mirka



Download the **myMirka app** to try out advanced features. Combine with **Abranet** and **Mirka Dust Extractor** to breathe easy in a dust-free environment.

How to get in touch with us

We appreciate you taking the time to read this mini guide. If you have any questions or need further information, please feel free to contact us.

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Dedicated to the finish.