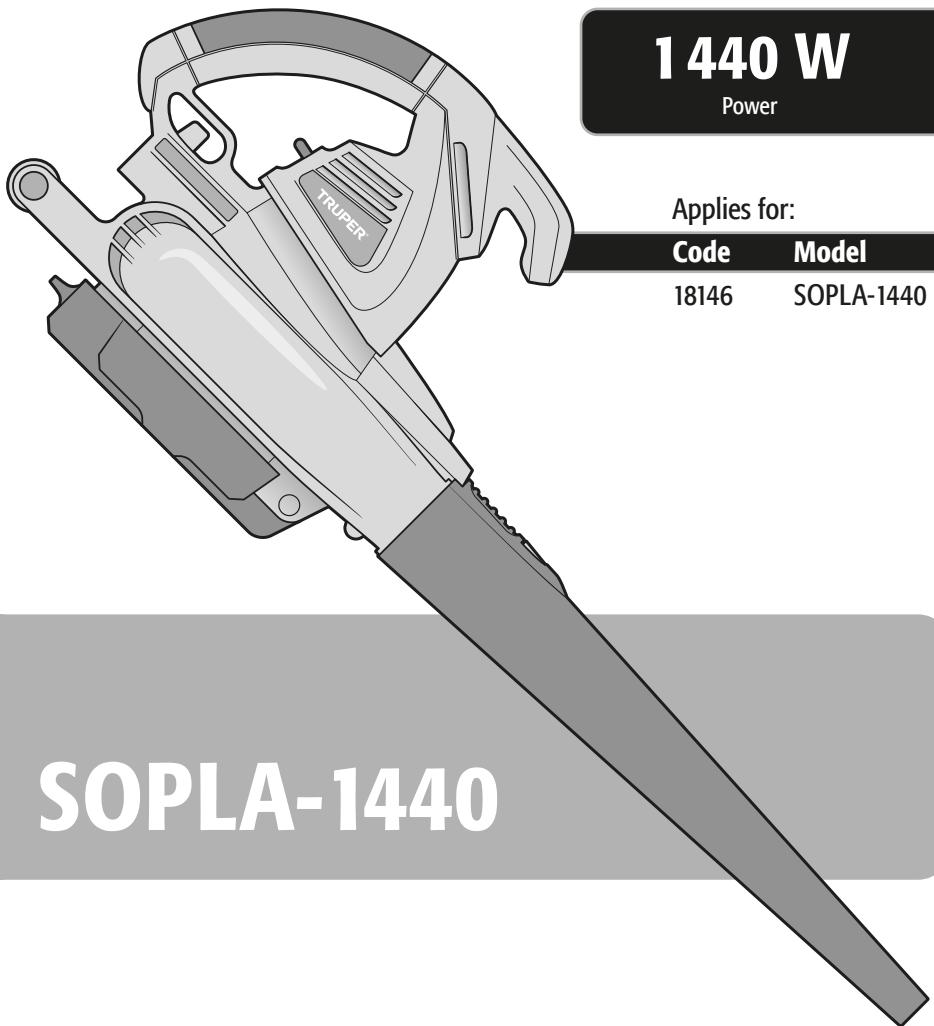


## Manual

# Electric blower / Vac



**1440 W**

Power

Applies for:

**Code**      **Model**

18146      SOPLA-1440

# SOPLA-1440

**! 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.

## Use and care recommendations



**USE 1 OUTLET, HEAVY DUTY EXTENSION CORD (16 AWG) (Not included)**



**DO NOT OPERATE UNIT ON WET GROUND** or use for wet materials.



Perform periodic **MAINTENANCE** to your machine (page 9).

## SOPLA-1440

Code	18146
Description	Blower / VAC
Voltage	127 V~
Frequency	60 Hz
Current	12 A
Power	1440 W
Speed	16 340 RPM
Air speed	High: 225 MPH   Low: 180 MPH
Air volume	380 CFM
Volume reduction	10:1
Container	12 Gal
Weight	10.5 lbs
Noise level	95 dB
Work cycle	50 minutes' work per 20 minutes' rest: Maximum 6 hours daily
Insulation	Class II

Tool Build Quality: Double insulation  
Thermal insulation on motor winding: Class B

**WARNING** Avoid the risk of electric shock or severe injury. When the power cable gets damaged it should only be replaced by the manufacturer or at a TRUPER Authorized Service Center.

