

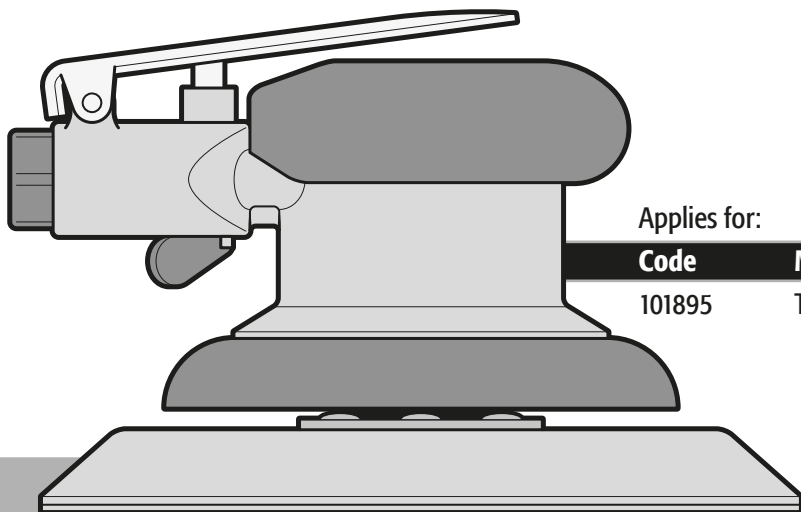


Manual

Air Palm Sander

6"

Sanding Disc
Diameter



Applies for:

Code

Model

101895

TPN-861-2

TPN-861-2



WARNING

Use oil continuously and
dosed to lubricate the tool.



CAUTION



Read this manual thoroughly
before using the tool.



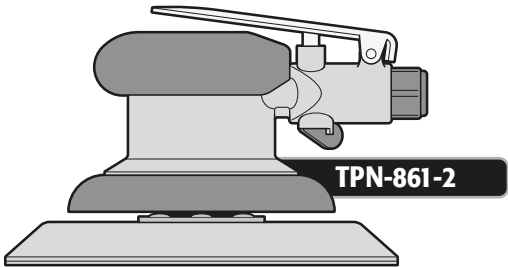
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 CAUTION

To gain the best performance of the tool, prolong the duty life, make the Warranty valid if necessary, and to avoid hazards of fatal injuries please read and understand this Manual before using the tool.

Keep this manual for future references.

The illustrations in this manual are for reference only. They might be different from the real tool.



Technical data



TPN-861-2

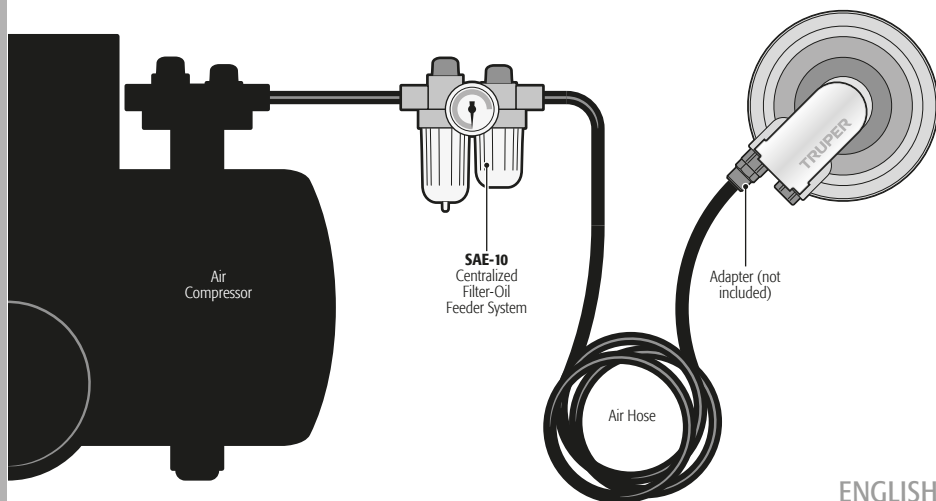
Code	101895
Description	Air palm sander
Sander Disc Diameter	6"
Noise Level	85 dB
Vibration Level	< 2.5 m/s ²
Air Exhaust	Rear
Free Speed	10 000 RPM
Weight (without accessories)	2 lb
Air Consumption	3.5 CFM
Air Input Connection	1/4 NPT
Hose Minimum Recommended Diameter	1/4"
Air Pressure	90 PSI

CAUTION Please consider the increase in pressure in the line or the hose inside diameter to compensate the use of too long hoses (more than 26.2 ft.). The hose minimum inside diameter shall be 1/4" and the connectors shall be 1/4 NPT. Use the right size and good quality couplers and accessories.

