THE SANDERS THAT SET THE STANDARDS

National Detroit Sanders can utilize a wide variety of pads, depending on desired application. Specific pad availability is provided with the tool descriptions inside the catalog. More detailed pad data and ordering information is available from National Detroit. Just call or write for a Pad Data sheet and Selection Guide.

We warrant each sander manufactured by National Detroit, Inc. to be free from any defects in material or workmanship. Any sander appearing defective must be returned to the factory, transportation charges prepaid for examination.

THE OBLIGATION OF NATIONAL DETROIT, INC. UNDER ANY WARRANTY, EXPRESS OR IMPLIED, IS LIMITED SOLELY TO THE REPAIR OR REPLACEMENT AT ITS FACTORY OF ANY PART WHICH SHALL PROVE DEFECTIVE. THE DURATION OF THE WARRANTY AND ANY OTHER IMPLIED WARRANTY INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY IS EXPRESSLY LIMITED TO (1) YEAR FROM DATE OF DELIVERY TO THE ORIGINAL PURCHASER.

THIS WARRANTY DOES NOT COVER DAMAGE TO ANY SANDER ARISING FROM ALTERATION OR ABUSE, WEAR CAUSED BY CONTAMINATED OR EXTREMELY HIGH AIR PRESSURE, ACCIDENT OR NEGLIGENCE, OR USE FOR OTHER THAN ITS INTENDED PURPOSES, AND DOES NOT COVER ANY REPAIRS OR REPLACEMENT PARTS MADE BY ANYONE OTHER THAN NATIONAL DETROIT, INC. IN NO EVENT SHALL NATIONAL DETROIT, INC. BE LIABLE FOR ANY INCIDENTAL, OR CONSEQUENTIAL DAMAGE ARISING FROM THE SALE OR USE OF THIS TOOL.

The warranty registration card must be completed and returned to National Detroit, Inc. within (10) days after being put into service to activate this warranty.

P.O. BOX 2285
ROCKFORD, IL 61131
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PLANT LOCATION:  1590 NORTHROCK COURT
ROCKFORD, IL 61103
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Made in the United States of America  ND0804

DISTRIBUTED BY:

- AUTOMOTIVE REPAIR
- MARINE
- SOLID SURFACE
- WOODWORKING
- RESTORATION

THE NATIONAL DETROIT STORY
The Sanders That Set The Standards

Roy Champayne founded National Air Sander, Inc. in 1939. Before World War I Roy worked in his father’s wagon repair shop in Cedar City, MI. As automobiles became more popular, he expanded the shop to include radiator repair and auto-body repair.

In 1925, Roy decided to move to California to work in his brother’s body shop. He got as far as Rockford, IL, when car problems stranded him. Not having enough funds to repair his car and continue his trip, Roy went to work for a body shop in Rockford and decided to stay.

After a couple of years, Roy started his own shop, the Rockford Body & Fender Works. As Roy’s business grew and prospered, he began experimenting in the basement of his home with an air-driven fender hammer of his own design. After further experimentation, the design was patented and manufacturing began at the National Sewing Machine Co. in Belvidere, IL. The fender hammer was sold under the names of various other manufacturers.

Roy soon started to experiment with an air-driven block sander for his own use. The design proved to be very successful, and was soon flooded with requests from other body men for his “air sander”. As orders grew, Roy moved from his basement into a larger, more suitable building and started manufacturing under the name of National Air Sander.

In the mid 50’s, National Air Sander acquired Detroit Surfacing Machine, an air tool company in Detroit. That at time, everything was moved to Rockford and National Air Sander was renamed National Detroit.

About that same time, the model DA sander was developed. This tool completely revolutionized the world of sanding. When the model DA sander was released, 5- & 6-inch round disk abrasive was almost non-existent. They were told that this type of sander would not sell, so, National Detroit contracted with an abrasive company and became, for several years, the largest distributor in the world for 5 & 6-inch disc abrasives. Since then, even before the patents on the DA/DAQ sanders ran out, the model DAQ sander had become the most copied sander in the world.

Over the years National Detroit has developed and patented many of the sanding actions that are being used today, including dual action (DA/DAQ), Jitterbug (400), Gear Driven/Hog (900), Orbital File Board (FBB & 2200) and several others. As sanding applications evolve, National Detroit is constantly striving to develop new sanders and improve our existing tools, without sacrificing the quality of our sanders and service that our valued customers have come to expect National Detroit Sanders have always been and are still “The Sanders that set the Standards.”

WHY ARE NATIONAL DETROIT SANDERS BETTER?
• Heavy duty, oversized bearings along with only the highest quality parts.
• Motors are made of steel & aluminum, not plastic.
• Manufactured in the U.S.A.
• No special tooling required for service & maintenance (easily repaired with common hand tools).
• Our DA sanders can run various size pads on the same tool.
• Over 65 years experience.
• Our tools are made for the serious professional.
• CE certified.
• We will have your tool repaired and back out the door within 48 hours.
• We can provide the technical expertise for your sanding needs.
• Due to tighter manufacturing tolerances, air consumption of our tools is considerably less than many of our competitors, resulting in more efficient use of your compressor.
• All tools are designed with the user in mind for comfort.
• They just last too darn long!!!!!!

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13 GRINDERS
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FREQUENTLY ASKED QUESTIONS

1. My DA/DAQ has a noticeable wobble is this normal?
   Yes. The run-out, or “wobble”, is a design feature of the DA/DAQ. The motor shaft has an intentional angle machined into it, which, in part, is responsible for the aggressive nature of these tools. There is a slight rise and fall motion in the handle, but these tools are otherwise very smooth and cut faster than any other sander of this type.

2. How often should I oil my sander?
   We recommend oiling air-powered sanders every 6 to 8 hours of use. 3 to 5 drops of light (10 wt.) spindle oil or air tool oil injected into the air inlet will greatly increase tool life and keep RPM at the rated level. To store tools for longer than a few days, inject oil into the air inlet and cycle the tool for a few seconds to disperse the oil throughout the mechanism. If you choose to use an automatic oiler in the air-line, set it to emit one drop every 5 minutes.

3. Will increasing the air pressure allow me to sand faster?
   In general, no. This is especially true for the models DA and DAQ which depend on the pad turning counter clockwise to achieve the aggressiveness they are famous for. A balance is struck between air pressure and the friction of the abrasive that causes the pad to turn in the opposite direction of the motor. Higher than normal air pressure will defeat this balance and retard sanding efficiency by limiting the counter clockwise movement of the pad. In other types of tools, excessive air pressure will cause premature wear and higher vibration levels and may tax the ability of the compressor to keep up. Compressors that run constantly pass more water through the system and have peaks and valleys in both air pressure and air volume.

4. Can I repair my own sander?
   Yes you can, but with a note of caution. Quick and simple repairs, such as pad replacement and transmission replacement on 900’s and 9600’s, can be done quite easily. Replacement of the head and/or head bearing is also possible, but opening up the air motor should be given some thought. Most people regard rotor blades as a high wear item, but in actuality they last a very long time if the sander is well maintained. If you come to a point that rotor blades need to be replaced, chances are other components need to be considered as well. If you have experience, than by all means, do your own repairs. If you need experience, come to our factory for hands on training . If you just need to have a sander fixed as quickly as possible, send it to us and take advantage of our 48 hour turn around. We also have an air motor exchange program available on most of our sanders. Please call for details or with any questions you may have.
YOU WON'T SEE ANY PLASTIC IN A NATIONAL DETROIT SANDER MOTOR. ALL MOTORS ARE MANUFACTURED WITH STEEL AND ALUMINUM FOR THE DURABILITY YOU EXPECT.

COMFORTABLE, ERGONOMICAL RUBBER OVERMOLDING.

SEALDED HEAVY-DUTY BEARINGS PROTECT FROM SANDING DEBRIS AND CONTRIBUTE TO LONG BEARING LIFE.

DURABLE, COMPOSITE OUTER SHELL TO WITHSTAND WHATEVER PUNISHMENT YOU CAN GIVE IT.

CONVENIENT, ADJUSTABLE SPEED CONTROL.

WHAT YOU CAN'T SEE IS THE FINE CRAFTSMANSHIP AND HARD WORK OF ALL THE NATIONAL DETROIT EMPLOYEES THAT GO INTO PRODUCING THE FINEST SANDERS AVAILABLE. ALL PROUDLY MANUFACTURED IN THE U.S.A. ALSO, DON'T FORGET THE FRIENDLY AND KNOWLEDGEABLE CUSTOMER SERVICE STAFF THAT IS ALWAYS HAPPY TO ASSIST YOU.
**RANDOM ORBITAL**

See p.14 for available back-up pads

---

**MODEL DA**

4, 5 OR 6 INCH

The original sander that coined the term ‘DA’. The Model DA has a unique drive geometry that results in an aggressive interrupted contact of the abrasive to the work surface. Since the pad is always changing plane, the abrasive does not load up and heat generation is minimized, resulting in longer abrasive life.

Works with 4”, 5” or 6” pad sizes. Available with your choice of vinyl or hook & loop pad. Features a 3/8” orbit. The Model DA is also available with Dust-Extraction for 5” or 6” pads (Model DA-DE).

**APPLICATIONS**

- Sanding filler/primer
- Removing old paint, rust, scale
- Shaping & forming filler, wood & fiberglass
- Feather edging
- Smoothing welds
- Burring, beveling, corner breaking
- Removing flash

---

**MODEL DAQ**

4, 5 OR 6 INCH

The original version of the most copied air tool in the world. The Model DAQ is the quieter version of the DA. It features extra muffling and a tough polypropylene motor cover that provides a comfortable hand hold. The DAQ meets all current OSHA noise level requirements. An accessory T-handle motor cover (P/N 3730) is also available for enhanced ergonomics in two-handed operation. Works with 4”, 5” or 6” pad sizes. Available with your choice of vinyl or hook & loop pad. The Model DAQ is also available with Dust-Extraction for 5” or 6” pads (Model DAQ-DE). The Model DAQ-DE now uses standard 5/16” - 24 studded pads.

**APPLICATIONS**

- Sanding filler/primer
- Removing old paint, rust, scale
- Shaping & forming filler, wood & fiberglass
- Feather edging
- Smoothing welds
- Burring, beveling, corner breaking
- Removing flash

---

**MODEL EZLS**

3, 4, 5 OR 6 INCH

The Model EZLS, evolutionary cousin of the DAQ, features the same 3/8” orbit, without the ‘wobble’ action of the DAQ. It features a smoother action, enhanced ergonomics with a longer soft grip handle, lighter weight and quieter operation than the DAQ. The EZLS excels in smooth, aggressive sanding, especially when working on thin, unsupported metal. The EZLS is also available with an optional T-Handle cover (P/N 3771) for more controlled two handed sanding. Works with 3”, 4”, 5”, or 6” pad sizes, interchangeably. Available with your choice of vinyl or hook & loop pad, specify when ordering. The EZLS is also available with Dust-Extraction for 5” or 6” pads (Model EZLS-DE).

**APPLICATIONS**

- Fine finishing
- Sanding drop coats
- Sanding primer or base coats
- Polishing
- Feather coats
- Fiberglass edge trimming
- Rubbing

---

<table>
<thead>
<tr>
<th>Model</th>
<th>Orbit</th>
<th>r.p.m.</th>
<th>Weight</th>
<th>Air Inlet Thread</th>
<th>Recom. Pressure</th>
<th>Air Consumption</th>
<th>Dust Extraction</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA</td>
<td>3/8”</td>
<td>10,000</td>
<td>4.1 lbs</td>
<td>1/4” NPT</td>
<td>60 psi</td>
<td>11-13 CFM (4.0 avg SCFM)</td>
<td>No, but can convert</td>
</tr>
<tr>
<td>DA-DE</td>
<td>3/8”</td>
<td>10,000</td>
<td>4.4 lbs</td>
<td>1/4” NPT</td>
<td>60 psi</td>
<td>11-13 CFM (4.0 avg SCFM)</td>
<td>Yes</td>
</tr>
<tr>
<td>DAQ</td>
<td>3/8”</td>
<td>10,000</td>
<td>4.0 lbs</td>
<td>1/4” NPT</td>
<td>60 psi</td>
<td>11-13 CFM (4.0 avg SCFM)</td>
<td>No, but can convert</td>
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<tr>
<td>DAQ-DE</td>
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<td>10,000</td>
<td>4.3 lbs</td>
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<td>60 psi</td>
<td>11-13 CFM (4.0 avg SCFM)</td>
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</tr>
<tr>
<td>EZLS</td>
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<td>10,000</td>
<td>3.2 lbs</td>
<td>1/4” NPT</td>
<td>60 psi</td>
<td>11-13 CFM (4.0 avg SCFM)</td>
<td>No, but can convert</td>
</tr>
<tr>
<td>EZLS-DE</td>
<td>3/8”</td>
<td>10,000</td>
<td>3.5 lbs</td>
<td>1/4” NPT</td>
<td>60 psi</td>
<td>11-13 CFM (4.0 avg SCFM)</td>
<td>Yes</td>
</tr>
</tbody>
</table>
### MODEL EZQ

**Applications:**  
- Fine finishing  
- Sanding drop coats  
- Sanding primer or base coats  
- Clear coat repair  
- Blending  
- Block sanding  
- Removing orange peel

**Model Options:**  
- Model EZQ  
- Model EZQ-DE

**Specifications:**  
- 3, 4, 5 or 6 inch  
- 3/16" orbit  
- Lighter weight  
- Smoothness even on thin, unsupported metal, plastic, fiberglass and other surfaces

**Applications:**  
- Fine finishing  
- Sanding drop coats  
- Sanding primer or base coats  
- Clear coat repair  
- Blending  
- Block sanding  
- Removing orange peel