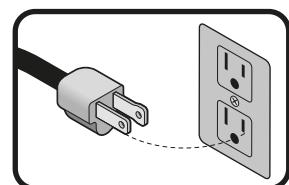
The build quality of the electric insulation is altered if spills or liquid gets into the tool while in use. Do not expose to rain, liquids and/or dampness.

**WARNING** Before gaining access to the terminals all power sources should be disconnected.



## Power Requirements

**WARNING** Tools with double insulation and reinforced insulation are equipped with a polarized plug (one prong is wider than the other). This plug will only fit in the right way into a polarized outlet. If the plug cannot be introduced into the outlet, reverse the plug. If it still doesn't fit, call a qualified electrician to install for you a polarized outlet. Do not alter the plug in any way. Both insulation types eliminate the need of both a grounded third power cord with three prongs or a grounded power connection.



**WARNING** When using an extension cable, verify the gauge is enough for the power that your product needs. A lower gauge cable will cause voltage drop in the line, resulting in power loss and overheating. The following table shows the right size to use depending on cable's length and the ampere capability shown in the tool's nameplate. When in doubt use the next higher gauge.

Ampere Capacity	Number of Conductors	Extension gauge	
		from 6' to 49'	higher than 49'
from 0 A and up to 10 A		18 AWG(*)	16 AWG
from 10 A and up to 13 A		16 AWG	14 AWG
from 13 A and up to 15 A		14 AWG	12 AWG
from 15 A and up to 20 A	3 (one grounded)	8 AWG	6 AWG

\* It is safe to use only if the extensions have a built-in artifact for over current protection.

AWG = American Wire Gauge. Reference: NMX-J-195-ANCE



**WARNING** When operating power tools outdoors, use a VOLTECK grounded extension cable labeled "For Outdoors Use". These extensions are specially designed for operating outdoors and reduce the risk of electric shock.

General power tool  
safety warnings

**⚠ WARNING!** Read carefully all safety warnings and instructions listed below. Failure to comply with any of these warnings may result in electric shock, fire and / or severe damage. **Save all warnings and instructions for future references.**

**Work area**

Keep your work area clean, and well lit.

Cluttered and dark areas may cause accidents.



Never use the tool in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.

Sparks generated by power tools may ignite the flammable material.



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

Distractions may cause loss of control.

**Electrical Safety**

The tool plug must match the power outlet. Never modify the plug in any way. Do not use any adapter plugs with grounded power tools.

Modified plugs and different power outlets increase the risk of electric shock.



Avoid body contact with grounded surfaces, such as pipes, radiators, electric ranges and refrigerators.

The risk of electric shock increases if your body is grounded.

**Do not expose the tool to rain or wet conditions.**

Water entering into the tool increases the risk of electric shock.

Do not force the cord. Never use the cord to carry, lift or unplug the tool. Keep the cord away from heat, oil, sharp edges or moving parts.

Damaged or entangled cords increase the risk of electric shock.

When operating a tool outdoors, use an extension cord suitable for outdoor use.

Using an adequate outdoor extension cord reduces the risk of electric shock.

If operating the tool in a damp location cannot be avoided, use a ground fault circuit interrupter (GFCI) protected supply.

Using a GFCI reduces the risk of electric shock.

**Personal safety**

Stay alert, watch what you are doing and use common sense when operating a tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.

A moment of distraction while operating the tool may result in personal injury.

Use personal protective equipment. Always wear eye protection.

Protective equipment such as safety glasses, anti-dust mask, non-slip shoes, hard hats and hearing protection used in the right conditions significantly reduce personal injury.



Prevent unintentional starting up. Ensure the switch is in the "OFF" position before connecting into the power source and / or battery as well as when carrying the tool.

Transporting power tools with the finger on the switch or connecting power tools with the switch in the "ON" position may cause accidents.

Remove any wrench or vice before turning the power tool on.

Wrenches or vices left attached to rotating parts of the tool may result in personal injury.

Do not overreach. Keep proper footing and balance at all times.

This enables a better control on the tool during unexpected situations.

Dress properly. Do not wear loose clothing or jewelry. Keep hair, clothes and gloves away from the moving parts.

Loose clothes, jewelry or long hair may get caught in moving parts.



If you have dust extraction and collection devices connected onto the tool, inspect their connections and use them correctly. Using these devices reduce dust-related risks.

**Power Tools Use and Care**

Do not force the tool. Use the adequate tool for your application.



The correct tool delivers a better and safer job at the rate for which it was designed.

Do not use the tool if the switch is not working properly.