Filtering and lubrication requirements

CAUTION Dust, water and lack of oil specific for pneumatic tools are the main cause of potential flaws with the tool. We recommend installing a **TRUPER** Brand **SAE-10** centralized filter-oil feeder system. This system assures lubrication reducing 80 % oil consumption significantly increasing the breathing air quality for the operator.

- The filter-oil feeder system must be regulated to administer 3 to 6 drops per minute.
 - Drain the water in the air compressor tank and also condensation in the hoses before using the tool.
- Consult the air compressor instructions.



General safety warnings For pneumatic tools

Keep your work area clean, tidy and well lit.

CAUTION Cluttered and dark areas may cause accidents.



Never use the tool in explosive areas or in the presence of flammable liquids or with no ventilation.

DANGER Sparks the tool generates could trigger an explosion or start a fire.



Keep children and passersby at a safe distance while operating the tool.

WARNING Distractions can cause losing control and cause accidents.



Avoid making contact with power lines and circuits.

DANGER Find and avoid power lines and circuits, especially hidden wiring as well as any grounded object.



Stay alert, use care and common sense.

CAUTION Familiarity with the tool operation could lead to distractions while using it. It could cause accidents.



Refrain from using the tool if tired or under the influence of drugs, alcohol or medication.

DANGER Being momentarily distracted while using the tool could cause severe personal injury.



Operate the tool with guards and protection devices in place and in good working condition.

WARNING Failure to comply with this warning is a hazard of severe personal injury.



Securely fasten and support the work piece.

CAUTION Use brackets and a stable work surface.

Never force the tool.

CAUTION Working within the tool's working design assures a better and safer job.



Keep the tool in a safe place and out of the reach of children.

WARNING Power tools are dangerous to inexperienced people.



Wear proper clothes.

WARNING Loose clothes, jewelry or long hair could get caught in the mobile parts.



Keep hands away from rotating and/or mobile parts.

WARNING Failure to comply with this warning is a hazard of severe personal injuries or crushing.



Wear adequate protective safety accessories.

CAUTION Wear eye protection, dust mask, non-skid safety shoes, helmet and ear plugs. In normal conditions, the risk of injury is reduced.



Unplug the air hose from the tool before carrying out maintenance or replacing accessories.

WARNING Prevent accidental startups that cause accidents.



Refrain from operating the tool if the switch is not working or is not properly assembled.

WARNING Failure to complain with this warning is a hazard of personal injury. Immediately send it to a

 **TRUPER** Authorized Service Center.



Do not overreach.

CAUTION Good balance and support lead to better controlling the tool in unexpected situations.



Never pull the air hose.

WARNING Do not use it to carry or unplug the tool from the air outlet. Damaged or tangled hoses may burst and project residues towards the operator.



Prevent unintentionally starting the tool.

WARNING Double-check the motor is OFF before lubricating, setting up accessories or carry out maintenance.



Remove brackets before turning on the tool.

DANGER Additional tools or vices installed in a rotating part could cause severe personal injury.



Double-check maintenance and good working conditions before using the tool.

CAUTION Carefully check mobile parts, alignment and assembly. Do it periodically. Look for any damaged element or parts not working properly. Repair immediately in a  **TRUPER** Authorized Service Center.



Accessories.

CAUTION Use only accessories or spare parts indicated in this Manual or certified by  **TRUPER**.



Never leave a running tool unattended.

CAUTION Turn off and disconnect tool after using. Set it in a safe position to avoid severe injury.

