

**Sanding And Polishing  
Tool System**



Distributed by:

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## About ShineMate

We started our venture in 2005.

We are dedicated to surface finishing applications and solutions.

We serve body-shop refinishing, car detailing, industrial sanding, and polishing fields.

We manufacture electric and cordless tools: Polishers, Orbital Sanders, and spot repair tools, etc.

We manufacture all kinds of pads: Polyurethane backing plates, Rubber pads, Foam pads, Wool pads, Microfiber pads, Hand sanding blocks, etc.

We sell in over 80 countries.

We expect our products and service will satisfy you!

ShineMate, Create Shining Perfection!

Waiting for your inquiries!

ShineMate Team

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— 1. Electric Round Sander





# ES700

## Electric Sander



ES700 random orbital sander, designed for car body sanding in automotive paint preparation, as well as furniture, woodworking and other industrial sanding.

Compact design and 1.38kg light weight reduce fatigue on operators for long-term work; Brushless motor offers constant speed under load; Powerful self-vacuum and central vacuum help maintain a clean environment on sanding surfaces.

### Key Features:

- Brushless motor for long service life and high power
- Powerful self-vacuumping, getting rid of the constraints of vacuum hose
- Detachable cable, convenient to operate
- Double-bearing eccentric design, excellent balance
- Full wave electronics control, constant output speed
- 3mm/5mm Orbit size, for coarse and fine sanding

# ES700

## Electric Sander



### Brushless Motor

380W high-voltage motor ensures powerful operation and a long service life.

### Powerful Self-Vacuumping

Work with dust extractor or a dust bag to achieve an excellent dust removal effect.

### Detachable Cable

Easy to install or remove the power cable and vacuum hose together.

### LED Light

An LED light on the head of the machine to facilitate sanding in a dark environment.

### Stop Ring

Effectively prevents the backing plate from damaging the paint surface.

### Double-bearing Design

High-precision double-bearing design to optimize balance and achieve stable control.

### More Features

- Compact and lightweight body for one-hand operation
- 6-Level speed setting
- Constant speed output under load
- Overload protection function
- Comes with Dust Devil backing plate for rapid heat dissipation, compatible with mainstream sanding discs

### ES700 | Specification

Model	ES700-5/3	ES700-6/3	ES700-5/5	ES700-6/5
Orbit Size	3mm	3mm	5mm	5mm
Backing Plate	5"(123mm)	6"(148mm)	5"(123mm)	6"(148mm)
Input Power	Rated 380W			
Input Voltage	220-240V~ 50/60Hz 100-120V~ 50/60Hz			
No Load Speed	4000-10000/min			
Dust Removal	Self-vacuumping & Central vacuumping			
Thread	M8			
Dia. of Exhaust Adaptor	30mm			
Power Cord	5 meter, Detachable or Fixed			
Bare Tool Weight	1.38kg			



## ES526/ES516 Electric Sander



ES526 professional-grade electric sander, mainly used for car body sanding in automotive paint preparation, also broadly used in industrial sanding such as furniture and woodworking for its high safety and efficiency.

### Features:

- Detachable cable for convenient use
- Optimized structure, improved performance
- 5mm/3mm Orbit size, for coarse and fine sanding
- Full wave electronics controlling, constant speed output
- CE certification, comply with European standards



## ES526 Electric Sander



### Ergonomic and User-friendly Design

Enlarged machine body, the heat is less transferred to the handle; Lengthened handle for better grip; A Light weight of 1.73kg reduces fatigue for long-term use.

### Optimized Heat Dissipation

Improved motor performance and stronger adaptability to high-intensity work thanks to enlarged air vents.

### Long Service Life

Dust-proof bearings and switch for longer service life.

### Safe and Efficient Sanding

The machine features a soft start and constant speed output.

### Dual Speed Regulation

Precise speed control through a 6-level stepless dial and variable switch.

### Double Dust Extraction

Self-vacuuming with a dust bag; Central-vacuuming by connecting to an external dust extractor



### ES526/ES516 | Specification

Model	ES526-6/3	ES526-6/5	ES516-6/3	ES516-6/5
Orbit Size	3mm	5mm	3mm	5mm
Backing Plate	6"(148mm)		6"(148mm)	
Input Power	400W (Max. 600W)		400W (Max. 500W)	
Input Voltage	220-240V~ / 100-120V~		220-240V~ / 100-120V~	
No Load Speed	4000-10000/min		4000-10000/min	
Dust Removal	Self-vacuuming & Central vacuuming		Self-vacuuming & Central vacuuming	
Thread	M8		M8	
Dia. of Exhaust Adaptor	30mm		30mm	
Noise	77 dB(A)		77 dB(A)	
Power Cord	5 meter, Detachable or Fixed		5 meter, Fixed	
*Weight	1.73kg		1.6kg	

\*no cable or accessories



# ES502

## Electric Sander



ES502 is a wear-resistant and durable industrial-grade electric sander with strong power and high reliability. It is widely used in ships (yachts), buses (passenger cars), rail trains (subway, high-speed rail), furniture etc.

**Features:**

- 600W Powerful motor
- 12mm Orbit for large area sanding
- Full wave electronics control for constant speed
- European standards, with CE certification

# ES502

## Electric Sander



**Eccentric Balance System**

High precision double bearing, optimized balance performance, more stable control.

**Multi-hole Backing Plate With Stop Ring**

Safe and precise sanding, multi-hole design, compatible with mainstream sanding discs in the market.

**6-Level Stepless Speed Setting**

3200-7200/min for multiple working conditions.

**Constant Speed**

Built-in chip-controlled load feedback module to maintain constant output speed.

**Central Vacuuming**

Connect with 25-35mm hose.

**Dust-proof Switch**

Effectively isolate dust and debris, prolong the service life of the machine.

**Ergonomic Design**

Slim body for comfortable holding and better control.

**ES502 | Specification**

Model	ES502-6/9	ES502-6/12
Orbit Size	9mm	12mm
Backing Plate	6"(148mm)	
Input Power	600W	
Input Voltage	220-240V~ / 100-120V~	
No Load Speed	3200-7200/min	
Dust Removal	Central vacuuming	
Thread	M8	
Noise	84.5 dB(A)	
Power Cord	5 meter, Fixed	
Weight	2.2kg	
Accessories	Carbon brush, Wrench	



— 2. Square Sander





## ES527/ES517

### Electric Sander



ES527 is an electric orbital sander with a detachable cable, specially designed for automotive and industrial sanding, mainly for removing old paint and sanding putty, primer and clear coat.

#### Features:

- Detachable cable for convenient use
- Optimized structure, improved performance
- 3mm Orbit size, for fine sanding
- Full wave electronics controlling, constant speed output
- CE certification, comply with European standards



## ES527 Electric Sander



#### Ergonomic and User-friendly Design

Enlarged machine body, the heat is less transferred to the handle;  
Lengthened handle for better grip;  
A Light weight of 1.99kg reduces fatigue for long-term use.

#### Optimized Heat Dissipation

Improved motor performance and stronger adaptability to high-intensity work thanks to enlarged air vents.

#### Long Service Life

Dust-proof bearings and switch ensure a long service life.

#### Safe and Efficient Sanding

The machine features a soft start and constant speed output.

#### Dual Speed Regulation System

6-level stepless speed regulation, the machine speed can be adjusted by pressing the accelerator switch.

#### Double Dust Collection

Self-vacuuming with a dust bag;  
Central-vacuuming by connecting to an external dust extractor

#### ES527/ES517 | Specification

Model	ES527-3	ES517-3
Orbit Size	3mm	3mm
Backing Plate	93x175mm	
Input Power	400W (Max. 600W)	400W (Max. 500W)
Input Voltage	220-240V~ / 100-120V~	
No Load Speed	4000-10000/min	
Dust Removal	Self-vacuuming & Central vacuuming	
Thread	M6	
Noise	77 dB(A)	
Power Cord	5 meter, Detachable or Fixed	5 meter, Fixed
*Weight	1.99kg	1.74kg

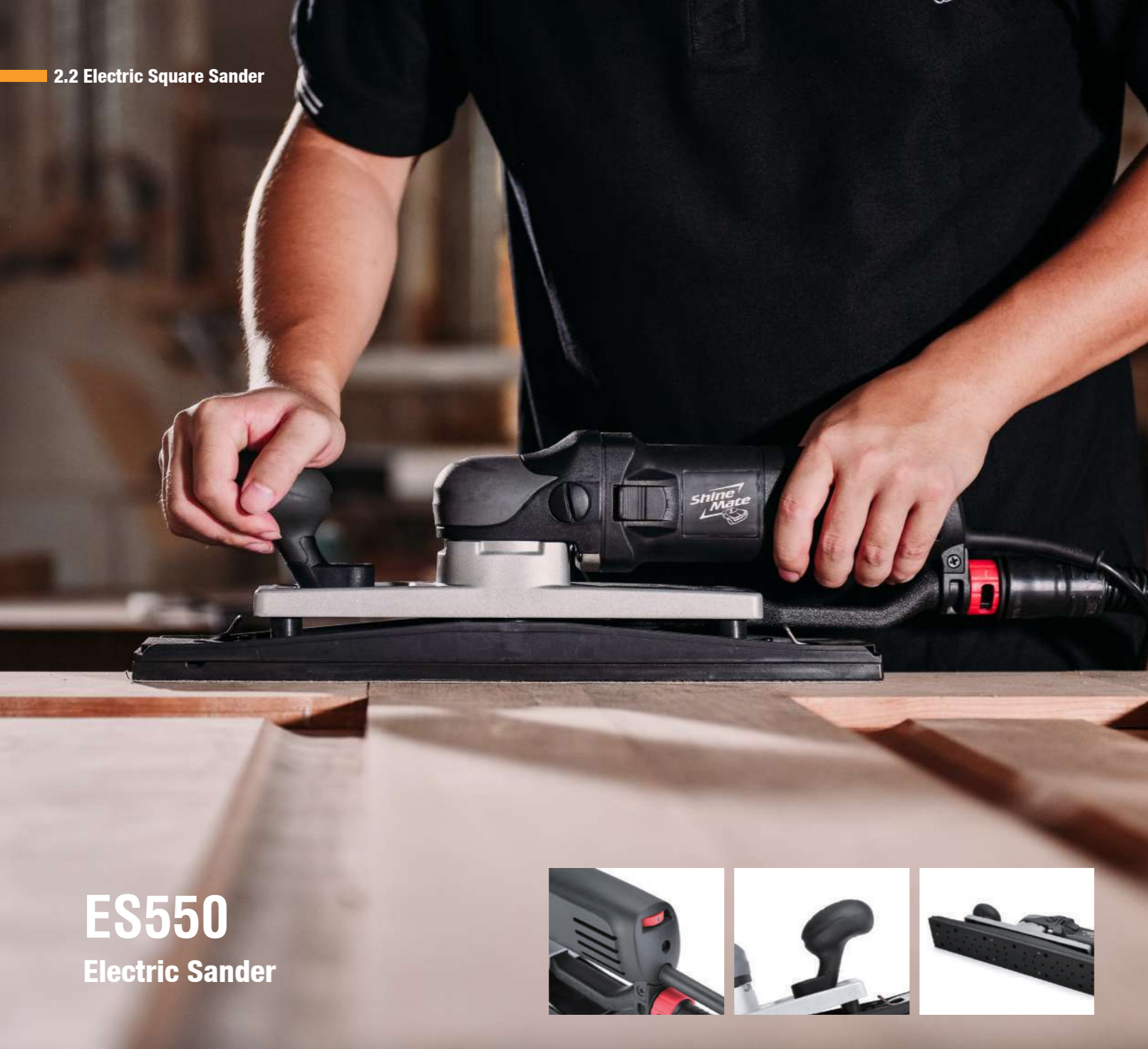
#### Accessories

Carbon brush, Wrench

\*no cable or accessories







## ES550

### Electric Sander



ES550 is a powerful industrial-grade electric sander, widely used in ships (yachts), buses (passenger cars), rail trains (subway, high-speed rail), furniture, etc.

#### Features:

- 600W Powerful motor
- 5mm Orbit for industrial coarse sanding
- Full wave electronics control for constant speed
- European standards, with CE certification

## ES550

### Electric Sander



#### Eccentric Balance System

High precision double bearing, optimized balance performance, more stable control.

#### Square Backing Plate

400x70mm square backing plate for large and flat working surface.

#### 6-Level Stepless Speed Setting

3200-7200/min precise speed setting.

#### Constant Speed

Built-in chip-controlled load feedback module to maintain constant output speed.

#### Central Vacuuming

Connect with 25-35mm hose.

#### ES550 | Specification

Model	ES550-5
Orbit Size	5mm
Backing Plate	400x70mm (optional 400x80mm)
Input Power	600W
Input Voltage	220-240V~ / 100-120V~
No Load Speed	3200-7200/min
Dust Removal	Central vacuuming
Thread	M5
Noise	96 dB(A)
Power Cord	5 meter, Fixed
Weight	2.86kg
Accessories	Carbon brush, Wrench



— 3. Polisher





# EP830

## Rotary Polisher



EP830 is an industrial-grade polisher for automotive and marine paint repair work. 1500W brushless motor ensures sufficient power for heavy-load continuous work. Ergonomic machine body reduces operator fatigue when used for a long time.

### Key Features:

- Brushless motor for long life and high power
- Rated 1500W powerful motor
- 3000 RPM, high polishing efficiency
- 1.98kg weight, less fatigue for long-term use
- Detachable cable for convenient operation
- Full wave electronics control, constant speed output



# EP830

## Rotary Polisher



### Brushless Motor

High-voltage brushless motor provides long service life and high power.

### 1500W Powerful Motor

Rated 1500W powerful motor, work with 7"(180mm) backing plate and 8" (200mm) foam/wool pads for polishing.

### 3000 RPM

6-Level stepless speed presetting, 700-3000 rpm, with a accelerator switch for precise speed control.

### Detachable Cable

It supports quick tool-less replacement of cables, and cables can be used interchangeably among the quick-connect products.

### Optimized Heat Dissipation

Enlarged air vents for better heat dissipation; filter meshes at the air vents to prevent dust, wool, fiber and other debris from entering the machine.

### More Features

- Lightweight of 1.98kg, less fatigue for long-term use
- High-precision double-reduction gear system for high torque output
- Constant speed output under load
- Spindle lock button moved to lower side for safe operation
- Soft start for safe polishing and prolonged machine life

### EP830 | Specification

Model	EP830	
Product	Rotary Polisher	
No Load Speed	700-3000/min	
Input Voltage	220-240V~50/60Hz	120V~50/60Hz
Input Power	Rated 1500W(Max.2250W)	Rated 1200W(Max.1600W)
Output Shaft	M14-2	5/8"-11
Backing Plate	Standard 125mm(5")	
	Max.180mm(7")	
Foam/Wool Pad	Suggested 150mm(6")	
	Max.200mm(8")	
Gear System	Double-reduction	
Power Cord	5 meter, Detachable or Fixed	
*Weight	1.98kg	

\*no cable or accessories





## EP801 <sup>G2</sup> Light Weight Rotary Polisher

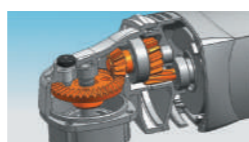
**UPGRADED G2**

- ✓ Better motor performance
- ✓ More precise Gear System
- ✓ Spindle Lock



Model		EP801G2
No Load Speed		700-2500/min
Input Power		Rated 800W (Max.1200W)
Input Voltage	220-240V~50/60Hz	100-120V~50/60Hz
Output Shaft	M14-2	5/8"-11
Backing Plate	Suggested	123mm (5")
	Max.	148mm (6")
Foam/Wool Pad	Suggested	150mm (6")
	Max.	180mm (7")
Gear System		Double-reduction
Net Weight		2.2kg
Accessories		5" FlexEdge BP, Wrench, Side Handle Carbon Brush

### Outstanding Features:



**Double-torque Gear System**  
Offers high output torque and stable constant speed at low speed polishing.



**Spindle Lock**  
Accessible from the gear case cover, for easy backing plate changing. The orange protective shield must be removed before use.



**Low Profile Design**  
The minimal distance from the pad to the body of the polisher allows better control.



- 1) Ideal for overall and partial polishing.
- 2) Best to use foam/wool pad of 3-6 inches.
- 3) Do not use pads bigger than 7" (180mm) to avoid over-load.
- 4) Do not work at speed 1-2 for long time to avoid over-heat.

### Designed for professional automotive polishing

- Suitable for overall and partial car polishing
- Ergonomic body design
- Lightweight 2.2kg
- Double-reduction Gearing System to provide two times the torque of a single gear set polisher
- Variable Speed 700-2500/min, Soft start
- Built-in speed stabilizer to offer the constant speed output under load
- Configured with long-life motor and carbon brush
- 5-meter long power supply cord



## EP802 Versatile Rotary Polisher

**Newly Released !**

- ✓ New grip hood design
- ✓ Dual speed control system
- ✓ Upgraded power



### Outstanding Features:



Comfortable Holding



Spindle Lock



Ergonomic Design



Variable Speed Trigger

### Designed for professional Auto polishing

- Powerful 1050W motor
- Light weight of 2.2kg
- Variable speed 700-2500/min, Soft start
- Trigger to adjust speed freely
- Ergonomic design for comfortable holding
- Built-in speed stabilizer, to offer the constant speed output
- Spindle lock for quick backing plate change
- 5-meter long power supply cord

### Specifications

Model		EP802
No Load Speed		700-2500/min
Input Power		Rated 1050W (Max.1500W)
Input Voltage	220-240V~50/60Hz	100-120V~50/60Hz
Output Shaft	M14-2	5/8"-11
Backing Plate	Suggested	125mm (5")
	Max.	150mm (6")
Foam/Wool Pad	Suggested	150mm (6")
	Max.	180mm (7")
Gear System		Double-reduction
Net Weight		2.2kg
Accessories		6" FlexEdge BP, Wrench, Side Handle Carbon Brush

# EP804K Spot Polisher Kit



*Designed for spot polishing with multiple accessories!*



Variable Speed, Constant Speed

### Specification

<b>Model</b>	EP804
<b>Input Power</b>	Rated 500W (Max.750W)
<b>No Load Speed</b>	1200-4500/min
<b>Backing Plate</b>	Suggested 30,50,74mm (1.2",2",3") Max. 74mm (3")
<b>Foam/Wool Pad</b>	Suggested 40-80mm (1.5-3.2") Max. 100mm (4")
<b>Output Shaft</b>	M14
<b>Net Weight</b>	1.6kg
<b>Accessories</b>	Wrench, Side Handle, Carbon Brush



Suitable for SPOT polishing  
Use 1.5"-4" foam/wool pad for best performance  
Do not use pads bigger than 4" (100mm)

# EX618 Random Orbital Polisher



### Constant Output Speed

Built-in load feedback module.  
Constant output speed for stable operation.

### Vibration Inhibition Technology

High-precision CNC process.  
Less vibration and fatigue.

### Soft Start

Increase safety, prolong the life of switches, motors and gears  
and prevent polish splash.

### Double Speed-Setting

6-Level stepless speed regulation.  
Accelerator switch for precise speed control.  
Level 1-2, Low speed for spreading the polishing chemicals.  
Level 3-4, Medium speed compounding to remove scratches.  
Level 5-6, High speed polishing to achieve glossy finish.

### Dust Devil Multi-hole Backing Plate

Multi-hole design.  
Fast heat dissipation and dust removal.



EX618 orbital polisher can quickly achieve fast swirl-free polishing of car paint and is especially suitable for car care polishing. 800W Rated power and a speed of 5800/min lift the performance to another level.



### Specification

Model	EX618-5/15	EX618-6/15	EX618-6/21
<b>Orbit Size</b>	15mm	15mm	21mm
<b>Backing Plate</b>	123mm(5")	148mm(6")	148mm(6")
<b>Polishing Pad</b>	150mm(6")	180mm(7")	180mm(7")
<b>Input Power</b>	Rated 800W(Max.1200W)		
<b>No Load Speed</b>	3000~5800/min		
<b>Thread</b>	M8		
<b>Power Cord</b>	5 meter		
<b>*Weight</b>	2.6kg		
<b>Accessories</b>	Backing Plate, Hex Wrench, Carbon Brush		
<small>*no cable or accessories</small>			

— 4. 10.8V Cordless System





# EB200A

## Orbital Sander



EB200A range spot sanders are mainly used for spot sanding with PSA or VELCRO sanding discs to repair paint defects, such as dirt nibs, particles, etc.

### Features:

- Brushless motor, high torque, long service life
- Premium battery for long working time
- 3mm Orbit size
- European standards, with CE certification

# EB200A

## Orbital Sander



### Brushless Motor

High-torque, long service life, excellent performance  
Brushless for easy maintenance.

### 6-Level Speed Setting

4000-10000/min for different purposes.  
With speed memory function, convenient and intelligent.

### Switch

Press to start, release to stop  
Double click for continuous work, click again to stop.

### Low Noise

Low noise provides a comfortable working environment.

### Lightweight Design

Slim and compact body, comfortable to hold, less fatigue for long time working.

### Sleep Mode

The machine goes into sleep mode after no operation for 30s  
Press "+" or "-" to switch the machine to sleep mode  
When in sleep mode, the power indicator LED will be off.

### EB200A | Specification

Model	EB200A
Product	Orbital Sander
Orbit Size	3mm
Orbit Type	Orbital
No Load Speed	4000-10000/min
Voltage	10.8V DC
Thread	1/4"-20
Backing Plate	31mm
Dimension	169x114.5x48.5mm
*Weight	475g

\*Tool only, no accessories or battery pack



### Sanding Discs

Item No.	Size	Grit	Color	PSA
P2500D32K10	32mm	2500#	Purple	✓
P3000D32K10	32mm	3000#	Grey	✓

### EB200A / EB201A-1 Backing Plate

Item No.	Size	Thread	Velcro	PSA
14414-16	31mm	1/4"-20		✓
14414-14	31mm	1/4"-20	✓	



# EB201A-1

## Random Orbital Sander



EB201A-1 range spot sanders are mainly used for spot sanding with PSA or VELCRO sanding discs to repair paint defects, such as dirt nibs, particles, etc.

### Features:

- Brushless motor, high torque, long service life
- Premium battery for long working time
- 3mm/5mm Orbit size
- European standards, with CE certification

# EB201A-1

## Random Orbital Sander



### Brushless Motor

High-torque, long service life, excellent performance  
Brushless for easy maintenance.

### 6-Level Speed Setting

4000-10000/min for different purposes.  
With speed memory function, convenient and intelligent.

### Switch

Press to start, release to stop  
Double click for continuous work, click again to stop.

### Low Noise

Low noise provides a comfortable working environment.

### Lightweight Design

Slim and compact body, comfortable to hold, less fatigue for long time working.

### Sleep Mode

The machine goes into sleep mode after no operation for 30s  
Press "+" or "-" to switch the machine to sleep mode  
When in sleep mode, the power indicator LED will be off.

### EB201A-1 | Specification

Model	EB201A-1/3	EB201A-1/5
Product	Random Orbital Sander	Random Orbital Sander
Orbit Size	3mm	5mm
Orbit Type	Random Orbital	Random Orbital
No Load Speed	4000-10000/min	4000-10000/min
Voltage	10.8V DC	10.8V DC
Thread	1/4"-20	1/4"-20
Backing Plate	31mm	31mm
Dimension	169x110.5x48.5mm	169x110.5x48.5mm
*Weight	495g	500g

\*Tool only, no accessories or battery pack



### Sanding Discs

Item No.	Size	Grit	Color	PSA
P2500D32K10	32mm	2500#	Purple	✓
P3000D32K10	32mm	3000#	Grey	✓



### EB200A / EB201A-1 Backing Plate

Item No.	Size	Thread	Velcro	PSA
14414-16	31mm	1/4"-20		✓
14414-14	31mm	1/4"-20	✓	





# EB201A-3

## Random Orbital Sander



# EB201A-3

## Random Orbital Sander



### Efficient Sanding

EB201A-3 is equipped with a standard 3" backing plate, work with velour-backed sanding disc for small area sanding; work with smaller-sized backing plates for spot sanding.

### Lightweight Design

Slim and compact body  
Less fatigue for long time working

### Brushless Motor

High-torque, long service life, excellent performance  
Brushless for easy maintenance

### 6-Level Speed Setting

4000-10000/min for different purposes  
With speed memory function

### Low Noise

Providing a comfortable working environment

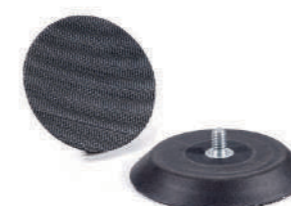
### Integrated Control Panel

Realize centralized management of battery/load indicator, speed level indicator, and speed control button.

### EB201A-3 | Specification

Model	EB201A-3/3	EB201A-3/5
Product	Random Orbital Sander	Random Orbital Sander
Orbit Size	3mm	5mm
Orbit Type	Random Orbital	Random Orbital
No Load Speed	4000-10000/min	4000-10000/min
Voltage	10.8V DC	10.8V DC
Thread	1/4"-20	1/4"-20
Backing Plate	74mm	74mm
Dimension	169x106.5x48.5mm	169x106.5x48.5mm
*Weight	480g	500g

\*Tool only, no accessories or battery pack



### EB201A-3 Backing Plate

Item No.	Size	Thread	Velcro	PSA
22338-24	74mm	1/4"-20	✓	

EB201A-3 range spot sanders are mainly used for spot sanding with PSA or VELCRO sanding discs to repair paint defects, such as dirt nibs, particles, etc.



### Features:

- Brushless motor, high torque, long service life
- Premium battery for long working time
- 3mm/5mm Orbit size
- European standards, with CE certification



# EB202A Grinder and Sander



EB202A is a cordless grinder and sander which can be equipped with accessories such as sanding discs, polishing heads, scouring pads, and abrasive brushes for grinding and sanding metals, post-welding cleaning, surface treatment, cutting, deburring and paint removal, especially suitable for car body refinishing, including sanding old paint, grinding welding spots, welding scars and contact points of sheet metal repair machines and other metal grinding.

# EB202A Grinder and Sander



Powered by a 10.8V battery pack, easy for one-hand operation. The ergonomic design and 0.5kg light weight reduce operator fatigue when used for a long period of time.

- High efficiency brushless motor
- 8000-15000/min 6-level speed for different needs
- Constant speed output
- Ergonomically designed with excellent balance
- 10.8V premium Li-ion battery for sufficient power

### Main Applications

Install sanding discs and other consumables for purposes such as removing old paint, grinding welding spots, and welding scars.



### EB202A | Specification

Model	EB202A
Product	Grinder and Sander
Motion	Rotation
No Load Speed	8000-15000/min
Voltage	10.8V DC
Thread	1/4"-20
Backing Plate	Max.50mm (2")
Dia. of Sanding Disc	Max.50mm (2")
Dimension	169x110.5x48.5mm
*Weight	500g

\*Tool only, no accessories or battery pack



### EB202A Backing Plate

Item No.	Diameter	Thread	Abrasive	Flexibility	Type	Max.RPM
32020H-11	46mm	1/4"-20	2"	85(H)	TR	30000

### EB202A Sanding Disc

Item No.	Size	Grit	Pcs/pack
P40D48K100	2"	40#	100
P80D48K100	2"	80#	100
P120D48K100	2"	120#	100



# EB212

## Random Orbital Polisher



Designed for automotive polishing, For spot polishing and correction  
Adopt ShineMate 10.8V Li-ion battery and rapid charging system

### Features:

- High-precision CNC Parts
- 12mm Orbit size
- The bare machine weighs 0.78kg
- No gears, low noise level

# EB212

## Random Orbital Polisher



### Brushless Motor

Large torque, small size, long service life and low maintenance cost.

### Low Noise

Using motor direct drive technology, running much quieter without gears.

### Ergonomic Design

Slim body, rubberized handle, comfortable to hold.

### Light Weight

The bare machine weighs 0.78kg, less fatigue for long-time use.

### High-precision CNC Parts

Low vibration for smooth polishing.

### Full Wave Electronics Control

6-level speed regulation & constant output speed  
Soft start  
Overload protection

### 10.8V Battery Pack

Adopt ShineMate 10.8V Li-ion battery and rapid charging system.  
Cordless for convenient operation.

### EB212 | Specification

Model	EB212
Product	Random Orbital Polisher
Orbit Size	12mm
No Load Speed	4000-7000/min
Voltage	10.8V DC
Thread	1/4"-20
Backing Plate	74mm(3")
Foam/Wool Pad	80-90mm
*Weight	0.78kg
Accessories	Backing plate, Wrench, Polishing pad (subject to kit configuration)
*Tool only, no accessories or battery pack	



### EB212 / EB213 Backing Plate

Item No.	Size	Thread	Hole	Color	Weight
23730-04	74mm	1/4"-20	6	Black	30g



# EB213

## Cordless Rotary Polisher



# EB213

## Cordless Rotary Polisher



### Brushless Motor

Large torque, small size, long service life and low maintenance cost.

### Low Noise

Using motor direct drive technology, running much quieter without gears.

### Ergonomic Design

Slim body, rubberized handle, comfortable to hold.

### Light Weight

The bare machine weighs 0.72kg, less fatigue for long-time use.

### Full Wave Electronics Control

6-level speed regulation & constant output speed

Soft start

Overload protection

### 10.8V Battery Pack

Adopt ShineMate 10.8V Li-ion battery and rapid charging system  
Cordless for convenient operation

### EB213 | Specification

Model	EB213
Product	Cordless Rotary Polisher
No Load Speed	700-2500/min
Voltage	10.8V DC
Thread	1/4"-20
Backing Plate	74mm(3")
Foam/Wool Pad	80-90mm
*Weight	0.72kg
Accessories	Backing plate, Wrench, Polishing pad (subject to kit configuration)

\*Tool only, no accessories or battery pack



High torque rotary polishing. For automotive and industrial use.  
Adopt ShineMate 10.8V Li-ion battery and rapid charging system.



### Features:

- Brushless motor, long service life and low maintenance cost
- The bare machine weighs 0.72kg, less fatigue for long-time use
- No gears, low noise level



### EB212 / EB213 Backing Plate

Item No.	Size	Thread	Hole	Color	Weight
23730-04	74mm	1/4"-20	6	Black	30g

— 5. 18V Cordless System



# EB251

Cordless Rotary Polisher



**Rotary Polisher EB251 is professionally designed and manufactured for automotive and industrial polishing works.**

► **Brushless DC Motor(BLDC):** With greater efficiency and a longer service life.

► **Double-reduction Gearing:** Maintain double torque even at low speeds to achieve low-speed polishing of paint without overheating.

► **Stepless Speed Setting:** Preset the maximum speed between 700-1500/min.

► **Accelerator Switch:** Pressing the switch trigger increases the speed. The speed can be regulated steplessly between 300/min and the speed preset on the adjusting wheel, enable the operator to control the speed precisely and freely.

► **Light Weight:** Only 1.7kg (no battery), well-balanced distribution, less fatigue for the long time polishing work.

### Full-Wave Electronics Controlling

► **Constant Speed Output:** The preset speed remains constant through electronic control to ensure a uniform polishing speed even when under load.

► **Smooth Start-up:** The electronically controlled smooth start-up ensures safety, extends the service life of the trigger, motor and gearing, reduces splash of polishing compound.

► **Overload Current Limiting:** Current limiting prevents excessive current consumption under extreme overload, which can lead to a decrease in the motor speed. The motor restarts after the on/off switch trigger is released and re-pressed.



### Specification

Model	EB251-5	
Backing Plate	Max.	148mm (6")
	Standard	150mm (6")
Foam/Wool Pad	Max.	180mm (7")
No Load Speed		700-1500/min
Battery Voltage		18V
Weight (without battery)		1.7kg
Accessories Included		5" Backing Plate Side Handle

# EB220

Cordless Rotary Polisher



### ► Brushless DC Motor(BLDC)

With greater efficiency and a longer service life

### ► Ergonomic Grip Housing

Light Weight: Only 1.6kg (no battery), well balanced distribution, less fatigue for the long time polishing work

### ► Full-Wave Electronics Controlling

Variable Speed Setting & Constant Speed Output

Smooth Start-up

Overload Current Limiting

### ► 18V Battery Pack

Comply to ShineMate 18V battery and rapid charging system

### Specification

Model	EB220	
Backing Plate	Suggested	30, 50, 74mm (1"-3")
	Max.	74mm (3")
Foam Pad	Max.	100mm (4")
No Load Speed		900-3500/min
Input Voltage		18V
Weight (without Battery)		1.6kg
Thread		M14
Accessories		Backing Plate 1",2",3", Wrench Foam Pads (Subject to kit configuration)



**18V Compact Line**



# EB351

Cordless Orbital Polisher



### Specification

Model	EB351
Backing Plate	5"/6"
Foam/Wool Pad	6"/7"
No Load Speed	2000-5000/min
Battery Voltage	18V
Weight (without battery)	1.7-2.1kg
Accessories Included	(Subject To Kit Configuration)

**Random Orbital Polisher EB351 is professionally designed and manufactured for automotive and industrial polishing works.**

- ▶ **High-precision CNC Eccentric Balance:** To provide the polishing with ultra smooth running and minimize the vibration.
- ▶ **Stepless Speed Setting:** Preset the maximum speed between 2000-5000/min.
- ▶ **Accelerator Switch:** Pressing the switch trigger increases the speed. The speed can be regulated steplessly between 1000/min and the speed preset on the adjusting wheel, enable the operator to control the speed precisely and freely.
- ▶ **Soft Grip Hood:** Ergonomically shaped with soft grip, the machine can be controlled with precision and is always comfortable yet secure to hold and polishing in any angle and position with steady handling.
- ▶ **Light Weight:** Only 1.7kg (no battery), well-balanced distribution, less fatigue for the long time polishing work.

### Full-Wave Electronics Controlling

- ▶ **Constant Speed Output:** The presetted speed remains constant through electronic control to ensure a uniform polishing speed even when under load.
- ▶ **Smooth Start-up:** The electronically controlled smooth start-up ensures safety, extends the service life of the trigger, motor and gearing, reduces splash of polishing compound.
- ▶ **Overload Current Limiting:** Current limiting prevents excessive current consumption under extreme overload, which can lead to a decrease in the motor speed. The motor restarts after the on/off switch trigger is released and re-pressed.



## 6. Battery Pack / Charger





## 10.8V Intelligent Li-ion System

### Battery Pack

- Premium battery for long working time
- Small size, lightweight

Model	B1225A	B1250A
Capacity	2.5 Ah / 27.0 Wh	5.0 Ah / 54.0 Wh
Voltage	10.8V DC	10.8V DC
Weight	0.18kg	0.38kg
Overload Protection	✓	✓
Type	Rechargeable	Rechargeable



## 18V Intelligent Li-ion System

### Battery Pack

- Premium battery core inside
- High capacity for long running time

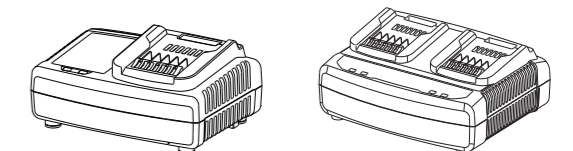


Model	B1825A	B1850A
Capacity	2.5Ah/45Wh	5.0Ah/90Wh
Voltage	18V DC	18V DC
Weight	0.4kg	0.7kg
Overload Protection	✓	✓
Type	Rechargeable	Rechargeable



### Battery Charger

- Dual Channel for 2 battery charge
- 100-240VAC input
- Integrated AIRCOOL technology
- Up to 6.5Amp charge current
- MCU controlled advanced circuit



Model	BC181	BC182
Product	Single Bay Charger	Dual-port Charger
Input	100-240V ~ 50/60Hz	100-240V ~ 50/60Hz
Output 1	18V DC, 4.0Amps	18V DC, 6.5Amps
Output 2		18V DC, 6.5Amps
Rated Power	80W	160W
Recommended Ambient	+4°C ~ +40°C	+4°C ~ +40°C
Weight	0.66kg	0.85kg
Charging Time	50-60 min(2.5Ah) 90-100 min(5.0Ah)	50-60min(2.5Ah) 45-60min(5.0Ah)
Charging		Sequential charging

### Battery Charger

- Dual-channel for charging 2 batteries
- 100-240V AC input
- Integrated AIRCOOL technology
- 3.0 Amp charge current
- Advanced MCU controlled circuit

Model	BC121	BC122
Product	Single Bay Charger	Dual-port Charger
Input	100-240V~50/60Hz	100-240V~50/60Hz
Output 1	10.8V DC, 3.0 Amp	10.8V DC, 3.0 Amp
Output 2		10.8V DC, 3.0 Amp
Rated Power	55W	80W
Recommended Ambient	+4°C ~ +40°C	+4°C ~ +40°C
Weight	0.25kg	0.56kg
Charging Time	50-60 min(2.5Ah) 100-120 min(5.0Ah)	50-60 min(2.5Ah) 100-120 min(5.0Ah)
Charging		Simultaneous charging



BC121



BC122

Rapid dual-channel charger for two batteries to charge sequentially without manual intervention.

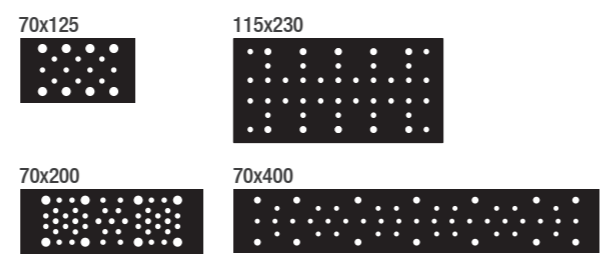
Both battery and charger equipped with an integrated AIRCOOL system for total cooling.

## — 7. Dust-free Hand Sanding Blocks



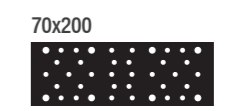


Item No.	Size(mm)	Color
73005	70x125	Red or White
73008	70x200	Red or White
73016	70x400	Red or White
73009	115x230	Red or White

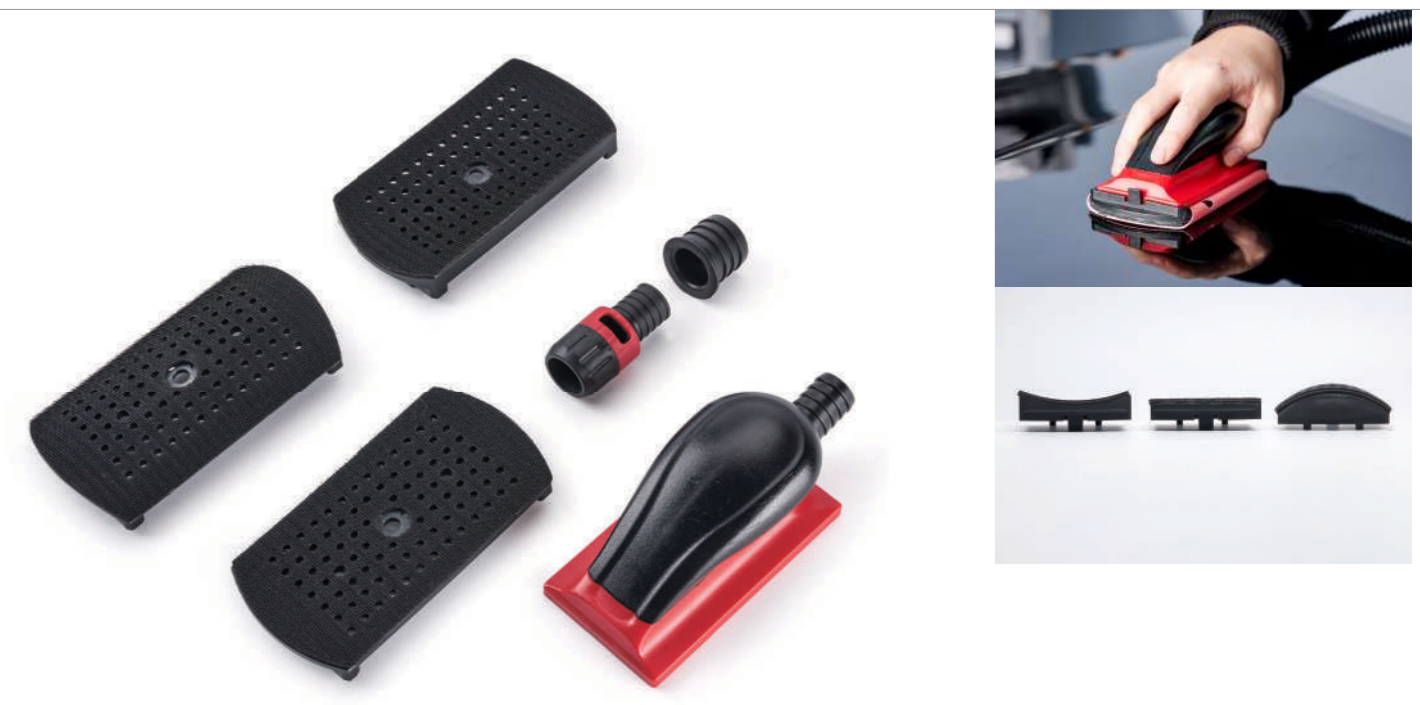


Hand block comes with air-valve, and an extra adaptor for use with bigger size hose

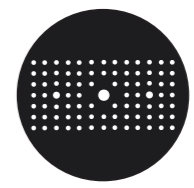
Item No.	Size(mm)	Color	Hook&Loop	Remark
73108K	70x200	Red	✓	4 Backing Plates



Item No.	Size(mm)	Color	Hook&Loop	Remark
73036	70x400	Red	✓	



Item No.	Size(mm)	Color	Hook&Loop	Remark
73105K	6"(150mm)	Red	✓	3 Backing Plates





Flexible

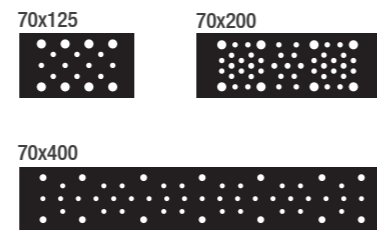


Multi-hole



Hook & Loop

Item No.	Size(mm)	Hook&Loop
71905	70x125	✓
71908	70x200	✓
71916	70x400	✓



Hand block comes with air-valve, and an extra adaptor for use with bigger size hose

Dust Hose, Adaptors for dust free sanding



Item No.	Desc.	Hose Dia.
73121	Hose Adaptor	26mm



Item No.	Desc.	Hose Dia.	Cable/Air hose Dia.
73122	Hose&Cable Clip	35mm	6-10mm



Item No.	Desc.	Size
DBAG150	Dust bag	150x105mm



Item No.	Desc.	Hose Dia.
73004	Hose Adaptor	35mm



Item No.	Desc.	Hose Dia.	Air hose Dia.
73001	Hose Connector	35mm	10mm



Item No.	Power Cord	Color
QD-5M-2x0.75	5 meter	Black
QD-5M-2x1.0	5 meter	Black

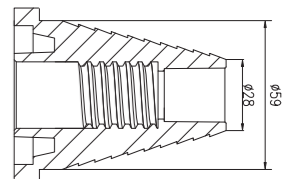


Item No.	Desc.	Hose Dia.	Hose ID.	Remark
73021	Dust Hose	35mm	28mm	5 meter
73021K	Hose&Adaptor Kit	35mm	28mm	5 meter



Item No.	Desc.	Hose Dia.	Hose ID.	Remark
73003	Dust Hose	26mm	20mm	4 meter
73002	Cone Adaptor	26mm		Cone Dia.28-59mm
73003K	Hose&Adaptor Kit	26mm	20mm	*

\* Universal Vacuum Cleaner Adaptor (fits 28-59mm port)



**Interface Cushion pads with extra-soft foam layer**

Cushion pads are available in customized sizes and shapes.



Item No.	Size	Foam Thickness	Hole	Density	Remark
72200	6" (148mm)	10mm	no hole	Extra Soft	
72202	6" (148mm)	10mm	53	Extra Soft	
72208	6" (148mm)	10mm	8+8 / 6+1	Extra Soft	



Item No.	Size	Foam Thickness	Hole	Density	Remark
72220	5" (123mm)	10mm	no hole	Extra Soft	
72221	5" (123mm)	10mm	5+1	Extra Soft	
72222	5" (123mm)	10mm	44	Extra Soft	
72227	5" (123mm)	10mm	3+3+1	Extra Soft	

**Pad velcro protector**

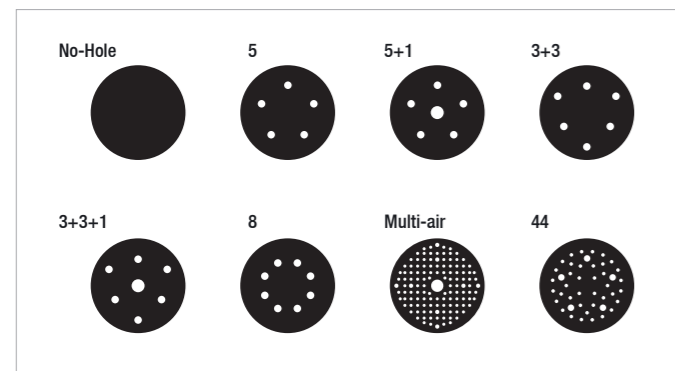


Item No.	Size	Foam Thickness	Hole	Density	Remark
72286	6" (148mm)	n/a	53	n/a	
72287	6" (148mm)	n/a	8+8 / 6+1	n/a	

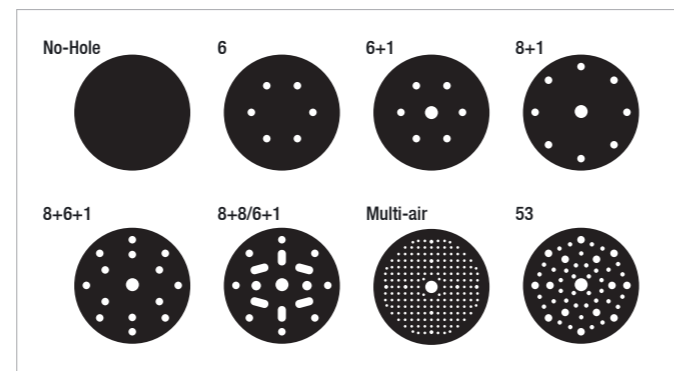


Item No.	Size	Foam Thickness	Hole	Density	Remark
72285	5" (123mm)	n/a	44	n/a	
72288	5" (123mm)	n/a	3+3+1	n/a	

**5" Pad velcro protector**



**6" Pad velcro protector**



# FlexEdge<sup>V3</sup> Backing Plate

- Ideal for contour polishing
- Molded of soft PUR, Flexible Edge
- For use with foam pads & wool pads



**Backing Plate 1.2", 2", 3"**

Item No.	Size	Thread
14212-24	1.2" (30mm)	M14
14220-24	2" (50mm)	M14
14231-24	3" (74mm)	M14



**Backing Plate 5", 6", 6.3"**

Item No.	Size	Thread
13850-2	5" (123mm)	M14
13860-2	6" (148mm)	M14
13863-2	6.3" (160mm)	M14
13850-1	5" (123mm)	5/8"-11
13860-1	6" (148mm)	5/8"-11
13863-1	6.3" (160mm)	5/8"-11



Item No.	Size	Thread	Velcro	Max.RPM	Density
13068-1	6.8" (175mm)	5/8"-11	✓	5000	Medium
13068-2	6.8" (175mm)	M14-2	✓	5000	Medium

**Backing Plate for 5" or 6" Orbital Polisher**

Item No.	Size	Thread	Hole	Weight	Color	Work with
23854S-02	5" (123mm)	M8	Multi-hole	110g	White	EX series 5" machine
23465S-02	6" (148mm)	M8	Multi-hole	130g	White	EX series 6" machine



**EB212 / EB213 Backing Plate**

Item No.	Size	Thread	Hole	Color	Weight	Work with
23730-04	74mm	1/4"-20	6	Black	30g	EB212, EB213

**Adaptor**

Item No.	Internal Thread	External Thread	Remark
72101	5/8"-11	5/8"-11	For Double Side pads
72102	M14-2	5/8"-11	For Double Side pads



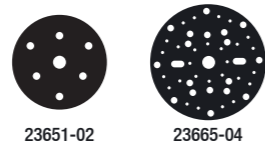


**Dust Devil multi-hole backing plate**

- The original hexagonal hole connection method improves the stability of the backing plate
- Universal hole pattern, compatible with mainstream sanding discs in the market
- Edge + central vacuum holes, strong vacuuming effect
- velcro up to 5000-10000 times of use

**ES502 / ES526 / ES516 / ES700 Backing Plate**

Item No.	Size	Thread	Hole Pattern	Weight	Color	Face
23651-02	5" (123mm)	M8	Multi-hole	138g	Black & Red	Velcro
23665-04	6" (148mm)	M8	Multi-hole	138g	Black & Red	Velcro



**ES527 / ES517 Backing Plate**

Item No.	Size	Thread	Hole Pattern	Weight	Color	Face
27205-2	93x175mm	M8	Multi-hole	90-95g	Black	Velcro

**Work with 95x180mm sandpaper**



**ES550 Backing Plate**

Item No.	Size	Thread	Hole Pattern	Weight	Color	Face
27201	400x70mm	M4	Multi-hole	150g	Black	Velcro
27206	400x80mm	M4	Multi-hole	150g	Black	Velcro

**EB200A / EB201A-1 Backing Plate**

Item No.	Size	Thread	VELCRO	PSA
14414-16	31mm	1/4"-20		✓
14414-14	31mm	1/4"-20	✓	

**EB201A-3 Backing Plate**

Item No.	Size	Thread	VELCRO	PSA
22338-24	74mm	1/4"-20	✓	

**EB202A Backing Plate**

Item No.	Diameter	Thread	Abrasive	Flexibility	Type	Max.RPM
32020H-11	46mm	1/4"-20	2"	85(H)	TR	30000

# Foam Pads

- ✓ Designed for paint refinishing and detailing works
- ✓ Professional bonding process
- ✓ Withstand high-temperature and water wash
- ✓ Excellent tensile strength and durability
- ✓ Full range of material from heavy cutting to finishing

**Foam Color Code and Specifications**

CUT Level

**Green T120** heavy cut foam is in solid construction, it fast removes the deep scratches, over spray, 1200/1500# sanding disc marks, and heavy oxidation. Cut like wool pad and leave high gloss finish. Applicable for scratch resistant and high solid ceramic paints.

**T120**

**Yellow T80** high cut foam has an intensive cutting action that will remove deep scratches, over spray, severe swirl marks, 1500# sanding disc marks, and heavy oxidation when used with heavy polishing compounds.

**T80**

**Blue & Maroon T60** foam has moderate cutting action that will remove 1500/2000# sand scratches, over spray, and surface imperfections when used in conjunction with polishing compounds.

**T60**

**Orange T40** foam has a light cutting action, and will remove scratches and swirl marks while leaving a level and smooth surface, can be used in conjunction with heavy polishing compounds or micro-fine compounds for one-step polishing.

**T40**

**Red & Gray T10** foam has very light cleaning action for removal of ultra-fine swirl marks, car wash scratches, and hazing, leaving a swirl-free gloss finish when used in conjunction with finishing polishes.

**T10**



**Flat Face Foam Pads**



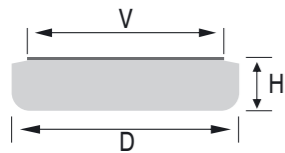
**T80 Yellow**

Item No.	Size	DxHxV(mm)
34023-1	3"	80x25x76
34026-1	6"	150x30x128
34027-1	7"	180x30x158
34028-1	8"	200x30x178



**T60 Blue**

Item No.	Size	DxHxV(mm)
34023-6	3"	80x25x76
34026-6	6"	150x30x128
34027-6	7"	180x30x158
34028-6	8"	200x30x178



The flat face is the most popular version, for experienced operators. It works at the highest efficiency for cutting and polishing.



**T40 Orange**

Item No.	Size	DxHxV(mm)
34023-4	3"	80x25x76
34026-4	6"	150x30x128
34027-4	7"	180x30x158
34028-4	8"	200x30x178



**T10 Gray**

Item No.	Size	DxHxV(mm)
34023-3	3"	80x25x76
34026-3	6"	150x30x128
34027-3	7"	180x30x158
34028-3	8"	200x30x178

**Waffle Face Foam Pads**



**T80 Yellow**

Item No.	Size	DxHxV(mm)
34073-1	3"	80x30x80
34076-1	6"	145x30x128
34077-1	7"	180x30x158
34078-1	8"	200x30x190



**T60 Blue**

Item No.	Size	DxHxV(mm)
34073-6	3"	80x30x80
34076-6	6"	145x30x128
34077-6	7"	180x30x158
34078-6	8"	200x30x190



The waffle face pad dissipates heat and reduces risk of burning the vehicle's finish. The waves speed up the air flow between the paint and the foam pad to cool the pad against overheating, they also help to reduce holograms.



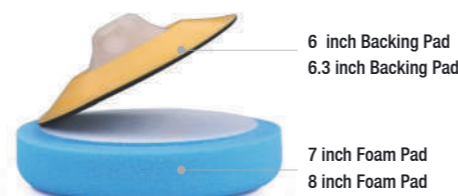
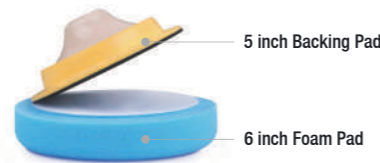
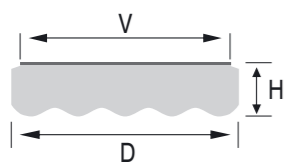
**T40 Orange**

Item No.	Size	DxHxV(mm)
34073-4	3"	80x30x80
34076-4	6"	145x30x128
34077-4	7"	180x30x158
34078-4	8"	200x30x190



**T10 Gray**

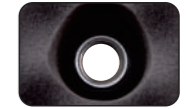
Item No.	Size	DxHxV(mm)
34073-3	3"	80x30x80
34076-3	6"	145x30x128
34077-3	7"	180x30x158
34078-3	8"	200x30x190



**Double-Side Foam Pads**

Work with 5/8"-11 adaptor

Connection:



5/8" Bolt On

**Double-Side Foam Pads (waffle)**



**T80 Yellow Foam**

Size	Item No.	Connect
6"	49760-11	5/8"
8"	49780-11	5/8"



**T60 Blue Foam**

Size	Item No.	Connect
6"	49760-61	5/8"
8"	49780-61	5/8"



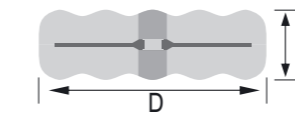
**T40 Orange Foam**

Size	Item No.	Connect
6"	49760-41	5/8"
8"	49780-41	5/8"



**T10 Gray Foam**

Size	Item No.	Connect
6"	49760-31	5/8"
8"	49780-31	5/8"



Size	DxH(mm)
6"	150x60
8"	200x60

**Double-Side Foam Pads (flat face)**



**T80 Yellow Foam**

Size	Item No.	Connect
6"	49060-11	5/8"
8"	49080-11	5/8"



**T60 Blue Foam**

Size	Item No.	Connect
6"	49060-61	5/8"
8"	49080-61	5/8"



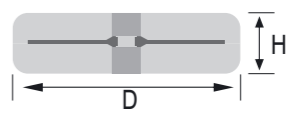
**T40 Orange Foam**

Size	Item No.	Connect
6"	49060-41	5/8"
8"	49080-41	5/8"



**T10 Red Foam**

Size	Item No.	Connect
6"	49060-71	5/8"
8"	49080-71	5/8"



Size	DxH(mm)
6"	150x50
8"	200x50

### 4 PLY 100% TWISTED WOOL

Each strand of high grade wool fiber is tightly twisted, allowing the pad to stay at consistent level of aggression for longer periods of operation. Heavy Cut. Color: Natural.



#### Single Side Wool Pads

Item No.	Size	Color	Wool Spec.	Cutting Level
45080-42	7.5"	Natural	4-ply 100% Wool	T240 Heavy-Cut

#### Double Side Wool Pads with 5/8" bolt

Item No.	Size	Color	Wool Spec.	Cutting Level
46080-42	8"	Natural	4-ply 100% Wool	T240 Heavy-Cut

### 1 PLY BLENDED WOOL

A fiber combination for light compounding, comprised of single ply untwisted wool and acrylic blend. Allows the operator to accomplish a range of light compounding to heavier polishing tasks.



#### Single Side Wool Pads

Item No.	Size	Color	Wool Spec.	Cutting Level
45080-11	7.5"	White	1-ply blended Wool	T200 Mid-Cut

#### Double Side Wool Pads with 5/8" bolt

Item No.	Size	Color	Wool Spec.	Cutting Level
46080-11	8"	White	1-ply blended Wool	T200 Mid-Cut

#### Single Side Wool Pads

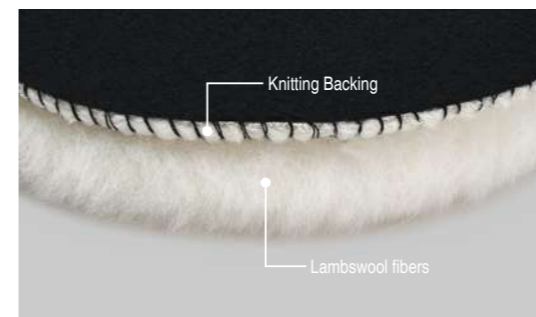
Item No.	Size	Color	Wool Spec.	Cutting Level
45080-13	7.5"	Yellow	1-ply blended Wool	T180 Mid-Cut

#### Double Side Wool Pads with 5/8" bolt

Item No.	Size	Color	Wool Spec.	Cutting Level
46080-13	8"	Yellow	1-ply blended Wool	T180 Mid-Cut



### Knitted Wool Pad



**Knitted wool pads** are of 100% wool content, the customized manufacturing technics produces the material in consistent fiber thickness, nap-height and density, less linting, ensure the pad in uniform quality, unlike the variances that can occur with some natural sheepskin pads.

Premium performance on abrasive action and heat-resistance. Working with high-cut wax to aggressively remove scratches and oxide, reduces the swirls and leaves a gloss finish.



#### Knitted Wool Pad (High-Nap)

Remove deep scratches, overspray, 1200/1500# sanding disc marks, heavy oxidation. For Rotary Polisher use



Item No.	Size	Backing Pad	Fastening
41120	56mm	2"	Velcro
41130	84mm	3"	Velcro
41150	130mm	5"	Velcro
41160	154mm	6"	Velcro
41170	184mm	7"	Velcro

### Short-Nap Knitted Wool Pad

Wool pad is made of knitted 100% ultra-fine wool .

Remove deep scratches, overspray, 1200/1500# sanding disc marks, heavy oxidation.



Item No.	Velour Dia.	Face Dia.	Backing Pad	Center Hole	Cushion Foam
41360	128mm	6"(150mm)	5"	22mm	Gray(15mm)
41370	158mm	7"(180mm)	6"	22mm	Gray(15mm)



Item No.	Velour Dia.	Face Dia.	Backing Pad	Center Hole	Cushion Foam
41735	76mm	3"(88mm)	3"	n/a	8mm
41755	128mm	5"(134mm)	5"	22mm	8mm
41765	153mm	6"(169mm)	6"	22mm	8mm



