

CE DECLARATION OF CONFORMITY

We, the undersigned, hereby declare that the said electrical equipment (Dual Action Electrical Sander, models 8834101561 and 8834101562) complies with the Machinery Directive 2006/42/EC and the Electromagnetic Compatibility Directive 2014/30/EU.

In addition, the equipment fulfills the requirements of the standards:

EN 62841-1,
EN 61000-3-2,
2014/30/EU,
EN 62841-2-4, EN 55014-1,
EN 61000-3-3, EN 55014-2,
2006/42/EC

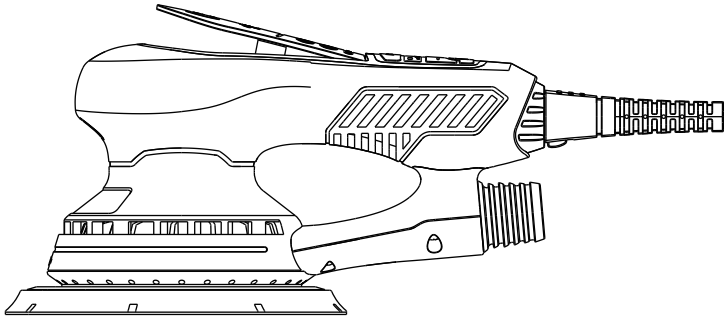

Arnaud SAINT-OURENS

Arnaud SAINT-OURENS
Vice President Abrasives EMEA

SAINT-GOBAIN SURFACE SOLUTIONS FRANCE
251 rue de l'Ambassadeur
F-78700 Conflans-St-Honorine
SIREN 669 801 243 RCS Versailles
NAF 2391Z - TVA FR47 669801243



OPERATOR'S MANUAL
MANUAL del OPERADOR
MANUEL D'UTILISATION



DUAL ACTION ELECTRICAL SANDER

8834101561 - DA Electrical Sander 150 5.0mm
8834101562 - DA Electrical Sander 150 3.0mm



WARNING
ADVERTENCIA
AVERTISSEMENT

To reduce the risk of injury, user must read and understand operator's manual.
Para reducir el riesgo de lesiones, el usuario debe leer y entender el manual.
Pour réduire les risques de blessures, l'utilisateur doit lire et comprendre le manuel de l'opérateur.

1.IMPORTANT SAFETY INSTRUCTIONS

BEFORE USE AND OPERATION, FIRSTLY READ CAREFULLY THIS MANUAL. KEEP THE MANUAL IN A SAFE PLACE FOR FURTHER REFERENCE (THIS MANUAL PROVIDES THE BASIS FOR ANY CLAIMS).

Assignment

This tool is designed to be used as a sander.
Before work and operation, user shall read carefully all warnings, instructions, guidelines, drawings and tool specifications.
This tool is not intended to be used for brushing, polishing or cutting. Any misuse or use inconsistent with intended purpose may result in hazard and body injuries.

⚠ WARNING

Precautions

- ▶Normal use of this product is likely to expose the user to dust and/or microscopic particles containing chemicals that may cause cancer, birth defects or other reproductive harm. Always wear appropriate personal protection equipment and clothing when using this product. Before operation, firstly read carefully and follow all instructions provided with this product. Failure to follow any warnings and operating instructions may result in damages and serious injury or death.
- ▶Always wear approved safety goggles when using this product. (Users and Bystanders)
- ▶Never use this tool for any application that is inconsistent with intended purpose.
- ▶Only use accessories designed for this tool.
- ▶Any alteration or modification is forbidden.
- ▶Improper operation and/or maintenance of the tool, modification of the tool, or use of the tool with accessories not designed for it could result in serious injury or death.
- ▶Always select the correct accessories of the correct size and design for the nature of work that is to be delivered.
- ▶Always work in a clean, well-lighted, organized and adequately equipped area to ensure total safety.
- ▶Before any repairs, firstly check that the tool is in a secure position that prevents any displacement.

INFORMATION REGARDING PRODUCT

- ▶Designed for car body sanding in automotive paint preparation, as well as furniture, woodworking and other industrial sanding.
- ▶Special design reduces vibration, fatigue, also during prolonged operation.
- ▶Constant speed: tool keeps stable output speed even under heavy load.
- ▶Soft-start function for a smooth and safe start.

2.TECHNICAL DATA

DA ELECTRICAL SANDER



Product	DA Electrical Sander	
Model	Orbit Size	Backing Plate
8834101561 DA Electrical Sander 150 5.0mm	5mm	6"(148mm)
8834101561 DA Electrical Sander 150 3.0mm	3mm	6"(148mm)
Input Power	Rated 380W	
Input Voltage	220-240V~ 50/60Hz (CE/CN/SAA) 100-120V~ 50/60Hz (US/JP)	
No Load Speed	4000-10000/min	
Dust Removal	Self-vacuuming+Central vacuuming	
Thread	M8	
Dia. of Dust Exhaust Adaptor	30mm	
Power Cord	5m	
*Weight	1.38kg	

*Machine only, no cables or accessories

MACHINE STRUCTURE



3.SAFETY RULES

⚠ WARNING

Before operation, firstly read carefully this manual. Failure to follow all instructions listed below may result in electric shock, fire and/ or serious injury. The term “power tool” in all of the warnings listed below refers to your mains operated (corded) power tool or battery operated (cordless) one.

WORK AREA

- ▶Keep work area clean and well-lighted. Cluttered or dark areas invite accidents.
 - ▶Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
 - ▶Keep children and bystanders away while operating a power tool.
- CAUTION! Distraction can cause you to lose control over the power tool.

ELECTRICAL SAFETY

- ▶Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.
- ▶Avoid body contact with earthed or grounded surfaces such as pipes, radiators, heaters and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- ▶Do not expose power tools to rain or wet conditions. Any contact with water poses the risk of electric shock.
- ▶Any modification of power cord is forbidden. Never use

the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

- ▶When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor reduces the risk of electric shock.

PERSONAL SAFETY

- ▶Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use the power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operation power tools may result in serious personal injury.
- ▶During operation personal protection equipment is required. Always wear safety goggles. Personal protection equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce risk of body injuries.
- ▶Avoid accidental starting. Ensure the switch is in the OFF position before plugging in. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents and serious body injuries.
- ▶Do not overreach. Keep proper foot position and balance at all times. This enables better control of the power tool in unexpected situations.
- ▶During operation proper clothing is required. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught or trapped by moving parts.
- ▶If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly operated. Use of such devices can reduce dust related hazards.

PRECAUTIONS DURING OPERATION

- ▶Do not force the power tool. Use and operate the power tool according to its intended purpose. The correct power tool will do the job better and will ensure safety.
- ▶Do not use the power tool, if the switch does not turn on and off. Any power tool with inoperative switch poses hazard and must be repaired.
- ▶Before any adjustments, changing accessories or storing power tools, firstly disconnect the plug from the power source. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- ▶Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools pose hazard when operated by untrained or unauthorized users.
- ▶User shall regularly perform maintenance inspections and check in respect of misalignment, clearance, play,

defects, damages, excessive wear of other irregularities that may affect power tool operation. In case of any damage, power tool shall be repaired before use. Many accidents are caused by poor maintenance.

►Keep cutting tools sharp, clean and in good repair. Properly maintained cutting tools with sharp cutting edges ensure control over the power tool during operation.

►Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool inconsistent with intended purpose can result in a hazard or accident.

SERVICE

►Any works related to power tool servicing shall by performed by qualified person. For repairs and service use only original spare parts to ensure safety during power tool operation.

4.PRODUCT INFORMATION

- Designed for car body sanding in automotive paint preparation, as well as furniture, woodworking and other industrial sanding.
- Low vibration, less fatigue.
- High-voltage brushless motor provides long service life and high power; no need to replace carbon brushes; moreover, the brushless motor is smaller and the machine is lighter. Compared with brushed motors, brushless motors can convert electrical energy into more mechanical energy. Under the same power, the machine has higher conversion rate and stronger power.
- There's an LED light on the head of the machine to facilitate sanding in dark environments.
- Compact body for one hand operation, 1.38kg light weight makes it easy to operate for a long time without fatigue.
- The soft rubber grip prevents the machine body from slipping due to dust or sweat.
- The grip is more stable and avoids dust adhering to the machine body or slipping due to sweat, which may affect the use of the machine.
- Optimized internal ventilation for better heat dissipation, effectively improving the motor performance and making it more adaptable to high-intensity work under severe dust conditions.

⚠ WARNING

►To prevent the risk of body injury, electric shock and tool damage, do not immerse tool in water or any other liquid and protect the tool against any contact with water.

REPAIRS

►In case of any damage or when repair is necessary, contact the nearest authorized service center.

POWER CABLE

Do not bend the power cord at will. Check the power cord frequently. If it is damaged, replace it in time.

PRECAUTIONS

- (1)Any works related to cutting with this tool and grinding wheels is forbidden.
- (2)Max. operating speed of the backing disc shall be always higher than the rated speed of the power tool.
- (3)During tool operation always wear approved personal protection equipment including safety goggles, gloves, hearing protectors and use of protective clothing is recommended.
- (4)Personal protection equipment and dust collection devices shall be chosen according to the type of material purposed for sanding.
- (5)In case of power supply failure, release the trigger and disconnect the device from power source.
- (6)Only use the lubricants recommended by the manufacturer.

5.SERVICE

The Norton SG guarantees the product against defects in material and workmanship for a period of 3 years from the date of the original purchase.

Read the manual carefully before using the machine. Keep the purchase receipt; without it, the warranty is invalid. To help you with your product, we invite you to contact us via our website: <https://services.swap-europe.com/contact>

- (1) Norton SG only provides free repair for failures caused by material defects or product process problems during the warranty period. When users request a warranty, they must present the purchase receipt and warranty card, clearly stating the full name and model of the purchased product, the product number on the nameplate on the machine, and the purchase date. At the same time, they must provide the entire machine and accessories for which a warranty is requested and have it verified by an authorized repair center. Otherwise, there is no warranty right.
- (2) During the warranty period, the following consumable parts are not covered by the warranty due to natural wear and tear in use:
 - Wear in service: commutator, bearing, bushing, gear, O-ring, etc.

interchangeably among the quick-connect products, only one power socket can meet the needs of multiple tools, greatly improving the on-site environment.

⚠ WARNING

- 1. When the cable is used for multiple machines, the cable provided with the highest power machine should be used as the interchangeable cable.
- 2. When the cable is plugged into the socket, if the other end is not connect with the machine, it needs to be covered with a protective cover and placed in a safe place away from moisture, mess, and dust. Do not place it randomly.



START, STOP AND SPEED CONTROL

Power On

After the machine is powered on, it enters standby mode, and the speed indicator light turns blue. In standby mode:

- 1. The machine speed is adjustable: adjust the speed level by pressing the "+" and "-" buttons;
- 6-level speed, lower speed levels correspond to slower speeds, and the higher the gear, the faster the speed. Generally, low speeds are recommended for small areas, while high speeds are better for large work areas.
- 2. LED light: Press the "LED" button, and the light can be turned on and off normally;

Activation Switch

- 1. When the power is on, click the activation switch button, the status light will turn blue, and the machine enters the activation state. At this time, the motor is activated, press the pedal and the machine will start working;
- 2. In the activation mode, you can long press the activation switch, and the machine enters the standby state.

Speed Control

- 1. The top of the machine is equipped with a Hall induction switch pedal which controls the machine speed according to the pressing depth; press the pressing plate downward to start, release to stop.

- Consumables: Power cord, plug, cable sheath, handle, housing, polishing pads, backing plate of sander, etc..
- *Non-warranty parts and maintenance labor costs are the responsibility of user.
- (3) The following are not covered under warranty:
 - Damage caused by failure to use, maintain and store the product in accordance with the instructions for use.
 - Damage caused by drooping, water ingress, etc., due to improper use, storage or transportation.
 - Damage caused by failure to use original parts or recommended accessories and lubricants.
 - The user disassembles, or causes damage by repairing, rebuilding, disassembling, or maintaining in non-authorized service points.
 - Damage caused by forcing the brakes or exerting excessive pressure on power tools when they are operated at high speed.
 - Damage caused by starting a power tool without reaching a constant speed or stopping it completely before it starts to process a work piece or change functions.
 - Working in dusty or humid environments for long periods of time without timely maintenance due to the entry of foreign objects.
- (4) Norton SG reserves the right to modify the above terms and conditions at any time without notice, and has the final interpretation of the above warranty terms.

GUIDE FOR A WARRANTY CLAIM

You must create a ticket via the webplatform <https://services.swap-europe.com/>

- Register or create your account
- Indicate the reference of the tool
- Chose the subject of your request
- Describe your problem
- Attach these files: invoice or sales receipt, photo of the identification plate (serial number), photo of the part you need (for example: pins on the transformer plug which are broken).
- Please keep your original packaging to allow for after-sales service returns or pack your machine with a similar cardboard box of the same dimensions.

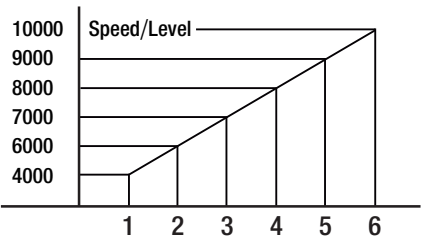
For any question concerning our after-sales service you can make a request on our website <https://services.swap-europe.com>

EXEMPTION FROM LIABILITY

The manufacturer and his representative are not liable for any damage and lost profit due to interruption in business caused by the product or by an unusable product. The manufacturer and his representative are not liable for any damage which was caused by improper use of the power tool or by use of the power tool with products from other manufacturers.

- 2. The non-contact Hall switch provides more precise speed control, and the dust-proof design guarantees a long service life.

ES700 ELECTRIC SANDER



SURFACE PREPARATION

- For best results, clean, dry and degrease the surface before sanding to remove stubborn dirt, dust, insect related stains.
- Select the correct grit number of sanding disc as per work requirements.

SANDING

- Ideal for sanding large flat surfaces such as hoods, trunks and roofs. Do not push the machine down hard, move the electric sander back and forth in long sweeping motions. Excessive pressure, incorrect angles, or improper movements can cause severe scratches or burns.

DUST COLLECTION

- The sander is equipped with a multi-hole backing disc. To ensure dust-free sanding, the user shall use the sanding disc provided with holes. To ensure dust-free sanding, holes of sanding pad shall be aligned with ones of backing disc.
- The sander is provided with dust extraction function that ensures effective dust collection.



⚠ WARNING

- To reduce the risk of injury, keep the power cord away from the path of the sander. Otherwise the sanding pad or backing plate may damage the cord and expose live wires.
- When sanding, apply small pressure and keep the sander moving constantly, especially when working near an edge or where there are abrupt changes in the contour of the work surface.

PREVENT DISC DAMAGE

- Any contact of sanding pads with rough edges of a work surface may result in damages, cavities and sudden kick-back. To prevent such risk, operate the sander at low speed when sanding rough surfaces, tricky areas such as near trimming or between a mirror and car window. Do not take chances with a sander. Sand these surfaces by hand.

MAINTENANCE

- Keep your tool in good repair and conduct maintenance on regular basis. Before use, firstly check the power tool in respect of the general condition, switches, power cord along with the extension for damage. Check for loose screws, misalignment, operation of moving parts, improper mounting, damaged part sand any other abnormalities that may affect safety during operation. If abnormal noise or vibration is evident, turn the tool off immediately and ensure repairs are provided before reuse. Operation of damaged power tool is forbidden. Until repair is completed, the power tool shall be labelled with “DO NOT USE” plate. After six months to a year, depending on usage, return the tool to the nearest service center for the following treatments:
 - Lubricating;
 - Inspect and clean components (spindles, bearings, casings, etc.);
 - Check electrical parts(switches, power cords, rotors, etc.);
 - Testing to ensure proper mechanical and electrical operation.

⚠ WARNING

- To prevent the risk of body injury, always before any works related to maintenance, firstly unplug the power tool. Never disassemble the tool or do any rewiring, if the power tool is connected to power source.

CLEANING

- Clean all vents and remove dust and debris. Keep the tool handle clean, dry and free of oil or grease. For cleaning use a soft cloth lightly moistened with a mild detergent.
- CAUTION! Some cleaning agents and solvents including gasoline, turpentine and paint dedicated thinners containing ammonia or chlorinated cleaning solvents for household are harmful to plastics and other insulated parts. Never use flammable or combustible solvents around the power tool.