Risk control when using pneumatic tools



Risk of injury in head and eyes



⚠ WARNING • Compressed air out of pneumatic equipment may be dangerous. Objects like brackets, burrs, splinters, dust and other residues may be impelled towards head and eyes due to high speed of the air flow. The air flow itself can only injure soft tissue such as eyes, ears, etc.

⚠ CAUTION • The tool attachments may get loose or break and project particles towards the operator or other operators in the work area.

To prevent head and eyes injuries

- Always, when operating pneumatic equipment wear protection glasses in compliance with the ANSI-Z87.1 Standard. As additional protection, wear a mask.
- Never aim the air flow towards people or animals.
- Disconnect the air hose from the tool when not in use.
- Never set a tool unattended when connected to the air outlet.
- Before using the tool verify all the parts and accessories are perfectly secured.



Risk of explosion



⚠ WARNING • Incorrect handling of pressure in pneumatic equipment may cause an explosion causing severe injuries.

To prevent explosions

- Before using the tool double check the compressed air source is regulated to the tool specified pressure and must not exceed 200 PSI.

Risk of hearing loss



⚠ WARNING • Being exposed long periods of time to noise pneumatic tools produce may damage hearing permanently causing hearing loss.

To prevent hearing loss

- Always, when operating pneumatic equipment wear hearing protection in compliance with the ANSI S3.19 Standard



Risk of inhaling particles



⚠ WARNING • Abrasive tools like grinders, sanders and cutting tools generate dust and particles that damage the lungs and respiratory system.
• Some materials like resin or adhesive are made with chemicals and the vapors emitted may cause serious damage if the operator is exposed for long periods of time.

To prevent inhaling particles

- Always wear a face mask or breathing device when operating these types of tools.
- Always work in a clean, well ventilated area.



Risk of electric shock



⚠ WARNING • Pneumatic tools do not have electric insulation. If during the operation, the tool makes contact with a source of electricity, the energy will be conducted to the operator causing a fatal electrocution.

To prevent electric shock

- Never use pneumatic tools to work energized electric wiring.
- Before operating the tool find the possible hidden wiring in the work zone to prevent making contact.
- Avoid contact with grounded surfaces like pipes, radiators or refrigerators. The risk of electrocution increases if the operator's body gets grounded.

Risk of damaging the tool



⚠ WARNING • Pneumatic tools forced beyond the capacity and lacking of adequate lubrication or used to loosen rusted nuts (with impact guns) will get damaged and make the Warranty void.

To prevent damaging the tool

- Keep the tool duly lubricated.
- Do not force the tool.
- Apply "loose it all" liquid to rusted nuts or lugs before trying to loosen with the tool (impact gun).

Risk of injuries



⚠ WARNING • Damaged hoses may burst and cause serious injuries or deafness.

To prevent injuries

- Do not abuse the hose or the connectors.
- Keep the hose away from sharp or abrasive edges.
- Unplug the hose when setting up accessories like grinding discs or bits.
- Never use the hose to carry the tool.
- Never pull the hose to unplug it.
- Do not expose the hose to heat, oil or solvents.
- Before operating the tool, verify the hoses are not damaged.

• Pneumatic tools connected to the compressed air source, if operated by untrained staff or underage people, will cause severe injuries.

• Unplug the air hose when the tool is not in use. Store the tool in a safe place away from children or untrained people. Keep children and untrained people away from the work area.

• The compressed air used in pneumatic equipment may be dangerous. Objects like vices, burrs, splinters, dust and other residues may be impelled by the high-speed air flow towards the operator or other people in the work area.

• Keep the work area clean, tidy and with good lighting.

• Remove any wrench or plier from the tool before operating.

• Using inflation nozzles to clean or torch blowing may cause severe injuries.

• Do not use inflation nozzles to clean or to torch blowing.

• Tools and accessories not suitable, damaged or low quality like grinding discs, chisels, contacts, drills, brad nailer, staplers, etc., may shoot out during the operation and project particles causing severe injuries.

• Use only parts, vices and accessories recommended by  **TRUPER®**.

• Brackets may get lose and be projected causing severe injuries or damage to property.

• Double check all connections are correctly installed.

