

MIRKA



MIRKA® DEROS – electrifying efficiency

Plugs into an ordinary power outlet to deliver extraordinary performance

The Mirka Power Tools unit continues to set the pace for innovative design, powerful performance and clever features, and the MIRKA® Direct Electric Random Orbital Sander (or DEROS for short) is a prime example. Not only is it the first ever electric sanding machine with a brushless motor and no external power supply, it is also the lightest electric machine on the market.

Thanks to its high efficiency brushless motor, the MIRKA® DEROS also has plenty of power to get the job done quickly. Indeed, its performance is actually comparable to a conventional 500W electric machine and that ensures it maintains a constant speed even under heavy load. The innovative design of the brushless motor means there are few wearing components so it is low maintenance, ultra-reliable and has a long lifespan. In contrast to conventional electric machines, the MIRKA® DEROS also features a 'closed construction' which prevents dust from entering the motor where it can cause wear and damage.

Mirka's trademark attention to detail has created a machine packed with groundbreaking features. This includes a soft start function, a built in electronic motor brake and a smooth, easy to operate lever to control motor speed. A pad brake that also acts like a seal minimizes the air leakage between the pad and the shroud. This makes the dust extraction more efficient. In addition, the power cord is removable and interchangeable.

As with all Mirka machines, excellent ergonomic design was a top priority to ensure the MIRKA® DEROS can comfortably be used for long periods without fatigue. For example, gripping the machine is more controlled and relaxed thanks to extra space for the ring and little finger. The unique symmetrical design makes it just as comfortable whether it's being used in the left hand or the right hand and the longer body provides the option of a two-hand grip. What's more, with no external power supply required, it also gives users a valuable advantage in terms of easy manoeuvrability.

There are plenty more powerful arguments for choosing an electric MIRKA® DEROS over a pneumatic machine. There is no need for a compressor, it doesn't require oiling and there's no risk of job contamination from a compressed air supply. Indeed, with its industry leading list of features and benefits, the MIRKA® DEROS is now the convenient solution to use anywhere a power source is available.





MIRKA® DEROS is suitable for multiple sanding operations

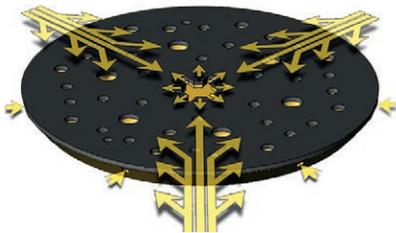
Technical data	DEROS 550CV	DEROS 5650CV	DEROS 625CV
Mirka code	MID5502011	MID5650201CA	MID6252011
Weight	1.0 kg	1.05 kg	1.02 kg
Power	350 W	350 W	350 W
Voltage (main supply)	220–240 VAC	220–240 VAC	220–240 VAC
Speed	4,000–10,000 rpm	4,000–10,000 rpm	4,000–10,000 rpm
Noise level	71 db(A)	71 db(A)	71 db(A)
Orbit	5.0 mm	5.0 mm	2.5 mm
Size of pad	Ø 125 mm (5")	Ø 125 / 150 mm (5" / 6")	Ø 150 mm (6")
Packaging	Cardboard box	Plastic case	Cardboard box

Technical data	DEROS 650CV	DEROS 680CV
Mirka code	MID6502011	MID6802011
Weight	1.05 kg	1.06 kg
Power	350 W	350 W
Voltage (main supply)	220–240 VAC	220–240 VAC
Speed	4,000–10,000 rpm	4,000–10,000 rpm
Noise level	71 db(A)	71 db(A)
Orbit	5.0 mm	8.0 mm
Size of pad	Ø 150 mm (6")	Ø 150 mm (6")
Packaging	Cardboard box	Cardboard box



Central Air Inlet

The air channels leading to the center of the backing pad has an increased air flow and therefore the dust is removed efficiently from the center.



MIRKA® DEROS in case offers a 2-in-1 solution

DEROS delivered in Mirka Case includes both 125 mm and 150 mm pad, which enables the operator to choose the pad size according to surface size.



For more information please visit www.mirka.com and check our videos on the Mirka YouTube channel.
KWH Mirka Ltd, Finland