Any power tool that cannot be turned ON or OFF is dangerous and should be repaired before operating.

Disconnect the tool from the power source and / or battery before making any adjustments, changing accessories or storing.

These measures reduce the risk of accidentally starting the tool.

Store tools out of the reach of children. Do not allow persons that are not familiar with the tool or its instructions to operate the tool.



Power tools are dangerous in the hands of untrained users.

Service the tool. Check the mobile parts are not misaligned or stuck. There should not be broken parts or other conditions that may affect its operation. Repair any damage before using the tool.



Most accidents are caused due to poor maintenance to the tools.

Keep the cutting accessories sharp and clean.

Cutting accessories in good working conditions are less likely to bind and are easier to control.

Use the tool, components and accessories in accordance with these instructions and the projected way to use it for the type of tool when in adequate working conditions.

Using the tool for applications different from those it was designed for, could result in a hazardous situation.

**Service**

Repair the tool in a TRUPER Authorized Service Center using only identical spare parts.

This will ensure that the safety of the power tool is maintained.



This tool is in compliance with  
the Official Mexican Standard  
(NOM - Norma Oficial Mexicana).

## Before operating the blower

**DANGER** • Never operate the tool when tired, sick or under the effects of drugs, alcohol or medicine.

• Equip yourself with appropriate clothes to operate the tool: tight clothing, thick pants, non-slip safety boots, heavy duty protective gloves and safety glasses with side protection under the ANSI Z87.1 as well as anti-dust mask or face mask to prevent breathing harmful residues.



**WARNING**

- Use ear protectors, when running services that make noises above 85 dBA
- Remove any accessory or loose clothing that can get trapped in the motor. Tie long hair and set it above the shoulders level.
- Double check the tool is in perfect conditions. Do not turn ON if not adjusted or fully assembled so that it works safely.
- Confirm the tool is clean, dry and free of oil.
- Make sure the work area is in an open and well-ventilated area.
- In extreme temperatures check that there are no ice or condensation on the tool.
- Make sure visibility conditions and light conditions are adequate to see clearly, otherwise do not use the tool.

The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or by untrained persons, unless they are supervised by a person responsible for their safety or have received prior instruction in the use of the appliance.

Children should be supervised to ensure

**CAUTION** play with the appliance.

Close supervision is necessary when handicapped persons or children use any electrical appliance or are near it.



## While operating the blower

**WARNING** • Make sure the nozzle is not pointed towards people or animals before starting the motor. Do not point the blower at people or animals.

• Hold the blower correctly with both hands in two or the three handles and both feet firmly set on the ground.

• Keep the tool away from flammable materials.

• Do not try to make adjustments to the tool while the engine is running.

• Do not try to remove material that is stuck inside the pipes or the blower while the motor is running. Disconnect before removing the material.

• Be aware of possible risks in the environment. The tool noise may prevent you from noticing.