• Tools that accidentally start may cause severe injuries.

• Never carry the tool by the trigger.

• Disconnect the air hose out from the tool when not in use.

• Never leave the tool unattended when connected to the air outlet.

• Tools and accessories with no maintenance may cause severe injuries.

• Keep the tool handle clean and dry, free of oil or grease.

• Keep tools clean. A meticulously cleaned and oiled tool delivers a more effective performance and is easier to control.

• Any type of repair can only be carried out in a  **TRUPER®** Authorized Service Center.

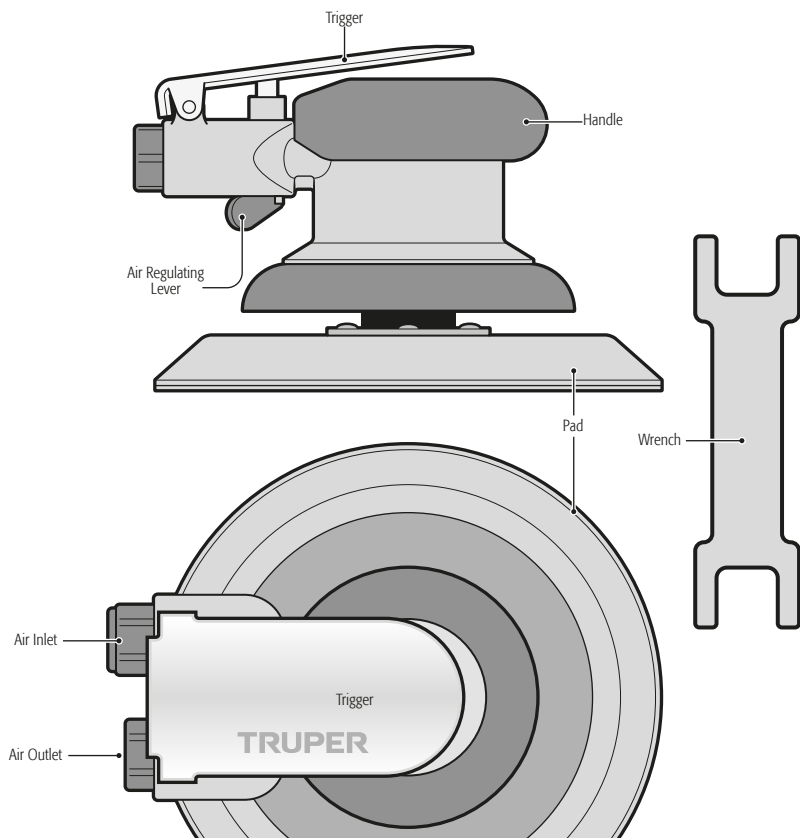
• Tools using accessories without  **TRUPER®** certification may cause severe injuries.

• Use always accessories matching the tool speed.

• Use only  **TRUPER®** certified accessories.

• Damaged or banded tools may cause severe injuries.

• Do not use damaged or banded tools.



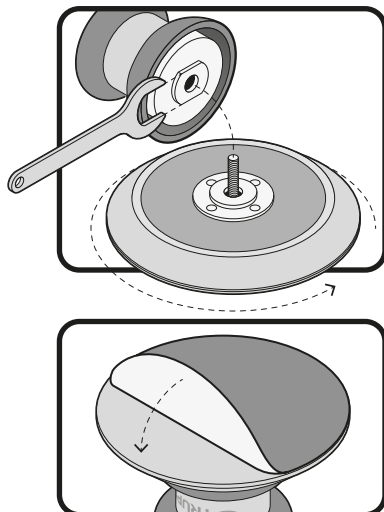
Assembly

Pad Set Up

- Set the pad axis in the sander cylinder.
- Keep the cylinder nut fixed using the included wrench while manually turning the pad until is tight.

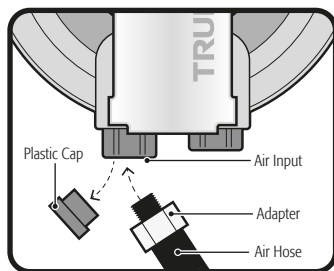
Sandpaper Set Up

- The sander can take 6 " diameter hook and loop self-adhesive round sandpaper.
- Select sandpaper with the adequate grain suitable for the job. It is recommended starting with coarse sandpaper to remove the bigger imperfections and as the job advances, change to a finer sandpaper to gain the desired finish. Do not change directly from coarse sandpaper to very fine sandpaper. Change the sandpaper progressively.
- Adhere the sandpaper to the pad. Make sure it is aligned.



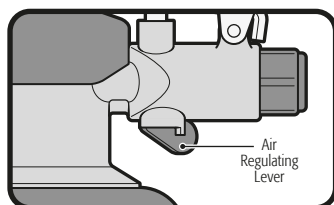
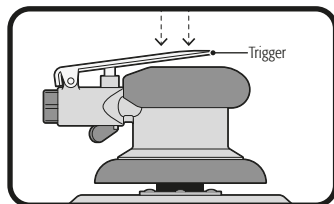
Air intake connection

- Remove the plastic cap that covers the air inlet at the base of the handle.
- Connect the air hose to the tool using an adapter (not included) by screwing the adapter into the tool's air inlet.
- If working with different pneumatic tools and only one compressor, it is recommended to use a quick coupling (not included) together with the adapter to connect and disconnect the tools and interchange them easily.



Turning On

- Turn ON the air compressor until is full.
 - Regulate the outlet pressure in the air compressor from 90 PSI to 115 PSI.
- ⚠ WARNING** This is the pressure range for this tool. If operated in higher pressure ranges the useful life of the tool will be shorter.
- Before connecting into the tool, allow some air run through the hose and coupling to verify both are clean.
 - Press the trigger so the pad will start orbiting.
 - Release the trigger to stop the pad.
 - Depending on the requirements of the job, you can adjust the air inlet with the air regulating lever.



Maintenance

Lubrication

- Pneumatic tools need constant lubrication along their useful life and during the operation. The compressed air needed in the tool to run carry humidity which could oxidize the motor and bearing in the tool. To prevent this possibility, it is necessary to constantly deliver lubricating oil through a **TRUPER** Brand **SAE-10** with viscosity centralized filter-oiler system installed between the air compressor and the tool.

⚠ WARNING • Any excess of oil in the motor is immediately expelled through the exceeding oil escape. Keep the escape free of obstructions and never point it towards people or objects.

- If not using the tool for long periods of time, it shall need to be lubricated with care.
- After 60 hours' operation, the tool mechanism need a little greasing. Excessive grease may diminish power.

Service

- Servicing the tool shall be carried out every 3 months only in a **TRUPER** Authorized Service Center. Service and maintenance carried out by not certified people may be dangerous and can cause severe personal injuries as well as making the product Warranty void.

- Malfunction in the tool caused by no using the recommended dose of lubrication, or not complying with this Instructions, or repairs carried out by people not certified by **TRUPER** will not be covered with the Warranty. We reserve the right to carry out technical improvements without notice.

In the event of any problem contacting a Truper Authorized Service Center, please see our webpage www.truper.com to get an updated list, or call our toll-free numbers 800 690-6990 or 800 0187-873 to get information about the nearest Service Center.

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Code	Model	Brand
101895	TPN-861-2	 TRUPER®

Warranty. Duration: 2 year. Coverage: parts, components and workmanship against manufacturing or operating defects, except if used under conditions other than normal; when it was not operated in accordance with the instructive; was altered or repaired by personnel not authorized by **Truper®**. To make the warranty valid, present the product, stamped policy or invoice or receipt or voucher, in the establishment where you bought it or in Corregidora 35, Centro, Cuauhtémoc, CDMX, 06060, where you can also purchase parts, components, consumables and accessories. It includes the costs of transportation of the product that derive from its fulfillment of its service network. . Phone number **800-018-7873**. Made in China. Imported by Truper, S.A. de C.V. Parque Industrial 1, Parque Industrial Jilotepec, Jilotepec, Edo. de Méx. C.P. 54257, Phone number 761 782 9100.



2 YEAR

Stamp of the business. Delivery date: