

**MIRKA**

# CORDLESS SOLUTION

Where convenience meets control.

# About Mirka

**MIRKA LTD** is a family-owned Finnish company and a world leader in abrasives technology innovation. We are offering a complete range of technically superior, high quality abrasives, innovatively designed tools, complete sanding systems and supplementary products. This total innovative solution delivers real benefits to customers in terms of speed, first-class efficiency, surface finish quality and cost effectiveness, even when tackling the most demanding applications.

Mirka is the first company in its sector to obtain the three most important quality standards. The production process

guarantees reliable quality by following the ISO 9001 quality assurance system. The OHSAS 18001 occupational health and safety management system ensures a high level of work safety. The ISO 14001 environmental management system proves that we consider the environment in all our activities.

97 percent of our products are exported and sold across the globe through our subsidiaries and importers.



Read more: [www.mirka.com](http://www.mirka.com)



## Corporate Responsibility

### **CONTINUOUS IMPROVEMENT TOWARDS SUSTAINABILITY.**

Changing conditions inspire us to improve and grow our business. We see that our customers are as interested in sustainability as we are. This is why our product development is focused on innovating the best sustainable products and systems, while continually improving our own environmental performance.

Our business is focused on providing the best surface finishing preparation tools and systems to customers. To be the most sustainable finishing systems provider, we are digging deep down to the core of our company to figure out what it really means to be sustainable. We have accomplished a great deal already and have many more initiatives we will take on in the future.

For people working at Mirka, it has always been clear to not waste financial or material resources – of our own or those of our customers. We find it is equally clear to preserve the planet's resources. Sustainability is a natural extension of this approach. It means taking

the economy, the earth, and people into consideration when we make business decisions – now and for future generations.

We are continuously looking for opportunities to reduce our environmental footprint – this aligns with our company values and also cuts costs. We have worked hard to conserve energy and raw materials, reduce waste, increase recycling, and decrease the use of persistent chemicals. We are developing healthier, safer, and more efficient products and processes so that our customers and employees will benefit. For example, our dust-free sanding systems help protect the lungs of workers while giving a cleaner and better surface finish.



## CONTENT

---

About Mirka	2
Mirka Cordless. Where convenience meets control.	4
Spot Repair Solution Tools and Accessories	6
Easy Spot Repair Solution	7
Mirka Cordless Sanders	8
Mirka Cordless Sanders Technical specification	9
Mirka Cordless Polishers	10
Mirka Cordless Polishers Technical specification	11
Abrasives	14
Polishing Pads	14
Polishing Compounds	15
Battery Packs	15



# Mirka® Cordless. Where convenience meets control.

## Cordless convenience

Mirka cordless tools are light, ergonomic and optimised for spot repair and finessing. Ideal for professionals who appreciate the convenience of cordless. Incredibly nimble, they are quiet, small and need very low maintenance thanks to the brushless motor. Cordless tools are delivered with two 2.5 Ah 10.8V Li-ion batteries and a charger. 5Ah 10.8V Li-ion batteries are available to buy separately.

## Complete control

With variable speed on the trigger you get easy control of the process by touch. Mirka's cordless tools are top of the range models with Bluetooth connectivity, which means additional options for digitally controlling the process via the myMirka® app. The latest features are RPM range management and auto-stop function (in-app purchases). It's never been easier to standardise your spot repair or finessing process.

For a comprehensive cordless system, combine Mirka cordless sanders and cordless polishers. Complete the solution with spot repair abrasives and polishing compounds manufactured by Mirka in Finland.





Mirka ARP-B (Rotary) cordless polisher with 77 mm backing pad and 5.0 Ah Li-ion battery.

# Spot Repair Solution Tools and Accessories



Novastar® SR



Damper with detergent or water



Yellow microfiber cleaning cloth



Mirka® AOS-B and AROS-B Sanders



Mirka® ARP-B and AROP-B Polishers



Polarshine® 12



Mirka foam pad, yellow waffle



Mirka Multi-purpose belt



# Easy Spot Repair Solution

Spot repair with Mirka® AOS-B sander and the Mirka® AROP-B cordless polisher



1 For removing of defect use Novastar® SR and Mirka® AOS-B 130NV sander.



2 Always use water when sanding, apply water to both abrasive and the defected area. Use Mirka damper for best result.



3 Lightly press with the sander and sand for 2–3 seconds.



4 Wipe clean and check the surface. Repeat step 3 if needed. Use Mirka soft micro fibre cloth.



5 For polishing and finalising use the cordless Mirka® AROP-B 312NV polisher, Mirka® Yellow waffle pad and Polarshine® 12.



6 Apply a small amount of Polarshine® 12 on the polishing pad or directly to the defected surface area.



7 Polish by gently pressing. Use at moderate speed. Wipe clean and check the surface. Repeat if necessary.



8 Use Mirka soft micro fibre cloth for final cleaning.

# Mirka® AOS-B and AROS-B

## Mirka Cordless Sanders



Move freely without getting tangled up in cords or hoses. Easy and efficient spot repairs with Mirka's cordless sanders. The small, lightweight sanders have brushless motors. The ergonomic design has been a priority to ensure that the tools can comfortably be used for long periods without fatigue.

Cordless sanders are more energy efficient than pneumatic tools. They do not require oiling, which removes the risk of contamination. The sanders deliver consistent performance up to 16 hours in spot repair use. The 10.8V Li-ion battery charges in 45 minutes – so with two batteries, there is no downtime.

Mirka AOS-B has a 3 mm orbit, whereas Mirka AROS-B has a random 5 mm orbit for more efficient stock removal. Mirka's state-of-the-art cordless tools have Bluetooth connectivity. Download the myMirka® app to make use of advanced features such as auto-stop function and RPM range management (in-app purchases).



red dot award 2017  
winner

AOS-B 130NV



AROS-B 150NV



# Technical Specifications

## Features and benefits

- Small and ergonomic, very comfortable to use
- Quick start and adjustable rpm up to 8000
- Low noise levels and no disturbing cable or hose
- Long usage time, up to 16 hours, for spot repairs
- Economic to use – energy efficient and quick-charging battery
- Easy attachment of backing pad thanks to Quick lock -system



Technical specifications	Mirka® AROS-B 150NV	Mirka® AOS-B 130NV
<b>Code</b>	8991150311	8991230311
<b>Voltage</b>	10.8 VDC	10.8 VDC
<b>Speed</b>	4,000 – 8,000 rpm	4,000 – 8,000 rpm
<b>Orbit</b>	5.0 mm ( $\frac{3}{16}$ "	3.0 mm ( $\frac{1}{8}$ "
<b>Size of backing pad</b>	Ø 32 mm (1 $\frac{1}{4}$ "	Ø 32 mm (1 $\frac{1}{4}$ "
<b>Connectivity</b>	Bluetooth	Bluetooth
<b>Degree of protection</b>	III	III

Battery charger	BCA 108
<b>Input</b>	100 – 240 VAC, 50/60 Hz
<b>Charging time</b>	< 40 min (2.0 Ah)
<b>Storage temperature range</b>	-20 °C...80 °C
<b>Charging temperature</b>	-0 °C...40 °C
<b>Dimension</b>	191 x 102 x 86 mm
<b>Net weight</b>	0.66 kg (1.46 lbs)
<b>Degree of protection</b>	II / ☐

Battery pack	BPA 10820*
<b>Type</b>	Rechargeable Li-ion 3I(NCM)R19/65
<b>Battery voltage</b>	10.8 VDC
<b>Capacity</b>	2.0 Ah 21.6 Wh

\*Current battery size. The 2.0 Ah battery will be replaced by 2.5 Ah batteries gradually from September 2019.

# Mirka® ARP-B and AROP-B

## Mirka Cordless Polishers



Mirka ARP-B and Mirka AROP-B are ideal for professionals; light, ergonomic and optimised for spot repair polishing. Incredibly nimble, they are easy to move around – with no cord to get tangled or air supply that can get contaminated. Quiet, small and very low maintenance thanks to the brushless motor.

and a 77 mm backing pad. The random orbital polisher Mirka AROP-B 312NV is similarly brushless with 77 mm backing pad and it has a 12 mm orbit. Mirka's state-of-the-art cordless tools have Bluetooth connectivity. Download the myMirka® app to make use of advanced features such as auto-stop function and RPM range management (in-app purchases).

Mirka ARP-B 300NV is a rotary polisher with a brushless motor

### Features and benefits

- Small, light and ergonomic
- Strong and efficient – high torque and optimal rpm
- Very low noise level
- Intelligent and quick-charging battery in two sizes
- Possibility to standardise processes with the myMirka app
- Variable speed trigger – adjust speed on the go

**NEW!**





## Technical Specifications

Technical specs	Mirka® AROP-B 312NV	Mirka® ARP-B 300NV
<b>Code</b>	8991012311	8991000311
<b>Voltage</b>	10.8 VDC	10.8 VDC
<b>Speed</b>	4,000 – 7,000 rpm	1,500 – 2,000 rpm
<b>Orbit</b>	12.0 mm (1/2")	0 mm (0")
<b>Size of backing pad</b>	Ø 77 mm (3")	Ø 77 mm (3")
<b>Weight (incl. battery)</b>	0,89 kg	0,87 kg
<b>Connectivity</b>	Bluetooth	Bluetooth

Battery pack	BPA 10825	BPA 10850
<b>Type</b>	Rechargeable Li-ion 31NR19/65	Rechargeable Li-ion 31NR19/65-2
<b>Battery voltage</b>	10.8 VDC	10.8 VDC
<b>Capacity</b>	2.5 Ah / 27.0 Wh	5.0 Ah / 54.0 Wh
<b>Intelligent battery</b>	Yes	Yes

Battery charger	BCA 108
<b>Input</b>	100 – 240 VAC, 50/60 Hz
<b>Charging time</b>	< 40 min (2.0 Ah)
<b>Storage temperature range</b>	-20 °C...80 °C
<b>Charging temperature</b>	4 °C...40 °C
<b>Dimension</b>	191 x 102 x 86 mm
<b>Net weight</b>	0.66 kg (1.46 lbs)



# THE CORDLESS SOLUTION

---

Where convenience  
meets control.



**MIRKA**

# Abrasives



## Novastar SR3

**Mirka product code: FH32500103**

» High precision spot repair abrasive for correcting small painting defects and removal of dust particles in top coats and clear coats.



## Novastar SR5

**Mirka product code: FH32500105**

» High precision spot repair abrasive for correcting small painting defects and removal of dust particles in top coats and clear coats.

## NEW!

### Microns and grits

The number in the product name represents micron, the unit used to measure size of particles in the abrasive. Corresponding grit:

Novastar SR 3  $\mu$  = P5000

Novastar SR 5  $\mu$  = P3000

# Polishing Pads



## Foam Pad, yellow waffle

» Pad with excellent elasticity. Suitable for all kinds of polishing processes.



## Foam Pad, black waffle

» Foam pad for hologram removal gives an excellent finishing on both fresh and fully cured paint works.



## Lambswool Pad Pro 80mm

» Pad made of premium wool fibers optimized to keep the performance on a high level for demanding use.



# Polishing Compounds

## POLARSHINE® 12 POLISHING COMPOUND

**Mirka product code: 7991210111 (1 L)**

» Polarshine 12 is a water-based and silicone-free 1 step polishing compound. Will remove scratches from P2500 or finer. It has a perfect balance of haze and hologram versus speed of cut.



## POLARSHINE® 10 POLISHING COMPOUND

**Mirka product code: 7995010111 (1 L)**

» Ultimate single compound system designed for achieving the best result after sanding. It is suitable for all paint systems and for polishing of scratch resistant clear coats. Removes scratches from P1500 and finer.



## POLARSHINE® 5 POLISHING COMPOUND

**Mirka product code: 7990500111 (1 L)**

» Polarshine 5 is developed to give a superior high gloss finish on various paints and lacquers. This water-based polishing compound removes swirl marks on paints and clear coats, leaving a high gloss finish.



## POLARSHINE® VF5 POLISHING COMPOUND

**Mirka product code: 7992450511 (1 L)**

» Polarshine VF5 is a medium fine polishing compound suitable for hologram removal and removal of sanding marks after sanding with grits P2500 and finer. It is silicone free and suitable both for machine or hand applications.



# Battery Packs



### **BPA 10825 Intelligent battery**

**Type:** Rechargeable Li-ion 31NR19/65  
**Battery voltage:** 10.8 VDC  
**Capacity:** 2.5 Ah / 27.0 Wh  
**Intelligent battery:** Yes



### **BPA 10850 Intelligent battery**

**Type:** Rechargeable Li-ion 31NR19/65-2  
**Battery voltage:** 10.8 VDC  
**Capacity:** 5.0 Ah / 54.0 Wh  
**Intelligent battery:** Yes

**MIRKA**

 **Bluetooth®**



**my Mirka®**  
digital services & connectivity

## Digital solution by Mirka

Download the *myMirka app* to try out advanced features.

**Mirka Ltd**  
Jeppo, Finland  
sales@mirka.com  
[www.mirka.com](http://www.mirka.com)

Follow us on:



Dedicated to the finish.