## After operating the blower

**WARNING** • Turn OFF the motor before setting idle the tool. DO NOT leave the motor running unattended.

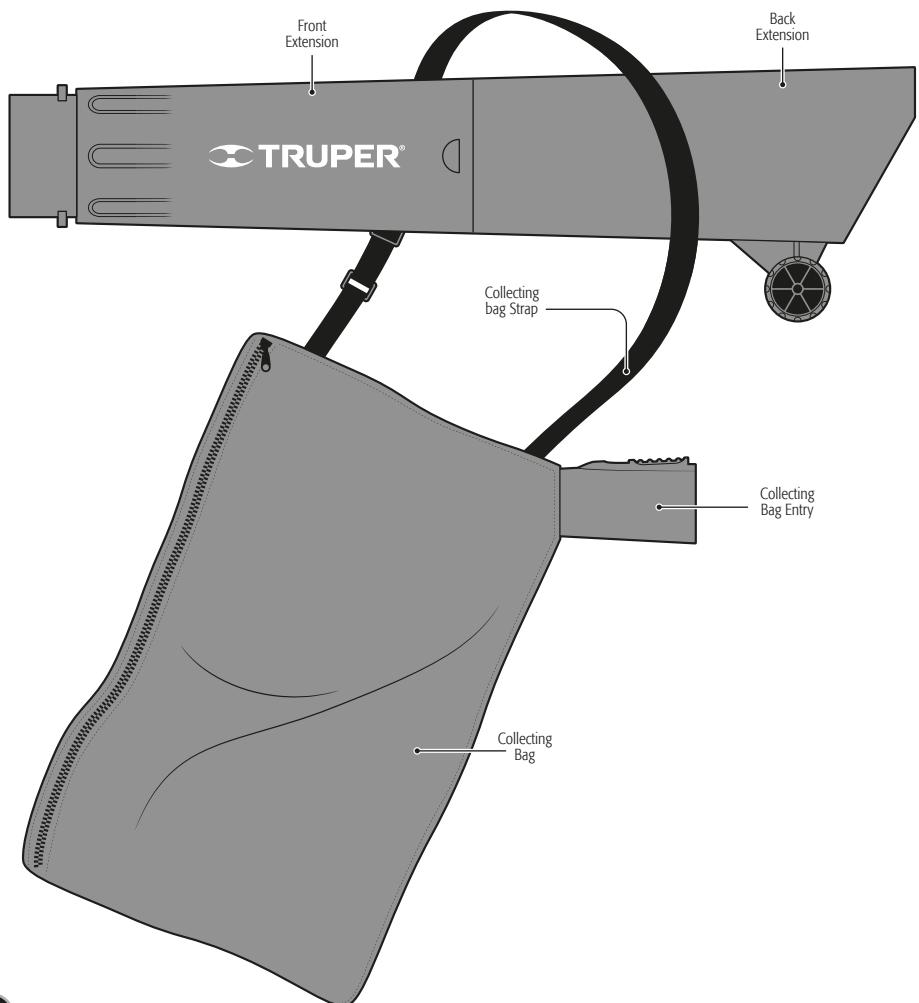
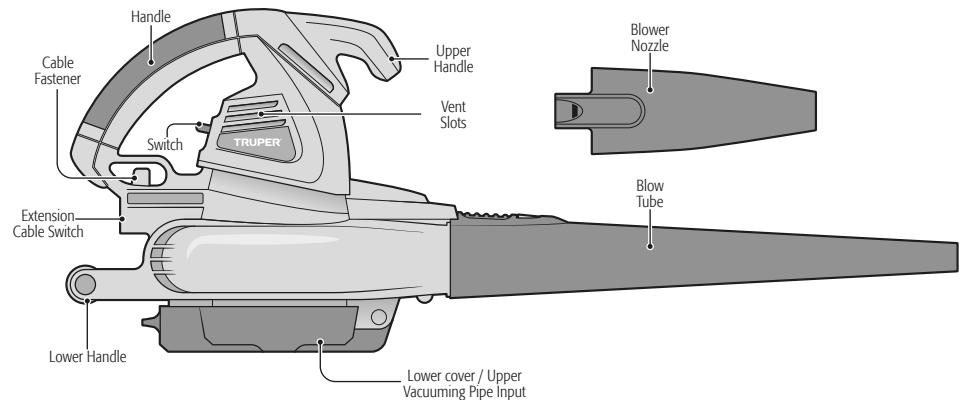
**WARNING** • Do not leave the blower with the motor running on dirty surfaces or grass. It can pick up residues that later can be thrown towards the operator or third parties and cause severe injuries.

**CAUTION** • Only highly trained personnel can carry out service and repairs.

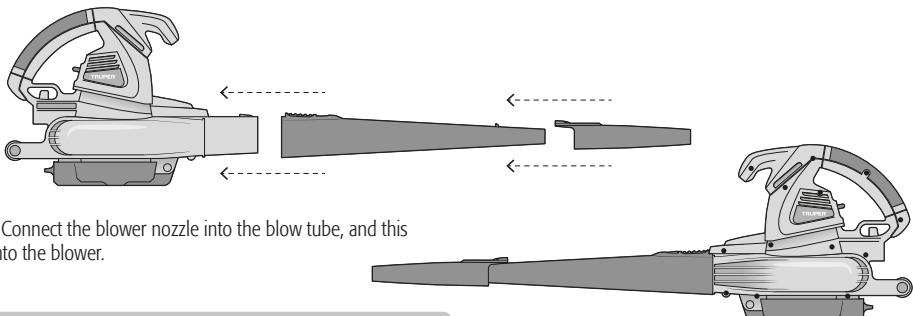
## Assembly recommendations

**WARNING** • If parts are missing do not start the tool until replaced. Otherwise the operator may suffer severe personal injuries.

**WARNING** • Do not try to modify the tool or manufacture accessories not recommended for the machine. Otherwise the operator may be injured and makes the warranty void.