**Dust-Extraction Option:**  
- Model EZQ-DE

**Specifications:**  
- 5" or 6" pads  
- Standard 5/16" - 24 studded pads  
- T-handle motor cover (P/N 3771) for enhanced ergonomics

---

### MODEL HD-8

**Applications:**  
- Sanding large areas of steel, aluminum, fiberglass or composites  
- Block sanding  
- Leveling  
- Blending  
- Scuff sanding  
- Hail damage repair  
- Finish sanding

**Model Options:**  
- Model HD-8  
- Model HD-8DE

**Specifications:**  
- 8 inch  
- Random orbital action  
- FOR FINISH SANDING

**Applications:**  
- Sanding large areas of steel, aluminum, fiberglass or composites  
- Block sanding  
- Leveling  
- Blending  
- Scuff sanding  
- Hail damage repair  
- Finish sanding

**Dust-Extraction Option:**  
- Model HD-8DE

**Specifications:**  
- 5 point pad attachment  
- Foam grips enhance ergonomics  
- Greatly increase operator comfort

---

### MODEL XLB

**Applications:**  
- Sanding  
- Polishing  
- Buffing  
- Aggressive stock removal  
- Shaping  
- Changeable counterweights available

**Model Options:**  
- Model XLB Sander  
- Model XLB Buffer

**Specifications:**  
- 3, 5 or 6 inch  
- Nearly 1/2" orbit  
- Works with 3", 5" or 6" pad  
- Changeable counterweights available

**Applications:**  
- Sanding  
- Polishing  
- Buffing  
- Aggressive stock removal  
- Shaping

**Dust-Extraction Option:**  
- Model XLB Buffer

**Specifications:**  
- 5/16" - 24 studded pads  
- Double row head bearing  
- Removes stock faster than any other random orbital sander  
- Soft, cushion grip & T-handle motor cover

---

### Summary of Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Orbit</th>
<th>r.p.m.</th>
<th>Weight</th>
<th>Air Inlet Thread</th>
<th>Recom Pressure</th>
<th>Air Consumption</th>
<th>Dust Extraction</th>
</tr>
</thead>
<tbody>
<tr>
<td>EZQ</td>
<td>3/16&quot;</td>
<td>10,000</td>
<td>3.6 lbs</td>
<td>1/4&quot; N.P. T.</td>
<td>60 psi</td>
<td>9-11 CFM (3.1 avg. SCFM)</td>
<td>No, but can convert</td>
</tr>
<tr>
<td>EZQ-DE</td>
<td>3/16&quot;</td>
<td>10,000</td>
<td>3.8 lbs</td>
<td>1/4&quot; N.P. T.</td>
<td>60 psi</td>
<td>9-11 CFM (3.1 avg. SCFM)</td>
<td>Yes</td>
</tr>
<tr>
<td>HD-8</td>
<td>3/16&quot;</td>
<td>10,000</td>
<td>3.9 lbs</td>
<td>1/4&quot; N.P. T.</td>
<td>80 psi</td>
<td>14 CFM (4.5 avg. SCFM)</td>
<td>No, but can convert</td>
</tr>
<tr>
<td>HD-8DE</td>
<td>3/16&quot;</td>
<td>10,000</td>
<td>3.9 lbs</td>
<td>1/4&quot; N.P. T.</td>
<td>80 psi</td>
<td>14 CFM (4.5 avg. SCFM)</td>
<td>Yes</td>
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<tr>
<td>XLB</td>
<td>15/32&quot;</td>
<td>10,000</td>
<td>3.3 lbs</td>
<td>1/4&quot; N.P. T.</td>
<td>90 psi</td>
<td>10-13 CFM (4.0 avg. SCFM)</td>
<td>No</td>
</tr>
</tbody>
</table>
Random Orbital/Palm Sanders

See p.14 for available back-up pads

PGU 3/16" Orbit

- Includes your choice of 3", 5" or 6" Vinyl or Hook & Loop pad (works interchangeably with all 3).
- 3/16" orbit ideal for general sanding needs.
- Lightweight, just 2 lbs.
- Comfortable rubber grip.
- Powerful 12,000 rpm motor.
- Made with a rugged National Detroit drive system.
- Adjustable speed control.

Applications
- Removing orange peel
- Clear coat sanding
- General sanding
- Polishing
- Sanding filler
- Block sanding

The only Palm Sanders on the Market that can use 3", 5" or 6" pads interchangeably

PGSS 3/32" Orbit

- Includes your choice of 3", 5" or 6" Vinyl or Hook & Loop pad (works interchangeably with all 3).
- 3/16" orbit ideal for fine sanding on clear coats, laquers, etc.
- Lightweight, just 2 lbs.
- Comfortable rubber grip.
- Powerful 12,000 rpm motor.
- Made with a rugged National Detroit drive system.
- Adjustable speed control.

Applications
- Removing orange peel
- Clear coat sanding
- Finish sanding
- Sanding filler
- Block sanding

Specifications for Random Orbital Palm Sanders

<table>
<thead>
<tr>
<th>Model</th>
<th>Orbit</th>
<th>r.p.m.</th>
<th>Weight</th>
<th>Air Inlet Thread</th>
<th>Recom. Pressure</th>
<th>Air Consumption</th>
<th>Dust Extraction</th>
</tr>
</thead>
<tbody>
<tr>
<td>PGU</td>
<td>3/16&quot;</td>
<td>12,000</td>
<td>2.1 lbs</td>
<td>1/4&quot; N.P. thread</td>
<td>90 psi</td>
<td>11 CFM (3.0 avg SCFM)</td>
<td>No, but can convert</td>
</tr>
<tr>
<td>PGSS</td>
<td>3/32&quot;</td>
<td>12,000</td>
<td>2.1 lbs</td>
<td>1/4&quot; N.P. thread</td>
<td>90 psi</td>
<td>11 CFM (3.0 avg SCFM)</td>
<td>No, but can convert</td>
</tr>
</tbody>
</table>
NEW! GENERAL SANDING

Palm Sander with Dust Extraction. 3/16” Stroke for general sanding needs. National Detroit introduces a brand new Palm Sander with Dust Extraction for use with most central & portable shop vacuums. The new PGU-DE sets the standard for what dust extraction should be on a palm sander, giving you a virtually dust free surface & work environment. The 5” version can use either 5” or 6” pads, however, for optimum dust extraction, the pad size should be matched with the shroud size. Also features a new & improved 12,000 rpm motor and the quality and durability you expect from National Detroit.

APPLICATIONS
* Removing orange peel
* Clear coat sanding
* General sanding
* Polishing
* Sanding filler
* Block sanding

PGU-VDE Self-generated vacuum sanding

Palm Sander with Self-Generated Vacuum Dust Pick-Up. Available in 5” or 6” Models. No need for central or portable vacuum hook up. This tool was specially designed for use with the new screen and multi-hole abrasives. It also works well with standard Velcro and PSA 5” and 6” abrasives. Each tool comes equipped with a Velcro Abranet® Pad and samples of Mirka Abranet® abrasive in various grits plus (3) replacement paper dust bags.

NEW! FINE FINISHING

Palm Sander with Dust Extraction, 3/32” Stroke for fine finishing. National Detroit introduces a brand new Palm Sander with Dust Extraction for use with most central & portable shop vacuums. The new PGSS-DE sets the standard for what dust extraction should be on a palm sander, giving you a virtually dust free surface & work environment. The 5” version can use either 5” or 6” pads, however, for optimum dust extraction, the pad size should be matched with the shroud size. Also features a new & improved 12,000 rpm motor and the quality and durability you expect from National Detroit.

APPLICATIONS
* Removing orange peel
* Clear coat sanding
* Finish sanding
* Polishing
* Sanding filler
* Block sanding

PGSS-VDE Self-generated vacuum sanding

Palm Sander with Self-Generated Vacuum Dust Pick-Up. Available in 5” or 6” Models. No need for central or portable vacuum hook up. This tool was specially designed for use with the new screen and multi-hole abrasives. It also works well with standard Velcro and PSA 5” and 6” abrasives. Each tool comes equipped with a Velcro Abranet® Pad and samples of Mirka Abranet® abrasive in various grits plus (3) replacement paper dust bags.

SPECIFICATIONS FOR RANDOM ORBITAL PALM SANDERS

<table>
<thead>
<tr>
<th>Model</th>
<th>Orbit</th>
<th>r.p.m</th>
<th>Weight</th>
<th>Air Inlet Thread</th>
<th>Recom. Pressure</th>
<th>Air Consumption</th>
<th>Dust Extraction</th>
</tr>
</thead>
<tbody>
<tr>
<td>PGU-DE</td>
<td>3/16”</td>
<td>12,000</td>
<td>2.1 lbs</td>
<td>1/4” N.P. thread</td>
<td>90 psi</td>
<td>11 CFM (3.0 avg SCFM)</td>
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<tr>
<td>PGU-VDE</td>
<td>3/16”</td>
<td>12,000</td>
<td>2.1 lbs</td>
<td>1/4” N.P. thread</td>
<td>90 psi</td>
<td>11 CFM (3.0 avg SCFM)</td>
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<tr>
<td>PGSS-DE</td>
<td>3/32”</td>
<td>12,000</td>
<td>2.1 lbs</td>
<td>1/4” N.P. thread</td>
<td>90 psi</td>
<td>11 CFM (3.0 avg SCFM)</td>
<td>Yes</td>
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<tr>
<td>PGSS-VDE</td>
<td>3/32”</td>
<td>12,000</td>
<td>2.1 lbs</td>
<td>1/4” N.P. thread</td>
<td>90 psi</td>
<td>11 CFM (3.0 avg SCFM)</td>
<td>Yes</td>
</tr>
</tbody>
</table>
### ALL NEW! 8" PALM SANDER

The Model PG-8 incorporates the comfortable, lightweight Palm design with an 8 inch pad traditionally seen on 2-handed tools. One handed sanding allows for better control for flat sanding and helps eliminate sanding ‘scallops’ on wood & fiberglass due to uneven pressure applied to the tool. The PG-8 has a 5 point mounting & double row head bearing for the durability you expect from a National Detroit tool. For dust extraction the Model PG-8DE is available and works with most portable and central vacuum systems. The PG-8DE allows you to work with a virtually dust free work surface.

Allows for better control for flat sanding and helps eliminate sanding ‘scallops’ on wood & fiberglass due to uneven pressure applied to the pad.

### PG-8VDE Self-generated vacuum sanding

Eight-Inch Palm Grip Sander with Self Generated Vacuum Dust Pick-Up. A central or portable vacuum hook up is not necessary. This tool was specifically designed for use with the new screen abrasives but works well with standard Velcro or PSA 8-hole dust extraction abrasives. Each PG-8VDE has a Velcro pad and samples of Mirka Abranet® abrasives in various grits. Three paper replacement bags are also included.

### ALL NEW! 8" INTERFACE PAD

Use to increase pad conformability to contour on most surfaces.

Soft foam interface pad that attaches to a Hook & Loop backing pad. Pad has holes for use with dust extraction. Makes it easier to sand contours with 8” sanders such as the National Detroit PG-8, HD-8 or Model 900.

P/N 9878 - 8 inch

### Specifications Table

<table>
<thead>
<tr>
<th>Model</th>
<th>Orbit</th>
<th>c.p.m.</th>
<th>Weight</th>
<th>Air Inlet Thread</th>
<th>Recom. Pressure</th>
<th>Air Consumption</th>
<th>Dust Extraction</th>
</tr>
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<td>1/4” N.P. thread</td>
<td>70-90 psi</td>
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<td>8,000</td>
<td>3.2 lbs</td>
<td>1/4” N.P. thread</td>
<td>70-90 psi</td>
<td>12 CFM (4.0 avg SCFM)</td>
<td>Yes</td>
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<tr>
<td>PG-8VDE</td>
<td>3/16”</td>
<td>8,000</td>
<td>3.1 lbs</td>
<td>1/4” N.P. thread</td>
<td>70-90 psi</td>
<td>12 CFM (4.0 avg SCFM)</td>
<td>Yes</td>
</tr>
</tbody>
</table>
THE ORIGINAL JITTERBUG!

The Model 400 is the original, often imitated jitterbug sander. This tool features a 3/16" orbital stroke that is aggressive enough for knock-down, but controllable enough for finish work.

APPLICATIONS
- Feather edging
- Finish sanding
- Blending
- Blocking

AVAILABLE PADS: 3-3/8" X 6-3/4"

<table>
<thead>
<tr>
<th>PAD #</th>
<th>PAD FACE</th>
</tr>
</thead>
<tbody>
<tr>
<td>DP 1077</td>
<td>Hook &amp; Loop</td>
</tr>
<tr>
<td>DP 1084</td>
<td>Neoprene (Standard Pad)</td>
</tr>
<tr>
<td>DP 1085</td>
<td>Felt</td>
</tr>
<tr>
<td>DP 1086</td>
<td>Rubber</td>
</tr>
</tbody>
</table>

MODEL 2200

This mini-file board sander features a 3/16" orbital stroke for aggressive, yet highly controllable sanding. The ergonomics of this unique tool are perfect for today's sanding needs. Simple one or two-handed operation, non-marring shoe pad & powerful yet quiet motor all add up to higher productivity. Also available with dust extraction (Model 2200DE).

APPLICATIONS
- Leveling
- Sanding body filler
- Blending

AVAILABLE PADS: 2-3/4" X 8"

<table>
<thead>
<tr>
<th>PAD #</th>
<th>PAD FACE</th>
</tr>
</thead>
<tbody>
<tr>
<td>8877</td>
<td>Hook &amp; Loop/Vac or Non-Vac</td>
</tr>
<tr>
<td>8890</td>
<td>Rubber/Vac or Non-Vac</td>
</tr>
<tr>
<td>8891</td>
<td>Rubber/Textured-Vac</td>
</tr>
<tr>
<td>8892</td>
<td>Neoprene/Fine Finish/Standard/Vac</td>
</tr>
<tr>
<td>8893</td>
<td>Neoprene/Fine Finish/Vac</td>
</tr>
</tbody>
</table>

A Punch Plate is available to convert abrasive to vacuum ready PN 8899.

