

# ! STAY SAFE

To reduce risks associated with the use of the polisher, please carefully read the following instructions.

### Work area

- Do not operate the polisher while near or exposed to flammable liquids or gases.
- Keep a safe distance from bystanders while operating the polisher.

### Electrical safety

- There should be no modification of the polisher in any way.
- Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.
- Do not expose the polisher to water or leave it in an area where it may become wet.
- Do not use the polisher in any wet weather conditions.
- Keep the cord away from any heat, oil, sharp edges or moving parts.

### Personal safety

- Do not use the polisher while you are tired or under the influence of drugs, alcohol or medication.
- Use personal protective equipment such as safety glasses and gloves.
- Ensure the switch is in the off position before connecting to a power source.
- Remove any adjusting key or wrench before turning the polisher on.

### Polisher use and care

- Do not use the polisher if any of the parts are broken, misaligned or showing signs of excessive wear.
- Disconnect the plug from the power source before making any adjustments, change in accessories or when storing the polisher.
- Keep the polisher clean and well maintained to prolong its intended life cycle. If damaged, have the polisher repaired by an authorised repairer or contact the Apex Customs customer support team for further information.

### Service

- Please note that the standard 12 month warranty from date of purchase will be void if your polisher has been tampered with or serviced by a non qualified Apex Customs repairer. Only use original parts supplied by Apex Customs.

## THE GRASSHOPPER 2.0 SPECIFICATIONS



**Pad size compatibility**  
75mm / 3"



**Max power**  
600 Watts



**Variable speeds**  
2000 - 6000 OPM



**Max noise levels**  
63dB @1m



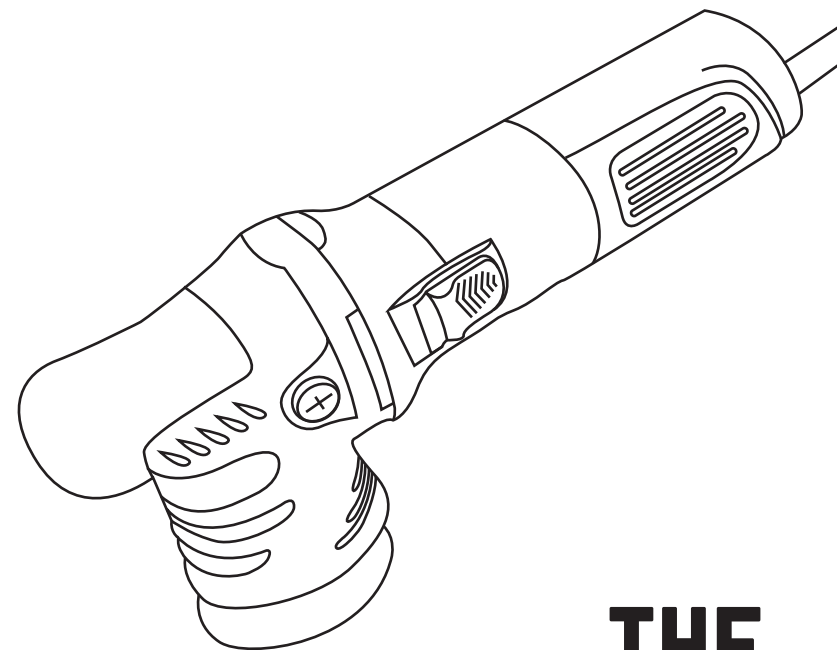
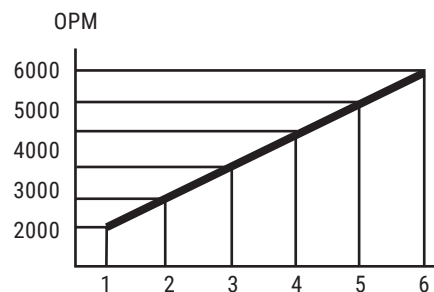
**Orbit size**  
12mm



**Weight**  
2kg



**Voltage**  
220 - 240V AC



# THE GRASSHOPPER 2.0

## WARRANTY



Register your Apex Customs polisher online, and we will keep track of the paperwork for you.

Visit [apexcustoms.online/warranty](https://apexcustoms.online/warranty) or scan the QR code.

12mm Mini Dual Action  
Random Orbital Polisher



[apexcustoms.online](https://apexcustoms.online)

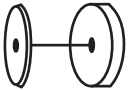
**APEX**  
CUSTOMS

Bringing back that showroom shine

## BEST PRACTICE



1. NEVER start the machine before the backing pad is installed.



2. Align the backing pad with the foam pad's center. Otherwise, vibration may be excessive.



3. Generally, lower speeds are recommended for tight work areas while higher speeds are ideal for larger surface areas.



4. To prevent burning through paint, use very light pressure and keep the polisher moving constantly.



5. Use the polisher at low speeds while polishing rough surfaces.



6. For tricky or tight areas, use "coast-down" to polish. To do so, turn the machine on for a few seconds to enable it to oscillate, then turn it off and use the residual oscillations to polish.

## ? TROUBLESHOOTING

1. If the polisher does not start, check the following:
  - Is the power source active?
  - Is the power cable on the the machine damaged?
  - Are any screws on the switch loose?
  - Is the switch or the speed controller damaged?
  - Is the armature or stator damaged?

2. If large sparks are visible from the side vents of the machine, the carbon brushes may need to be replaced. Kindly contact the Apex Customs customer support team for further information on how to replace these.
3. If the machines become noticeably noisier over time, stop using immediately and inspect if the bearings or counter weight are damaged / misaligned.

## KEY FEATURES