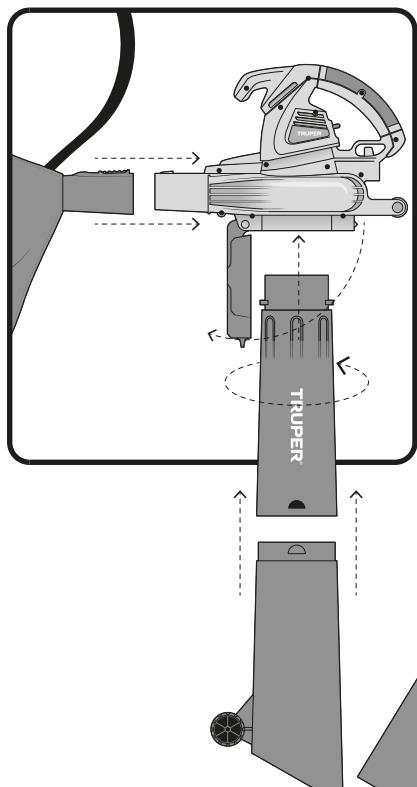


## How to blow

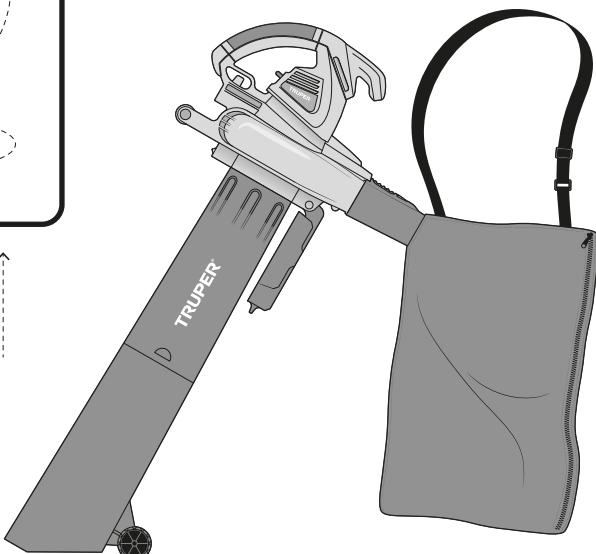


- Connect the blower nozzle into the blow tube, and this into the blower.

## How to vacuum / shred

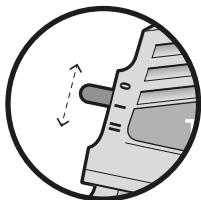
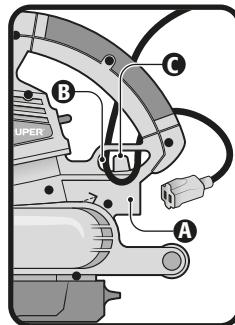


- Connect the back extension into the front extension.
- Open the bottom cover and insert the rear extension aligning the notches with the vacuum port. Rotate the extension 45° counterclockwise. Check that the wheels are pointing toward the air outlet of the blower.
- Connect the inlet of the collecting bag to the air outlet of the blower.



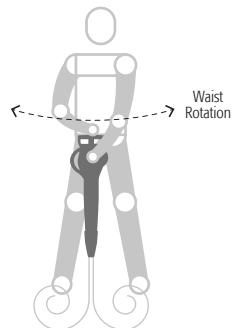
## Turning ON

- Connect one end of an extension cable (not included) into the blower socket (**A**). To hold the cord extension, fold it in "U" shape and insert it into slot (**B**). Fix the extension cord using hook (**C**). To secure assembly, pull the cord extension.
- Stretch perfectly the extension cable.
- Connect the extension cable to an outlet that has the specified voltage for the blower.
- To turn ON the blower and run low speed, set the switch in the (**I**) position.
- To work high speed set the switch in the (**II**) position.
- To turn OFF the blower set the switch in the (**0**) position.



## Operation (Blowing)

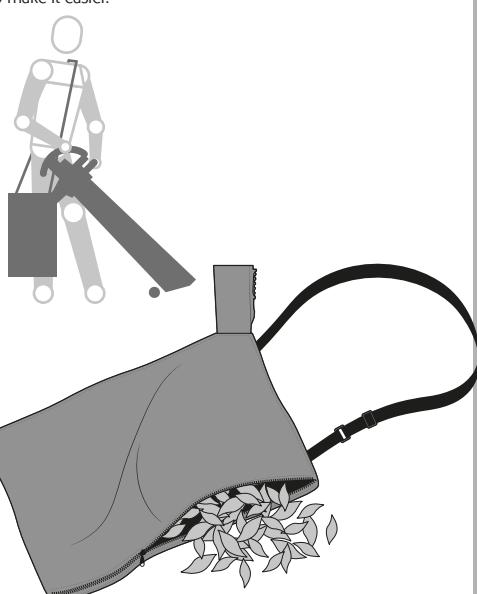
- Set both feet firmly on the ground and your body in good balance. Hold the blower with both hands, one on the handle and the other on the upper handle.
- Point the blower nozzle pointing down and away from your feet. Turn ON the blower.
- Move from one side to the other turning the waist so that the expelled air can push the residues to sweep.