MODEL FB-8

The FB-8 file board delivers a powerful orbital stroke for rapid material knock-down. Its two point positive thrust support assures full application of power from the motor to the sanding surface. Operator control is assured through convenient grip for second hand, as well as superb counter-balancing for minimal vibration.

APPLICATIONS
- Leveling
- Sanding body filler
- Blending

AVAILABLE PADS: 2-3/4" X 16"

<table>
<thead>
<tr>
<th>PAD #</th>
<th>PAD FACE</th>
</tr>
</thead>
<tbody>
<tr>
<td>4191</td>
<td>Rubber/Standard Pad</td>
</tr>
<tr>
<td>8177</td>
<td>Hook &amp; Loop</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Orbital Stroke</th>
<th>r.p.m.</th>
<th>Air Inlet Thread</th>
<th>Reom. Pressure</th>
<th>Air Consumption</th>
<th>Pad Size</th>
<th>Dust Extraction</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>400</td>
<td>3/16&quot;</td>
<td>4,000-6,000</td>
<td>1/4&quot; N.P. thread</td>
<td>60 psi</td>
<td>7-8 CFM (2.6 avg. SCFM)</td>
<td>3-3/8&quot; x 6-3/4&quot;</td>
<td>No</td>
<td>4.4 lbs</td>
</tr>
<tr>
<td>2200</td>
<td>3/16&quot;</td>
<td>4,000-6,000</td>
<td>1/4&quot; N.P. thread</td>
<td>60 psi</td>
<td>9-11 CFM (3.3 avg. SCFM)</td>
<td>2-3/4&quot; x 8&quot;</td>
<td>No, can convert</td>
<td>4.7 lbs</td>
</tr>
<tr>
<td>2200DE</td>
<td>3/16&quot;</td>
<td>4,000-6,000</td>
<td>1/4&quot; N.P. thread</td>
<td>60 psi</td>
<td>9-11 CFM (3.3 avg. SCFM)</td>
<td>2-3/4&quot; x 8&quot;</td>
<td>Yes</td>
<td>4.8 lbs</td>
</tr>
<tr>
<td>FB-8</td>
<td>3/16&quot;</td>
<td>6,000</td>
<td>1/4&quot; N.P. thread</td>
<td>75 psi</td>
<td>9-11 CFM (3.3 avg. SCFM)</td>
<td>2-3/4&quot; x 16&quot;</td>
<td>No</td>
<td>5.5 lbs</td>
</tr>
</tbody>
</table>
GEAR DRIVEN

See p.15 for available back-up pads

MODEL 900

8 INCH

ANOTHER NATIONAL DETROIT ORIGINAL

The original, often imitated, 'mud hog' sander. 8" gear driven pad. Fast, controllable stock removal.
Great for leveling & spotting high & low spots. Available in a Dust Extraction model (900DE).
Optional T-Handle motor cover available.

APPLICATIONS

* Stripping
* Stock removal
* Leveling
* Sanding body filler
* Shaping

MODEL 900DE

MODEL 900 w/T-Handle

MODEL 9600

5 & 6 INCH

Smaller version of the 8" 'mud hog' sander. Operates with either a 5" or 6" pad. Aggressive enough for
knock down, yet enough finesse for feather edging. Available in a 6" Dust Extraction model (9600DE).
Optional T-Handle motor cover available.

APPLICATIONS

* Sanding body filler
* Paint removal
* Feather edging

MODEL 9600DE

MODEL 9600 w/T-Handle

MODEL 9900

6 INCH

Excels at both sanding & buffing. 6" gear driven rotating/oscillating pad. Strips to bare metal 3 times
faster than other sanders. Buffs clear coat repairs in half the time of an electric buffer. Eliminates swirl
marks and burning typically found in rotary action buffers. Available in Dust Extraction (Model 9900DE),

APPLICATIONS

* Sanding body filler
* Paint removal
* Feather edging

MODEL 9900DE

MODEL 9900 w/T-Handle

MODEL 9900

APPLICATIONS

* Shaping
* Buffing & polishing

MODEL 9900DE

MODEL 9900 w/T-Handle

<table>
<thead>
<tr>
<th>Model</th>
<th>Orbital Stroke</th>
<th>Max No Load Speed/Pad Speed</th>
<th>Air Inlet Thread Pressure</th>
<th>Recom. Pressure</th>
<th>Air Consumption</th>
<th>Weight</th>
<th>Pad Size</th>
<th>Dust Extraction</th>
</tr>
</thead>
<tbody>
<tr>
<td>900</td>
<td>3/16&quot;</td>
<td>9,000/800</td>
<td>1/4&quot; NPT</td>
<td>80 psi</td>
<td>14 CFM (4.5 avg. SCFM)</td>
<td>4.75 lbs</td>
<td>8&quot;</td>
<td>No, can convert</td>
</tr>
<tr>
<td>900DE</td>
<td>3/16&quot;</td>
<td>9,000/800</td>
<td>1/4&quot; NPT</td>
<td>80 psi</td>
<td>14 CFM (4.5 avg. SCFM)</td>
<td>5.0 lbs</td>
<td>8&quot;</td>
<td>Yes</td>
</tr>
<tr>
<td>9600</td>
<td>3/16&quot;</td>
<td>9,000/800</td>
<td>1/4&quot; NPT</td>
<td>80 psi</td>
<td>14 CFM (4.5 avg. SCFM)</td>
<td>4.5 lbs</td>
<td>5&quot; or 6&quot;</td>
<td>No, can convert</td>
</tr>
<tr>
<td>9600DE</td>
<td>3/16&quot;</td>
<td>9,000/800</td>
<td>1/4&quot; NPT</td>
<td>80 psi</td>
<td>14 CFM (4.5 avg. SCFM)</td>
<td>4.8 lbs</td>
<td>5&quot; or 6&quot;</td>
<td>Yes</td>
</tr>
<tr>
<td>9900</td>
<td>7/16&quot;</td>
<td>9,000/1,800</td>
<td>1/4&quot; NPT</td>
<td>80 psi</td>
<td>14 CFM (4.5 avg. SCFM)</td>
<td>4.7 lbs</td>
<td>6&quot;</td>
<td>No, can convert</td>
</tr>
<tr>
<td>9900DE</td>
<td>7/16&quot;</td>
<td>9,000/1,800</td>
<td>1/4&quot; NPT</td>
<td>80 psi</td>
<td>14 CFM (4.5 avg. SCFM)</td>
<td>5.0 lbs</td>
<td>6&quot;</td>
<td>Yes</td>
</tr>
</tbody>
</table>
BUFFERS/POLISHERS

See p.14 for available back-up pads

MODEL 9900

- Excels at buffing & sanding!
- 6” gear driven rotating/oscillating pad.
- Strips to bare metal 3 times faster than other sanders.
- Buffs clear coat repairs in half the time of an electric buffer.
- Generates less heat, prolonging abrasive life when sanding.

APPLICATONS
- Sanding body filler
- Paint removal
- Feather edging
- Shaping
- Buffing & polishing
- Orange peel removal

MODEL 9900 with 9591 PAD

MODEL 9900DE

MODEL XLB

EXCELS AT BOTH SANDING & BUFFING 3, 5, OR 6 INCH

- Features 15/32” orbit for aggressive sanding or high speed buffing.
- Works with either 3”, 5” or 6” pad, just change the counterweight.
- Features double row head bearing for long life.
- Removes stock faster than any other random orbital sander.
- Comes with soft, foam grip & T-handle.
- Excels at both sanding and buffing.
- See selection of optional buffing pads on p.17.

APPLICATIONS
- Sanding
- Polishing
- Buffing
- Stock removal
- Orange peel removal

MODEL XLB

XLB Shown with 9591 BUFFING PAD

XLB Shown with 9593 GRAY FOAM FINISHING PAD

<table>
<thead>
<tr>
<th>Model</th>
<th>Stroke</th>
<th>r.p.m.</th>
<th>Air Inlet Thread</th>
<th>Recom. Pressure</th>
<th>Weight</th>
<th>Air Consumption</th>
<th>Pad Size</th>
<th>Dust Extraction</th>
</tr>
</thead>
<tbody>
<tr>
<td>9900</td>
<td>7/16”</td>
<td>9,000</td>
<td>1/4” N.P. thread</td>
<td>80 psi</td>
<td>4.75 lbs</td>
<td>14 CFM (4.5 avg. SCFM)</td>
<td>6”</td>
<td>No, but can convert</td>
</tr>
<tr>
<td>9900DE</td>
<td>7/16”</td>
<td>9,000</td>
<td>1/4” N.P. thread</td>
<td>80 psi</td>
<td>5.0 lbs</td>
<td>14 CFM (4.5 avg. SCFM)</td>
<td>6”</td>
<td>Yes</td>
</tr>
<tr>
<td>XLB</td>
<td>15/32”</td>
<td>10,000</td>
<td>1/4” N.P. thread</td>
<td>80 psi</td>
<td>3.3 lbs</td>
<td>10-13 CFM (4.0 avg. SCFM)</td>
<td>3”, 5” or 6”</td>
<td>No, but can convert</td>
</tr>
</tbody>
</table>
GET AN INCREDIBLE HIGH GLOSS FINISH IN MINUTES!

- You will be amazed at how fast you can achieve a beautiful high gloss finish with such little effort!
- Works just as well on automobiles as it does on wood or solid surface!
- Quickly eliminates orange peel and other surface defects!
- If you have a compressor, everything you need is in the kit!
- Save time and money.
- The kit will pay for itself within the first couple uses!

ORANGE PEEL REMOVAL KIT

Kit shown with Model XLB Sander/Polisher (kit# 4001)

KIT CONTAINS:
- 1 National Detroit PGU Random DA Palm Sander
- 1 National Detroit Model XLB Sander/Polisher (kit# 4001) for Smaller Compressors
- Or 1 National Detroit Model 9900 Sander/Polisher (kit# 4000) for Larger Compressors
- 1 Gray Foam Finishing Pad (#9593)
- 1 Orange Foam Cutting Pad (#9886)
- 1 Bottle of System One, 1 step cutting/glazing compound
- 6 pieces of 1200/1500 grit, Mirka or similar abrasive
- 2 pieces of Mirka Abralon or similar 2000/4000 grit abrasive
- 2 packages Krew 700 soft cloths
- Heavy Duty tool box

Get kit #4000 for Larger Compressors:
- > 7.5 hp motor (continuous duty)
- At least 80 gallon tank
- Generates > 14 CFM
  (4.5 avg. SCFM)

Get kit #4001 for Smaller Compressors:
- > 5 hp motor (continuous duty)
- At least 30 gallon tank
- Generates > 10 CFM
  (4.0 avg. SCFM)
Great machine for rubbing and achieving that piano top finish. For straight line twin pad sanding & rubbing, nothing beats these sanders for productivity. Built-in wet sanding. Model 300 features a 3/4" stroke, while Model 300A has a 1/2" stroke. 2 pad shoe sizes available (3-3/8" x 7-1/4" or 3" x 6-1/4").

**APPLICATIONS**
* Leveling  
* Wet sanding  
* Rubbing

**AVAILABLE PADS:**
- **3-3/8" X 7-1/4"**
  - DP 1077 Hook & Loop
  - DP 1084 Neoprene
  - DP 1085 Felt
  - DP 1086 Rubber (Standard Pad)
  - DP 4084 Vinyl

- **3" X 6-1/4"**
  - DP 1087-1 Neoprene
  - DP 1088 Felt
  - DP 2017 Molded Rubber

**APPLICATIONS**
* Polishing  
* Finish blending on stainless

**MODEL 1100 - FINISH SANDER**
Compact, straight-line powerhouse. Features second hand grip. Tough polymer pad shoe won’t damage trim when working up close. Available with Dust Extraction (Model 1100DE). Great for wet sanding.

**APPLICATIONS**
* Fine finishing  
* Blending  
* Blocking  
* Wet sanding

**AVAILABLE PADS: 2-3/4" X 8"**
- 8877 Hook & Loop/Vac or Non-Vac
- 8890 Rubber/Vac or Non-Vac
- 8891 Rubber/Textured-Vac
- 8892 Neoprene/Fine Finish/Standard/Vac
- 8893 Neoprene/Fine Finish/Vac

**APPLICATIONS**
* Polishing  
* Finish blending on stainless  
* Rubbing

**MODEL 600**
This heavy-duty straight-line pneumatic sander features an all metal body with palm actuated trigger. Plus the Model 600 has a built in water spray system. Paper holders allow for quick paper change.

**APPLICATIONS**
* Polishing  
* Wet sanding  
* Finish blending on stainless  
* Rubbing

**AVAILABLE PADS: 3-1/2" X 7-1/4"**
- 6150 Molded Rubber/Standard Pad
- 6157 Hook & Loop
- 6520 Felt

**APPLICATIONS**
* Polishing  
* Finish blending on stainless  
* Rubbing

**MODEL 300/300A**
See p.16 for available back-up pads

- **Model 300/300A**
- **Model 1100 - Finish Sander**
- **Model 600**

---

**MODEL 300/300A**
See p.16 for available back-up pads

**APPLICATIONS**
* Leveling  
* Wet sanding  
* Rubbing

**AVAILABLE PADS:**
- **3-3/8" X 7-1/4"**
  - DP 1077 Hook & Loop
  - DP 1084 Neoprene
  - DP 1085 Felt
  - DP 1086 Rubber (Standard Pad)
  - DP 4084 Vinyl

- **3" X 6-1/4"**
  - DP 1087-1 Neoprene
  - DP 1088 Felt
  - DP 2017 Molded Rubber

**APPLICATIONS**
* Polishing  
* Finish blending on stainless

**MODEL 1100 - FINISH SANDER**
Compact, straight-line powerhouse. Features second hand grip. Tough polymer pad shoe won’t damage trim when working up close. Available with Dust Extraction (Model 1100DE). Great for wet sanding.

**APPLICATIONS**
* Fine finishing  
* Blending  
* Blocking  
* Wet sanding

**AVAILABLE PADS: 2-3/4" X 8"**
- 8877 Hook & Loop/Vac or Non-Vac
- 8890 Rubber/Vac or Non-Vac
- 8891 Rubber/Textured-Vac
- 8892 Neoprene/Fine Finish/Standard/Vac
- 8893 Neoprene/Fine Finish/Vac

**APPLICATIONS**
* Polishing  
* Finish blending on stainless  
* Rubbing

**MODEL 600**
This heavy-duty straight-line pneumatic sander features an all metal body with palm actuated trigger. Plus the Model 600 has a built in water spray system. Paper holders allow for quick paper change.

**APPLICATIONS**
* Polishing  
* Wet sanding  
* Finish blending on stainless  
* Rubbing

**AVAILABLE PADS: 3-1/2" X 7-1/4"**
- 6150 Molded Rubber/Standard Pad
- 6157 Hook & Loop
- 6520 Felt

**APPLICATIONS**
* Polishing  
* Finish blending on stainless  
* Rubbing

---

**MODEL 600**
This heavy-duty straight-line pneumatic sander features an all metal body with palm actuated trigger. Plus the Model 600 has a built in water spray system. Paper holders allow for quick paper change.

**APPLICATIONS**
* Polishing  
* Wet sanding  
* Finish blending on stainless  
* Rubbing
GRINDERS/ROTARY

MODEL DCQ

This light duty grinder incorporates the dependable air motor used in the DA line of sanders, and features a tough polypropylene motor cover & modified muffling system to meet current OSHA noise level standards. 4” felt pad is standard, with a 5” pad available on request.

APPLICATIONS
* Deburring
* Stripping
* Light grinding
* Cleaning up spot welds

MODEL DCX

The DCX provides a new dimension of adaptability to common attachments and accessories in a National Detroit light duty rotary grinder. The DCX has a threaded head in 5/8 x 11 or 7/16 x 20 to accept a wide variety of quick-change grinding accessories. An M14 metric head is also available. The DCX is sold without pad. Contact National Detroit for information regarding applicable attachments & accessories.

APPLICATIONS
* Deburring
* Stripping
* Light grinding
* Cleaning up spot welds

MODEL PGDC

The PGDC delivers light-duty grinding in a palm sander. This makes it perfect for fast grinding or polishing in tight corners, on small ledges, or for buffing spot repairs. You get the same powerful motor and light weight ergonomics of the other palm sanders in a versatile 3” palm-grip tool.

APPLICATIONS
* Deburring
* Stripping
* Light grinding
* Polishing
* Buffing

<table>
<thead>
<tr>
<th>Model</th>
<th>Stroke</th>
<th>r.p.m.</th>
<th>Air Inlet Thread</th>
<th>Recom. Pressure</th>
<th>Weight</th>
<th>Pad Size</th>
<th>Dust Extraction</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCQ</td>
<td>N/A</td>
<td>12,000</td>
<td>1/4” N.P. thread</td>
<td>90 psi</td>
<td>3.5 lbs</td>
<td>4” or 5”</td>
<td>No</td>
</tr>
<tr>
<td>DCX</td>
<td>N/A</td>
<td>12,000</td>
<td>1/4” N.P. thread</td>
<td>90 psi</td>
<td>3.5 lbs</td>
<td>N/A</td>
<td>No</td>
</tr>
<tr>
<td>PGDC</td>
<td>N/A</td>
<td>12,000</td>
<td>1/4” N.P. thread</td>
<td>90 psi</td>
<td>2.25 lbs</td>
<td>3”</td>
<td>No</td>
</tr>
</tbody>
</table>
## BACK UP PADS

Random Orbital Sanding Pads (Pads have 5/16"-24 male stud)

<table>
<thead>
<tr>
<th>Description</th>
<th>Pad Face</th>
<th>3&quot;</th>
<th>5&quot;</th>
<th>6&quot;</th>
<th>5&quot;</th>
<th>6&quot;</th>
<th>Tools Used On</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hook &amp; Loop</td>
<td>—</td>
<td>4177-5</td>
<td>4177-6</td>
<td>4177-5</td>
<td>4177-6</td>
<td></td>
</tr>
<tr>
<td>Fiberglass Backed Neoprene Pad with Tapered Edge Non-Vac</td>
<td>Vinyl</td>
<td>—</td>
<td>4042-5</td>
<td>4042-6</td>
<td>—</td>
<td>—</td>
<td>DA, DAQ, EZQ, EZLS, PGSS, PGU, XLB</td>
</tr>
<tr>
<td></td>
<td>Hook &amp; Loop</td>
<td>—</td>
<td>4047-5</td>
<td>4047-6</td>
<td>—</td>
<td>—</td>
<td></td>
</tr>
<tr>
<td>Aluminum Backed Laminated Neoprene Pad Non-Vacuum</td>
<td>Canvas</td>
<td>3062-3</td>
<td>3062-5</td>
<td>3062-6</td>
<td>—</td>
<td>—</td>
<td>DA, DAQ</td>
</tr>
<tr>
<td></td>
<td>Vinyl</td>
<td>4062-3</td>
<td>4062-5</td>
<td>4062-6</td>
<td>—</td>
<td>—</td>
<td>E20, E2LS</td>
</tr>
<tr>
<td></td>
<td>Hook &amp; Loop</td>
<td>3977-3</td>
<td>3977-5</td>
<td>3977-6</td>
<td>—</td>
<td>—</td>
<td>PGSS, PGU, XLB</td>
</tr>
<tr>
<td>Molded Urethane Pad with Tapered Edge Non-Vac Only</td>
<td>Vinyl</td>
<td>4862-3</td>
<td>4862-5</td>
<td>4862-6</td>
<td>—</td>
<td>—</td>
<td>DA, DAQ, EZQ, EZLS, PGSS, PGU, XLB</td>
</tr>
<tr>
<td></td>
<td>Hook &amp; Loop</td>
<td>4677-3</td>
<td>4677-5</td>
<td>4677-6</td>
<td>—</td>
<td>—</td>
<td></td>
</tr>
</tbody>
</table>

## RANDOM ORBITAL & DUST EXTRACTION PADS

Random Orbital Sanding Pads (Pads have 5/16"-24 female thread) • Fits older style vacuum sanders & old model PG Sander

**NOTE:** All vacuum pads can also be used in non-vacuum applications

<table>
<thead>
<tr>
<th>Description</th>
<th>Pad Face</th>
<th>3&quot;</th>
<th>5&quot;</th>
<th>6&quot;</th>
<th>5&quot;</th>
<th>6&quot;</th>
<th>Tools Used On</th>
</tr>
</thead>
<tbody>
<tr>
<td>Molded Urethane Pad With Tapered Edge Vac or Non-Vac</td>
<td>Vinyl</td>
<td>4882-3</td>
<td>—</td>
<td>—</td>
<td>4882-5</td>
<td>4882-6</td>
<td>DA-DE*, DAQ-DE*, EZQ-DE*, PG-OLD*</td>
</tr>
<tr>
<td></td>
<td>Hook &amp; Loop</td>
<td>4877-3</td>
<td>—</td>
<td>—</td>
<td>4877-5</td>
<td>4877-6</td>
<td></td>
</tr>
<tr>
<td>Fiberglass Backed Laminated Neoprene Pad with Tapered Edge</td>
<td>Vinyl</td>
<td>4082-3</td>
<td>—</td>
<td>—</td>
<td>4082-5</td>
<td>4082-6</td>
<td>DA-DE*, DAQ-DE*, EZQ-DE*, PG-OLD*</td>
</tr>
<tr>
<td></td>
<td>Hook &amp; Loop</td>
<td>4087-3</td>
<td>—</td>
<td>—</td>
<td>4087-5</td>
<td>4087-6</td>
<td></td>
</tr>
</tbody>
</table>

* For tools that use a female backing pad. Newer tools use a male backing pad.
## BACK UP PADS
Pads for 9600 & 9900 Gear Driven Sanders – 5" & 6" Sanders

**NOTE:** Pads attach to tool with (5) #9120 screws

### NON-VACUUM

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### VACUUM

**NOTE:** Pads attach to tool with (5) #9120 screws • All vacuum pads can also be used in non-vacuum applications

### 8" BACKUP PADS FOR MODEL 900, HD-8 & PG-8

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# Back Up Pads

## Rectangular Sanding Pads

### Model 300, 300A
- **3” x 6-1/4”**
- DP 1087-1: Neoprene
- DP 1088: Felt
- DP 2017: Molded Rubber

### Model 300, 300A & 400
- **3-3/8” x 6-3/4”**
- DP 1077: Hook & Loop
- DP 1084: Neoprene
- DP 1085: Felt
- DP 1086: Rubber
- DP 4084: Vinyl

### Model 600 Pads
- **3-1/2” x 7-1/4”**
- 6150: Molded Rubber
- 6157: Alum. Back – Hook & Loop
- 6520: Alum. Back – Felt

### File Board Pads
- **2-3/4” x 16”**
- 6150: Molded Rubber
- 6157: Alum. Back – Hook & Loop
- 8177: Hook & Loop

### 1100/2200 Pads
- **2-3/4” x 8”**
- Work for vacuum & non-vacuum
- 8877: Hook & Loop
- 8890: Rubber/Wet Sanding
- 8891: Rubber/Wet Sanding/Textured
- 8892: Neoprene/Fine Finish
- 8893: Wet Sanding/Fine Finish

### 1100/2200 Punch Plate
- Convert PSA sheets into vacuum ready abrasive
- 8899: 1100/2200 Punch Plate

## Accessories

### T-Handle Kit
- *Great for adding additional leverage or operator comfort*

- **3730**: For DAQ
- **3771**: For EZQ, EZLS, 9900, HD-8 & XLB
- **3790**: For 900 or 9600

### T-Handle Kit with Foam Grip
- *Great for adding additional leverage or operator comfort*

- **3730-B**: For DAQ
- **3771-B**: For EZQ, EZLS, 9900, HD-8 & XLB
- **3790-B**: For 900 or 9600

### Vacuum Hoses & Cuffs
- **3651**: 1” I.D. Hose Per Ft.
- **3654**: 1-1/2” Vacuum cuff
- **3653**: 1-1/4” Vacuum cuff
- **3652**: 1” Vacuum cuff
- **3915**: Swivel Adapter - Increases 1-1/4” O.D. to 1-1/2” O.D. For old style PG & PGSS tool

*NOTE: Vacuum Cuffs - Several sizes available*
# Buffing & Other Pads

## 3" Buffing Pads

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<td>Washed Lambswool, (Cutting/Polishing)</td>
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<tr>
<td>342</td>
<td>Yellow Eurofoam, (Very aggressive cutting)</td>
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<tr>
<td>343</td>
<td>Gray Foam (Finishing/Polishing)</td>
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<td>344</td>
<td>Tan Wool (Aggressive cutting)</td>
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<tr>
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<td>Orange foam cutting pad (Designed for DA buffing and polishing)</td>
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## 5" & 6" Buffing Pads

All pads attach to hook & loop backing pads

Works great with the National Detroit Models 9900 &XLB Buffers!

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<td>6&quot; Yellow Foam Compound (Very Aggressive Cutting)</td>
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<td>9593</td>
<td>6&quot; Gray Foam Finishing Pad (Finishing/Polishing)</td>
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<td>9594</td>
<td>6&quot; White Wool Compound (Aggressive Cutting)</td>
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<td>9595</td>
<td>6&quot; Yellow Wool Finishing Pad (Polishing/Finishing)</td>
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<td>5&quot; Washed Lambswool (Cutting/Polishing)</td>
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<td>5&quot; Orange Foam (Designed for Dual Action Buffing &amp; Polishing)</td>
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## Interface Pads

Pad attaches to hook & loop backing pads

Interface Pads increase conformability to contours on most surfaces

**NOTE:** For use with 8" models PG-8, HD-8 or 900
## WOODWORKING

**NATIONAL DETROIT TOOL APPLICATION CHART**

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* See Orange Peel Removal Kits, Part # 4000 & 4001

## SOLID SURFACE

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* - Use 3” Pad with interface pad

## MARINE

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## AUTOMOTIVE

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National Detroit Sanders can utilize a wide variety of pads, depending on desired application. Specific pad availability is provided with the tool descriptions inside the catalog. More detailed pad data and ordering information is available from National Detroit. Just call or write for a Pad Data sheet and Selection Guide.

**LIMITED WARRANTY**

We warrant each sander manufactured by National Detroit, Inc. to be free from any defects in material or workmanship. Any sander appearing defective must be returned to the factory, transportation charges prepaid for examination.

The obligation of National Detroit, Inc. under any warranty, express or implied, is limited solely to the repair or replacement at its factory of any part which shall prove defective. The duration of the warranty and any other implied warranty, including, but not limited to, any implied warranty of merchantability is expressly limited to (1) year from date of delivery to the original purchaser.

This warranty does not cover damage to any sander arising from alteration or abuse, wear caused by contaminated or extremely high air pressure, accident or negligence, or use for other than its intended purposes, and does not cover any repairs or replacement parts made by anyone other than National Detroit, Inc. In no event shall National Detroit, Inc. be liable for any incidental, or consequential damage arising from the sale or use of this tool.

The warranty registration card must be completed and returned to National Detroit, Inc. within (10) days after being put into service to activate this warranty.