

# Mirka® DEROS



# Mirka® DEROS

Unequaled Performance. Brushless DC Power.

Mirka® DEROS is the first random orbital electric sander using advanced brushless DC motor technology, without the need for an external power transformer. Performance unequaled by any competitive electric sander can now be found within reach of any standard 110 volt outlet.

Mirka® DEROS is exceptionally compact in size. Due to its compact brushless electric motor, it is about half the size and weight of conventional electric sanders, at 3.75in. high and weighing only 2.2lbs. The Mirka® DEROS also features a closed construction which prevents dust from entering the motor where it can cause wear and damage, resulting in a longer machine lifespan.

**Throttle Lever:** The palm throttle controls the variable speed by simply pressing down on the lever. When fully depressed, the tool runs at the maximum set speed up to 10,000 rpm. The throttle can also be set to act as a simple "on/off" switch.

**Speed Controls:** Pressing the soft-touch + or - button will set the maximum speed of the sander between 4,000 rpm and 10,000 rpm.

**Dust Collection Shroud:** DEROS has an internal brake seal that prevents loss of vacuum efficiency between the sander and the backing pad. The seal also reduces the tendency for the backing pad to free spin which can cause unwanted sand scratches.



**Ergonomic Benefit:** DEROS has a symmetrical design, which allows the sander to be used right or left handed with equal ease. The lightweight, composite housing is rubber coated to reduce vibration.

**Quick Connect Cord:** Convenient push-lock connection is molded into the handle to attach the AC power cord.

**Vacuum Connection:** The vacuum uses a secure, internal-thread design to connect 1" I.D. vacuum hoses.

DEROS	5" Tool	6" Tool	6" Tool
	MID55020CAUS	MID65020CAUS	MID62520CAUS
Weight	2.2 lbs	2.2 lbs	2.2 lbs
Power	350 W	350 W	350 W
Input Voltage	100-120 VAC	100-120 VAC	100-120 VAC
Height	3.74" (95mm)	3.74" (95mm)	3.74" (95mm)
Speed (rpm)	4,000 - 10,000	4,000 - 10,000	4,000 - 10,000
Noise Level	71 db(A)	71 db(A)	71 db(A)
Orbit	5 mm	5 mm	2.5 mm
Pad Size	5" (125mm)	6" (150 mm)	6" (150 mm)

# The Portable Dust-Free System

MIRKA® DEROS is designed to work perfectly with Mirka's revolutionary NET abrasives. Combined with a dust extraction system, it provides a cleaner work environment, better control over the job and a higher quality finish.

**net**  
BY **MIRKA**

Mirka's innovative NET sanding products eliminate the frustrating problem of dust clogging the abrasive and creating pills which cause defects in the sanding surface.

The net product retains its original aggressive sanding performance longer, resulting in fewer abrasives needed for the job. Since dust is continuously being sucked away it's always possible to see exactly what is happening at the sanding surface and avoids problems such as over sanding.

Mirka's industrial dust extractor is designed for dust-free sanding in combination with pneumatic machines, hand-sanding blocks, and electric machines, including the Mirka® DEROS Sander. The dust extractor has variable suction settings and automatic electric start. The anti-static hose is lightweight and flexible. Vacuum hoses are available with an integrated coaxial electric cord.



Mirka® DEROS Sander



Mirka's NET Abrasives



Coaxial Vacuum Hose  
5.5m (18') MVHA-5  
33' Length available MVHA-10



Dust Extractor  
MV-912

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Quality from start to finish