## Operation (Vacuuming)

- Set both feet firmly on the ground and your body in good balance. Hold the blower with both hands, one on the handle and the other on the upper handle.
- Set the collecting pouch strap over the shoulder.
- For a better vacuuming performance, the vacuuming back extension shall point downwards with the wheels supported on the ground so that the opening is in a 2" to 5" distance from the ground.
- Push the back extension close to the residues. Use the wheels to make it easier.
- The blower is designed to vacuum and shred dry leaves. The efficiency of the shredding depends on the size of the leaves and the residual humidity. The drier the leaves are, the better the shredding.

**CAUTION** • Do not try to vacuum solid objects like stones, broken glass pieces of metal. Do not vacuum liquids. Do not try to vacuum large volumes of leaves in one pass to prevent the leaves from saturating and block the blower system. Do not try to vacuum hot ashes or embers, toxic materials, flammables or any other dangerous material.



## Emptying the collecting pouch

- Turn OFF the blower and disconnect the plug from the power supply.
- Wait until the ventilation impeller stops completely before removing the collecting bag.
- Open the zipper on the collecting pouch and empty it completely.
- Remember that compost material shall not be discarded with domestic waste.

## Cleaning

- Cleaning the blower after each use will keep it in the best of conditions and will make its useful life last longer.
- To clean, use a piece of cloth dampened with hot water and a soft brush.
- After each use, disassemble the blower pipe and remove all grass particles and dirt adhered. Pay special attention to the inner ventilation impeller.
- Clean perfectly the blower ventilation slots to free them of any grass or dirt obstruction.

## Carbon Brush Replacement

- Carbon brushes shall be checked periodically and when worn, always replaced in a TRUPER Authorized Service Center. After replacing ask the technician to inspect the new carbon brushes can freely move in the carbon housing and to start the machine 15 minutes to make the contact even between the carbons and the commutator.
- Use only original TRUPER spare carbon brushes specifically designed with hardness and resistance adequate for each type of motor. The motor is damaged when carbon brushes are not within specification.
- When replacing carbon brushes always replace both.

## Storage

- Clean the tool before storing to prevent mildew.
- Store the blower in a warm, dry place away from sun light (preferably in a dark place) and away from the reach of children.
- Avoid storing the blower inside plastic bags. Otherwise, humidity generated can damage it.
- Keep the tool away from corrosive agents like garden chemical substances and anti-freeze salts.

## Maintenance

- Any repairs or maintenance shall be carried out only in a TRUPER Authorized Service Center.
- It is recommended to take the equipment for maintenance once a year to inspect components such as carbons, bearings, etc.

## Environment Protection

- After completing the tool useful life, tool scraps like packaging, damaged parts or the complete tool shall not be handled as trash. Go to a recycling facility to follow all the environment standards.

# Troubleshooting

## Problem

The blower is not running.

## Cause

- No power supply.
- The plug is not connected.
- Damaged extension cable.
- The blowing tube / extension is not well assembled.
- Worn carbon brushes.
- Damaged power switch.
- Defective motor.

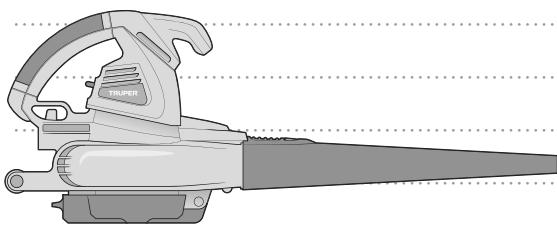
The blower runs intermittently.

Low blowing power.

Low vacuuming power.

## Solution

- Check your power supply.
- Connect the plug.
- Replace the extension cable.
- Mount accessories correctly.
- Go to a TRUPER Authorized Service Center.
- Go to a TRUPER Authorized Service Center.
- Turn OFF and disconnect the blower and remove the foreign matter.
- Clean the ventilation slots.
- Empty and clean the collecting pouch.
- Clean the ventilation slots.



## Authorized service centers

In the event of any problem contacting a TRUPER Authorized Service Center, please see our webpage [WWW.TRUPER.COM](http://WWW.TRUPER.COM) to get an updated list, or call our toll-free numbers **800 690-6990** or **800-018-7873** to get information about the nearest Service Center.

AGUASCALIENTES	<b>DE TODO PARA LA CONSTRUCCIÓN</b> GRAL. BARBAGÁN #1201, COL. GREMIAL, C.P. 20030, AGUASCALIENTES, AGS. TEL: 449 994 0557	MORELOS	<b>FIX FERRETERÍAS</b> CAPITÁN ANZURES #95, ESQ. JOSÉ PERDIZ, COL. TETLA, C.P. 62740, CUAUTLA, MOR. TEL: 735 352 8931
BAJA CALIFORNIA	<b>SUCRAL Tijuana</b> AV. LA ENCANTADA, LOTE #5, PARQUE INDUSTRIAL EL FLORIDO II, C.P. 22244, Tijuana, B.C. TEL: 664 969 5100	NAYARIT	<b>HERRAMIENTAS DE TEPIC</b> MAZATLÁN #117, COL. CENTRO, C.P. 63000, TEPIC, NAY. TEL: 311 258 0540
BAJA CALIFORNIA SUR	<b>FIX FERRETERÍAS</b> FELIPE ÁNGELES ESQ. RUIZ CORTÍNEZ S/N, COL. PUEBLO NUEVO, C.P. 23670, CD. CONSTITUCIÓN, B.C.S. TEL: 613 132 1115	NUEVO LEÓN	<b>SUCRAL MONTERREY</b> CARRETERA LAREDO #300, 1B MONTERREY PARKS, COLONIA PUERTA DE ANAHUAC, C.P. 66052, ESCOBEDO, NUEVO LEÓN, TEL: 81 8352 8791 / 81 8352 8790
CAMPECHE	<b>TORNILLERÍA Y FERRETERÍA AAA</b> AV. ÁLVARO OBREGÓN #324, COL. ESPERANZA C.P. 24080 CAMPECHE, CAMP. TEL: 981 815 2808	OAXACA	<b>FIX FERRETERÍAS</b> AV. 20 DE NOVIEMBRE #910, COL. CENTRO, C.P. 68300, TUXTEPEC, OAX. TEL: 287 106 3092
CHIAPAS	<b>FIX FERRETERÍAS</b> AV. CENTRAL SUR #27, COL. CENTRO, C.P. 30700, TAPACHULA, CHIS. TEL: 962 118 4083	PUEBLA	<b>SUCRAL PUEBLA</b> AV. PERIFÉRICO #2-A SAN LORENZO ALMECATLA, C.P. 72710, CUAUTLACINGO, PUE. TEL: 222 282 8282 / 84 / 85 / 86
CHIHUAHUA	<b>SUCRAL CHIHUAHUA</b> AV. SILVESTRE TERRAZAS #128-11, PARQUE INDUSTRIAL BAFAR, CARRETERA MEXICO CUAUHTÉMOC, C.P. 31415, CHIHUAHUA, CHIH. TEL: 614 434 0052	QUERÉTARO	<b>ARU HERRAMIENTAS S.A. DE C.V.</b> AV. PUERTO DE VERACRUZ #110, COL. RANCHO DE ENMEDIO, C.P. 76842, SAN JUAN DEL RÍO, QRO. TEL: 427 268 4544
MEXICO CITY	<b>FIX FERRETERÍAS</b> EL MONSTRUO DE CORREGIDORA, CORREGIDORA # 35, COL. CENTRO, C.P. 06060, CUAUHTÉMOC, CDMX. TEL: 55 5522 5031 / 5522 4861	QUINTANA ROO	<b>FIX FERRETERÍAS</b> CARRETERA FEDERAL MZ. 46 LT. 3 LOCAL 2, COL. EJIDAL, C.P. 77100 PLATA DEL CARMEN, Q.R. TEL: 984 267 3140
COAHUILA	<b>SUCRAL TORREÓN</b> CALLE METAL MECÁNICA #280, PARQUE INDUSTRIAL ORIENTE, C.P. 27278, TORREÓN, COAH. TEL: 871 209 68 23	SAN LUIS POTOSÍ	<b>FIX FERRETERÍAS</b> AV. UNIVERSIDAD #1850, COL. EL PASEO, C.P. 78320, SAN LUIS POTOSÍ, S.L.P. TEL: 444 822 4341
COLIMA	<b>BOMBAS Y MOTORES BYMTESA DE MANZANILLO</b> BLVD. MIGUEL DE LA MADRID #190, COL. 16 DE SEPTIEMBRE, C.P. 28239, MANZANILLO, COL. TEL: 314 332 1986 / 332 2013	SINALOA	<b>SUCRAL CULIACÁN</b> AV. JESÚS KUMATE #4301, COL. HACIENDA DE LA MORA, C.P. 80143, CULIACÁN, SIN. TEL: 667 173 9139 / 713 8400
DURANGO	<b>TORNILLOS ÁGUILA, S.A. DE C.V.</b> MAZURIÓ #200, COL. LUIS ECHEVERRÍA, DURANGO, DGO. TEL: 618 817 1946 / 618 818 2844	SONORA	<b>FIX FERRETERÍAS</b> CALLE 5 DE FEBRERO #517, SUR LT. 25 MZ. 10, COL. CENTRO, C.P. 85000, CD. OBREGÓN, SON. TEL: 644 413 2392
ESTADO DE MÉXICO	<b>SUCRAL CENTRO JILOTEPEC</b> PARQUE INDUSTRIAL # 1, COL. PARQUE INDUSTRIAL JILOTEPEC, JILOTEPEC, EDO. DE MÉX. C.P. 54257 TEL: 761 782 9101 EXT. 5728 Y 5102	TABASCO	<b>SUCRAL VILLAHERMOSA</b> CALLE HELIO LOTES 1, 2 Y 3 MZ. #1, COL. INDUSTRIAL, 2A ETAPA, C.P. 86010, VILLAHERMOSA, TAB. TEL: 993 353 7244
GUANAJUATO	<b>CÍA. FERRETERA NUEVO MUNDO S.A. DE C.V.</b> AV. MÉXICO - JAPÓN #225, CD. INDUSTRIAL, C.P. 38010, CELAYA, GTO. TEL: 461 617 7578 / 79 / 80 / 88	TAMAULIPAS	<b>VM ORINGS Y REFACCIONES</b> CALLE ROSITA #527 ENTRE 20 DE NOVIEMBRE Y GRAL. RODRÍGUEZ, FRACC. REYNOSA, C.P. 88780, REYNOSA, TAMS. TEL: 899 926 7552
GUERRERO	<b>CENTRO DE SERVICIO ECLIPSE</b> CALLE PRINCIPAL MZ. 1 LT. 1, COL. SANTA FE, C.P. 39010, CHILPANCINGO, GRO. TEL: 747 478 5793	TLAXCALA	<b>SERVICIOS Y HERRAMIENTAS INDUSTRIALES</b> PABLO SIDAR #132, COL. BARRIO DE SAN BARTOLOMÉ, C.P. 90970, SAN PABLO DEL MONTE, TLAX. TEL: 222 271 7502
HIDALGO	<b>FERREPRECIOS S.A. DE C.V.</b> LIBERTAD ORIENTE #304 LOCAL 30, INTERIOR DE PASAJE ROBLEDO, COL. CENTRO, C.P. 43600, TULANCINGO, HGO. TEL: 775 753 6615 / 775 753 6616	VERACRUZ	<b>LA CASA DISTRIBUIDORA TRUPER</b> BLVD. PRIMAVERA ESQ. HORTENSIA S/N, COL. PRIMAVERA C.P. 93308, POZA RICA, VER. TEL: 782 823 8100 / 826 8484
JALISCO	<b>SUCRAL GUADALAJARA</b> AV. ADOLFO B. HORN # 6800, COL. SANTA CRUZ DEL VALLE, C.P.: 45655, TLAJOMULCO DE ZÚÑIGA, JAL. TEL: 33 3606 5285 AL 90	YUCATÁN	<b>SUCRAL MÉRIDA</b> CALLE 33 #600 Y 602, LOCALIDAD ITZINCAB Y MULSAY, MPIO. UMAN, C.P. 97390, MÉRIDA, YUC. TEL: 999 912 2451
MICHOACÁN	<b>FIX FERRETERÍAS</b> AV. PASEO DE LA REPÚBLICA #3140-A, COL. EX-HACIENDA DE LA HUERTA, C.P. 58050, MORELIA, MICH. TEL: 443 334 6858		

Code	Model	Brand
18146	SOPLA-1440	<b>TRUPER</b>

Warranty. Duration: 1 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.



Stamp of the business. Delivery date: