

Owner's Manual



1-1/2 HP Dust Collector
Model 821200



SuperMax
Tools

Operating Your 1-1/2 HP Dust Collector

To the new SuperMax owner:

SuperMax takes pride in our products and stands behind them with continuing service and support for our customers. Your SuperMax Dust Collector was designed to bring a new dimension of productivity to your shop with air filtration.

This dust collector is covered with a warranty and your dealer can answer any questions you may have. Additionally, we will always be here to offer support, service information, and product supplies and services.

Before using your dust collector for the first time, learn how to use it. This manual covers a step-by-step process of assembly and machine operation. If you have any questions, this manual will provide answers and you can also refer to our website or customer service for any updates or further details.

SuperMax Team

Write your model and machine number in this manual for any questions or ordering information:

CONTACT INFORMATION FOR SUPERMAX

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IDENTIFICATION INFORMATION

Model # 821200

Serial # _____

Purchase Date _____

Dealer Info _____

WARRANTY

The SuperMax 1-1/2 HP Dust Collector comes with a three-year limited warranty. We will provide replacement parts if found to be defective materially or in workmanship. Full warranty on page 19.

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IMPORTANT SAFETY INSTRUCTIONS

⚠ WARNING: Read and understand all warnings and operation instructions before using any tool or equipment. Always follow basic safety precautions to reduce the risk of personal injury. Improper operation, maintenance or modification of tools or equipment could result in serious injury and property damage. There are certain applications for which tools and equipment are designed. This product should NOT be modified and/or used for any application other than for which it was designed.

If you have any questions relative to its application DO NOT use the product until you have written to us and we have advised you. Contact us online at www.supermaxtools.com or by mail at 1275 Corporate Center Drive, St. Paul, MN 55121. Information regarding the safe and proper operation of this tool is available from the following sources:

- Power Tool Institute, 1300 Sumner Ave, Cleveland, OH 44115-2851 or online at www.powertoolinstitute.com
- National Safety Council, 1121 Spring Lake Drive, Itasca, IL 60143-3201
- American National Standards Institute, 25 West 43rd St, 4 floor, New York, NY 10036
www.ansi.org - ANSI O1.1

Safety Requirements for Woodworking Machines

- U.S. Department of Labor regulations www.osha.gov

SAFETY GUIDELINES-DEFINITIONS

It is important for you to read and understand this manual. The information it contains relates to protecting YOUR SAFETY and PREVENTING PROBLEMS. The symbols below are used to help you recognize this information.

⚠ DANGER: Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING: Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION: Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

⚠ CAUTION: Used without the safety alert symbol indicates potentially hazardous situation which, if not avoided, may result in property damage.

CALIFORNIA PROPOSITION 65

⚠ WARNING: Some dust created by power sanding, sawing, and grinding, drilling, and other construction activities contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints,
- Crystalline silica from bricks and cement and other masonry products, and
- Arsenic and chromium from chemically-treated lumber (CCA).

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well-ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.

GENERAL SAFETY RULES

⚠ WARNING: Failure to follow these rules may result in serious personal injury.

1. **FOR YOUR OWN SAFETY, READ THE INSTRUCTION MANUAL BEFORE OPERATING THE MACHINE.** Learning the machine's application, limitations, and specific hazards will greatly minimize the possibility of accidents and injury.

2. **WEAR EYE AND HEARING PROTECTION. ALWAYS USE SAFETY GLASSES.** Everyday eyeglasses are NOT safety glasses. USE CERTIFIED SAFETY EQUIPMENT. Eye protection equipment should comply with ANSI Z87.1 standards. Hearing equipment should comply with ANSI S3.19 standards.

3. **WEAR PROPER APPAREL.** Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry which may get caught in moving parts. Nonslip protective footwear is recommended. Wear protective hair covering to contain long hair.

4. **DO NOT USE THE MACHINE IN A DANGEROUS ENVIRONMENT.** The use of power tools in damp or wet locations or in rain can cause shock or electrocution. Keep your work area well-lit to prevent tripping or placing arms, hands, and fingers in danger.

5. **MAINTAIN ALL TOOLS AND MACHINES IN PEAK CONDITION.** Keep tools clean for best and safest performance. Follow instructions for changing accessories. Poorly maintained tools and machines can further damage the tool or machine and/or cause injury.

6. **CHECK FOR DAMAGED PARTS.** Before using the machine, check for any damaged parts. Check for alignment of moving parts, binding of moving parts, breakage of parts, and any other conditions that may affect its operation.

A guard or any other part that is damaged should be properly repaired or replaced with SuperMax Tools or factory authorized replacement parts. Damaged parts can cause further damage to the machine and/or injury.

7. **KEEP THE WORK AREA CLEAN.** Cluttered areas and benches invite accidents.

8. **KEEP CHILDREN AND VISITORS AWAY.** Your shop is a potentially dangerous environment. Children and visitors can be injured.

9. **REDUCE THE RISK OF UNINTENTIONAL STARTING.**

Make sure that the switch is in the "OFF" position before plugging in the power cord. In the event of a power failure, move the switch to the "OFF" position. An accidental start-up can cause injury. Do not touch the plug's metal prongs when unplugging or plugging in the cord.

10. **USE THE GUARDS.** Check to see that all guards are in place, secured, and working correctly to prevent injury.

11. **USE THE RIGHT MACHINE.** Don't force a machine or an attachment to do a job for which it was not designed. Damage to the machine and/or injury may result.

12. **USE RECOMMENDED ACCESSORIES.** The use of accessories and attachments not recommended by us may cause damage to the machine or injury to the user.

13. **USE THE PROPER EXTENSION CORD.** Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage, resulting in loss of

power and overheating. See the Extension Cord Chart for the correct size depending on the cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

14. **DON'T OVERREACH.** Loss of balance can make you fall into a working machine, causing injury.

15. **NEVER STAND ON THE MACHINE.** Injury could occur if the tool tips.

16. **NEVER LEAVE THE MACHINE RUNNING UNATTENDED.**

TURN THE POWER OFF. Don't leave the machine until it comes to a complete stop. A child or visitor could be injured.

17. **TURN THE MACHINE "OFF", AND DISCONNECT THE MACHINE FROM THE POWER SOURCE** before installing or removing accessories, changing cutters, adjusting or changing set-ups. When making repairs, be sure to lock the start switch in the "OFF" position. An accidental start-up can cause injury.

18. **MAKE YOUR WORKSHOP CHILDPROOF WITH PADLOCKS, MASTER SWITCHES, OR BY REMOVING STARTER KEYS.** The accidental start-up of a machine by a child or visitor could cause injury.

19. **STAY ALERT, WATCH WHAT YOU ARE DOING, AND USE COMMON SENSE. DO NOT USE THE MACHINE WHEN YOU ARE TIRED OR UNDER THE INFLUENCE OF DRUGS, ALCOHOL, OR MEDICATION.** A moment of inattention while operating power tools may result in injury.

20. **⚠️WARNING** USE OF THIS TOOL CAN GENERATE AND DISBURSE DUST OR OTHER

AIRBORNE PARTICLES, INCLUDING WOOD DUST, CRYSTALLINE SILICA DUST AND ASBESTOS DUST. Direct particles away from face and body. Always operate tool in well ventilated area and provide for proper dust removal. Exposure to the dust may cause serious and permanent respiratory or other injury, including silicosis (a serious lung disease), cancer, and death. Avoid breathing the dust, and avoid prolonged contact with dust. Allowing dust to get into your mouth or eyes, or lay on your skin may promote absorption of harmful material. Always use properly fitting NIOSH/OSHA approved respiratory protection appropriate for the dust exposure, and wash exposed areas with soap and water.

ADDITIONAL SPECIFIC SAFETY RULES

▲ WARNING: Failure to follow these rules may result in serious personal injury.

▲ WARNING: DO NOT USE THIS UNIT TO FILTER METAL DUST. Combining wood and metal dust can create an explosion or fire hazard.

▲ WARNING: This unit is intended to filter non explosive atmospheres only.

DO NOT USE THIS UNIT TO DISSIPATE FUMES OR SMOKE. Explosions or fire can result. This dust collector is intended for use where only dry airborne dust is present. Its use should be limited to non-explosive, non-metallic atmospheres.

1. DO NOT OPERATE THIS UNIT UNTIL IT IS COMPLETELY ASSEMBLED AND INSTALLED ACCORDING TO THE INSTRUCTIONS. A unit incorrectly assembled can cause injury.
2. OBTAIN ADVICE FROM YOUR SUPERVISOR, INSTRUCTOR, OR ANOTHER QUALIFIED PERSON if you are not thoroughly familiar with the operation of this unit. Knowledge is safety.
3. FOLLOW ALL WIRING CODES and recommended electrical connections to prevent electrical shock or electrocution.
4. DO NOT PULL THIS UNIT BY THE POWER CORD.
Do not allow the power cord to come in contact with sharp instruments or edges, hot surfaces, or oil or grease. Do not place any weight on top of the power cord. A damaged power cord can cause electrical shock or electrocution.
5. SUPPORT THIS UNIT OR SECURELY CLAMP IT TO THE WORK SURFACE WHEN IT IS USED

IN A PORTABLE APPLICATION to eliminate potential injury and/or damage from falling.

6. ENSURE THAT THE INTAKE AND EXHAUST AREAS ARE CLEAR PRIOR TO STARTING THE UNIT. Clogged intakes or exhausts can cause an explosion and/or fire.

7. DO NOT USE THE DUST COLLECTOR to pick up flammable liquids such as gasoline. Do not use the dust collector near flammable or combustible liquids. Explosion and/or fire can occur.

8. KEEP ARMS, HANDS, AND FINGERS AWAY FROM THE FAN. Avoid all exposure to rotating parts to prevent injury.

9. DO NOT OPERATE THIS UNIT WITHOUT THE DUST COLLECTION BAG IN PLACE AND PROPERLY SECURED. Sawdust and other debris can provide the potential for fire and/or explosion and can also cause inhalation problems.

10. INSPECT THE DUST BAG FOR CUTS, RIPS, OR TEARS. Replace damaged bags or vacuum hoses. Sawdust and other debris can provide the potential for fire and/or explosion and can also cause inhalation problems.

11. ALWAYS USE THE INTAKE CAPS TO COVER UNUSED DUST PORTS. Debris can cause damage to the unit and injury.

12. DO NOT ATTEMPT TO REMOVE OR REPLACE the dust collection bag(s) while the unit is connected to the power source.

Exposed fan blades can cause severe injuries.

13. MAINTAIN THE UNIT IN TOP CONDITION. Clogged filters can increase the potential for fire or explosion. Follow all instructions for changing and cleaning filters.

14. STORE THIS UNIT IN A LOCATION that eliminates the potential for damage to the power cord. A damaged power cord can cause shock or electrocution. Safely store power cord on the unit to eliminate tripping hazards.

15. TURN THE UNIT "OFF" AND DISCONNECT THE UNIT from the power source before

installing or removing accessories, before adjusting or changing set-ups, or when making repairs. An accidental start- up can cause serious injury.

16. TURN THE UNIT "OFF", disconnect the unit from the power source, and clean the table/work area before leaving the area.

SAVE THESE INSTRUCTIONS.

Refer to them often and use them to instruct others.

POWER CONNECTIONS

A separate electrical circuit should be used for your machines. This circuit should not be less than #12 wire and should be protected with a 20 Amp time lag fuse. If an extension cord is used, use only 3-wire extension cords which have 3-prong grounding type plugs and matching receptacle which will accept the machine's plug. Before connecting the machine to the power line, make sure the switch (s) is in the "OFF" position and be sure that the electric current is of the same characteristics as indicated on the machine. All line connections should make good contact. Running on low voltage will damage the machine.

Do not expose the machine to rain or operate the machine in damp locations.

MOTOR SPECIFICATIONS

⚠ DANGER Your machine is wired for 120V, 60 HZ alternating current. Before connecting the machine to the power source, make sure the switch is in the "OFF" position.

GROUNDING INSTRUCTIONS

⚠ DANGER This machine must be grounded while in use to protect the operator from electric shock.

1. All grounded, cord-connected machines:

In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This machine is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Do not modify the plug provided - if it will not fit the outlet, have the proper outlet installed by a qualified electrician. Improper connection of the equipment-grounding conductor can result in risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal.

Check with a qualified electrician or service personnel if the grounding instructions are not completely understood, or if in doubt as to whether the machine is properly grounded.

Use only 3-wire extension cords that have 3-prong grounding type plugs and matching 3-conductor receptacles that accept the machine's plug, as shown in Fig. A. Repair or replace damaged or worn cord immediately.

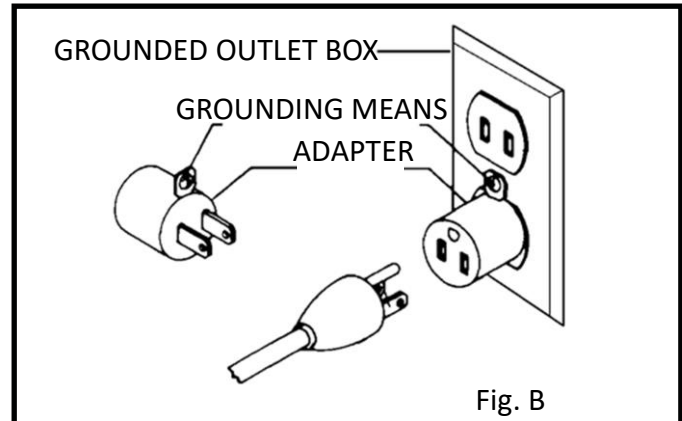
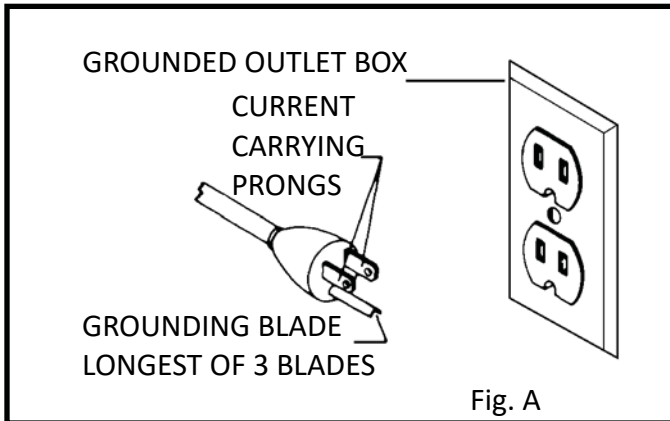
2. Grounded, cord-connected machines intended for use on a supply circuit having a nominal rating less than 150 volts:

If the machine is intended for use on a circuit that has an outlet that looks like the one illustrated in Fig. A, the machine will have a grounding plug that looks like the plug illustrated in Fig. A. A temporary adapter, which looks like the adapter illustrated in Fig. B, may be used to

connect this plug to a matching 2-conductor receptacle as shown in Fig. B if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet can be installed by a qualified electrician. The green-colored rigid ear, lug, and the like, extending from the adapter is used, it must be held in a place with a metal screw.

NOTE: In Canada, the use of a temporary adapter is not permitted by the Canadian Electric Code.

⚠ DANGER In all cases, make certain that the receptacle in question is properly grounded. If you are not sure, have a qualified electrician check the receptacle.



3. 240 VOLT SINGLE PHASE OPERATION

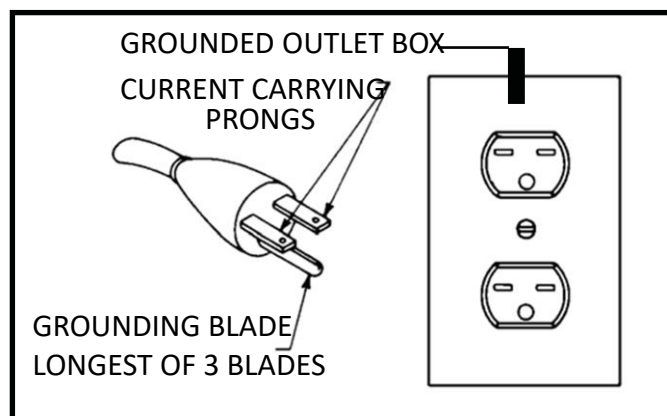
The motor supplied with your machine is a dual voltage, 120/240 volt motor. It is shipped ready-to-run for 120 volt operation. However, it can be converted for 240 volt operation.

A qualified electrician should do the conversion, or the machine can be taken to an Authorized Service Center. When completed, the machine must conform to the National Electric Code and all local codes and ordinances.

The machine is converted by re-wiring the motor for 240 volts, installing a 240 volt plug on the power supply cord and replacing the switch with one that is rated for 240 volt operation.

Be sure the 240 volt plug is only used in an outlet having the same configuration as the plug illustrated in Fig. C. No adapter should be used with the 240 volt plug.

⚠ WARNING: In all cases, make certain that the receptacle in question is properly grounded. If you are not sure, have a qualified electrician check the receptacle.



EXTENSION CORDS

⚠ WARNING Use proper extension cords. Make sure your extension cord is in good condition and is a 3-wire extension cord which has a 3-prong grounding type plug and matching receptacle which will accept the machine's plug. When using an extension cord, be sure to use one heavy enough to carry the current of the machine. An undersized cord will cause a drop in line voltage, resulting in loss of power and overheating. Fig. D-1 or D-2, shows the correct gauge to use depending on the cord length. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

MINIMUM GAUGE EXTENSION CORD			
RECOMMENDED SIZES FOR USE WITH STATIONARY ELECTRIC MACHINES			
Ampere Rating	Volts	Total Length of Cord in Feet	Gauge of Extension Cord
0-6	120	up to 25	18 AWG
0-6	120	25-50	16 AWG
0-6	120	50-100	16 AWG
0-6	120	100-150	14 AWG
6-10	120	up to 25	18 AWG
6-10	120	25-50	16 AWG
6-10	120	50-100	14 AWG
6-10	120	100-150	12 AWG
10-12	120	up to 25	16 AWG
10-12	120	25-50	16 AWG
10-12	120	50-100	14 AWG
10-12	120	100-150	12 AWG
12-16	120	up to 25	14 AWG
12-16	120	25-50	12 AWG
12-16	120	GREATER THAN 50 FEET NOT RECOMMENDED	

Fig. D-1

MINIMUM GAUGE EXTENSION CORD			
RECOMMENDED SIZES FOR USE WITH STATIONARY ELECTRIC MACHINES			
Ampere Rating	Volts	Total Length of Cord in Feet	Gauge of Extension Cord
0-6	240	up to 50	18 AWG
0-6	240	50-100	16 AWG
0-6	240	100-200	16 AWG
0-6	240	200-300	14 AWG
6-10	240	up to 50	18 AWG
6-10	240	50-100	16 AWG
6-10	240	100-200	14 AWG
6-10	240	200-300	12 AWG
10-12	240	up to 50	16 AWG
10-12	240	50-100	16 AWG
10-12	240	100-200	14 AWG
10-12	240	200-300	12 AWG
12-16	240	up to 50	14 AWG
12-16	240	50-100	12 AWG
12-16	240	GREATER THAN 100 FEET NOT RECOMMENDED	

Fig. D-2

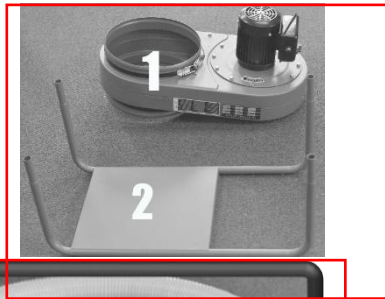
FUNCTIONAL DESCRIPTION

FOREWORD

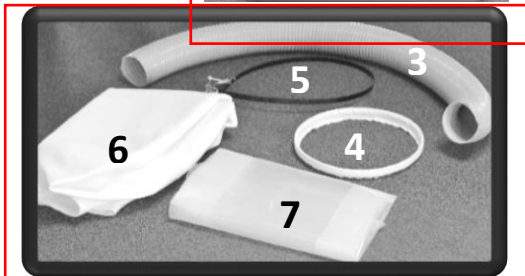
The Dust Collector will connect to woodworking machines that accept a 4" diameter hose. The model comes with one 1 micron filter bag and three (3) 6 mil plastic collection bag, and a 4" x 6' collection hose.

NOTICE: The photo on the manual cover illustrates the current production model. All other illustrations contained in the manual are representative only and may not depict the actual labeling or accessories included. These are intended to illustrate technique only.

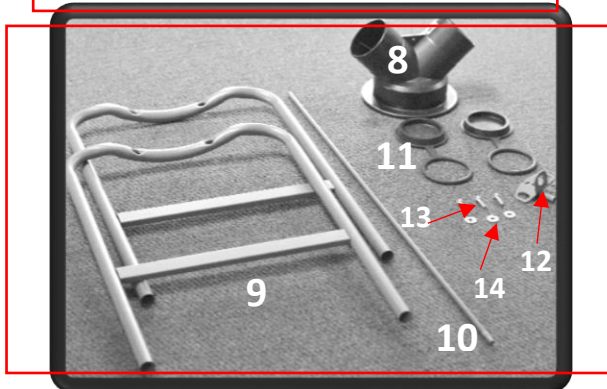
CARTON CONTENTS



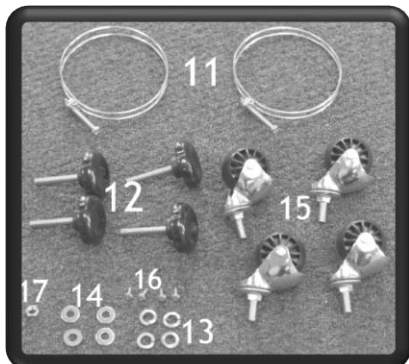
- 1) Motor and blower assembly
- 2) The stand



- 3) 4" x 6 hose
- 4) Bag retainer snap ring
- 5) Bag retainer clamp
- 6) 1 micron upper filter bag (w/ built in snap ring)
- 7) 6mL plastic lower bag (3)



- 8) Dust intake port (double port)
- 9) Legs (2)
- 10) Bag hanging rod
- 11) Dust port covers (2)
- 12) Bracket bag hanging rod
- 13) 5/16" (8mm) Hex head screw
- 14) 5/16" Small flat washers (3)



- 11) Hose clamp (2)
- 12) Knob (4)
- 13) Lock Washer (4)
- 14) Small flat washers (4)
- 15) Casters (4)
- 16) Small screws (4)
- 17) Hex fastening nut (1)

UNPACKING AND CLEANING

Carefully unpack the machine and all loose items from the shipping container(s). Remove the rust-preventative oil from unpainted surfaces using a soft cloth moistened with mineral spirits, paint thinner or denatured alcohol. Do not use highly volatile solvents such as gasoline, naphtha, acetone or lacquer thinner for cleaning your machine. After cleaning, cover the unpainted surfaces with a good quality household floor paste wax.

ASSEMBLY

⚠ WARNING For your own safety, do not connect the machine to the power source until the machine is completely assembled and you read and understand the entire instruction manual.

ASSEMBLY TOOLS REQUIRED

Phillips head screwdriver 12 mm and 14 mm wrench

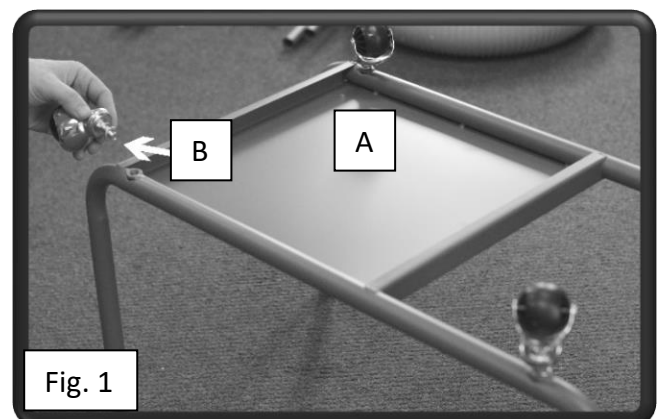
ASSEMBLY TIME ESTIMATE

30 minutes to 1 hour

⚠ CAUTION This machine is heavy. Use two or more people when lifting.

ATTACHING THE CASTERS

- 1) Turn the stand (A) upside down (Fig. 1).
- 2) Place a 3/8" lock washer on the caster stud (B). Screw the caster into the threaded hole on the bottom of the stand. Repeat for the other three casters.
- 3) Tighten the caster by hand, then secure it with a thin 14mm wrench.



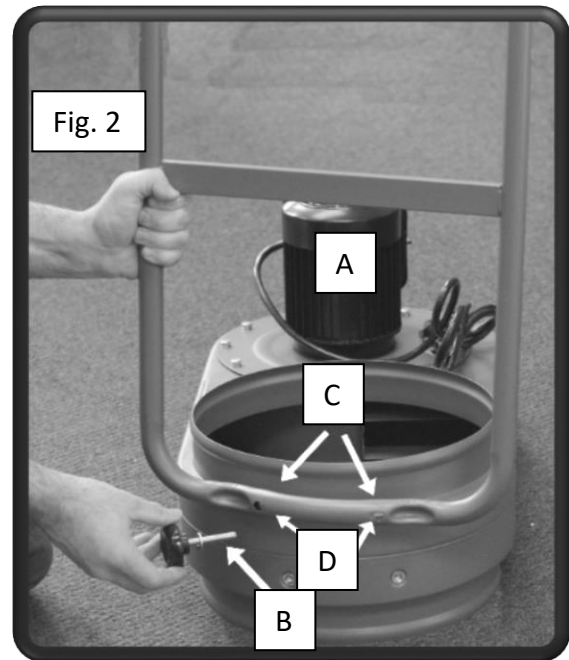
NOTE: Give thought to where your dust ports on your machines are located. High machine ports should follow the steps accordingly. Low machine ports should follow the alternate setup of motor/blower assembly.

ATTACHING THE LEGS TO MOTOR/BLOWER ASSEMBLY

[High Machine Ports – ex. sanders]

- 1) Place the motor/blower assembly with the motor (A) up (Fig. 2).
- 2) Place a 5/16" flat washer on the knob (B).
- 3) Align the holes in the legs (D) with the holes (C) in the motor/blower assembly. The legs should extend up. Insert the knob through hole in the legs (D) and into threaded hole in the motor/blower assembly (C). Tighten knob securely.
- 4) Repeat these steps for all knobs on both legs.

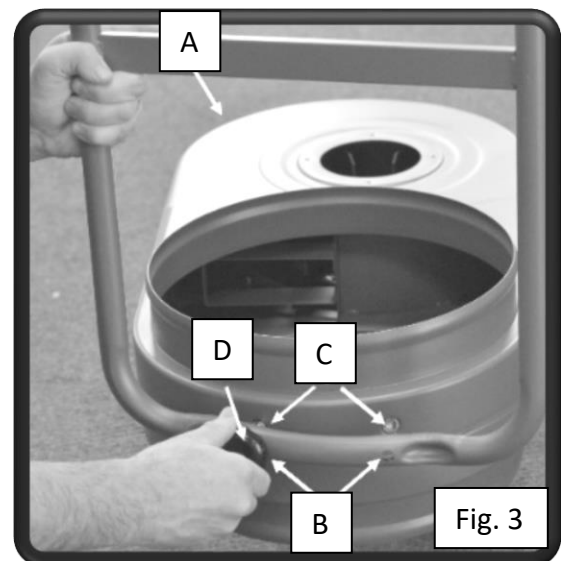
NOTE: ALTERNATE SETUP NEXT STEP (FIG. 5)



ALTERNATE SETUP

[Low Machine Ports – ex. table saws]

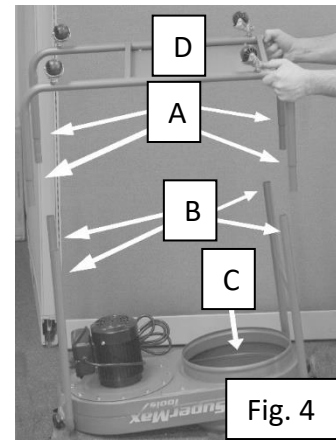
You can assemble this unit with the motor (A), Fig. 3 facing downward by following the steps in "ATTACHING LEGS TO MOTOR/BLOWER ASSEMBLY." The difference in constructing the unit is to place the motor/blower assembly on a flat surface, stabilizing and balancing it with the motor (A) facing down before attaching the legs.



ATTACHING THE STAND TO THE MOTOR/BLOWER ASSEMBLY

NOTE: Two (2) people may be needed for this step.

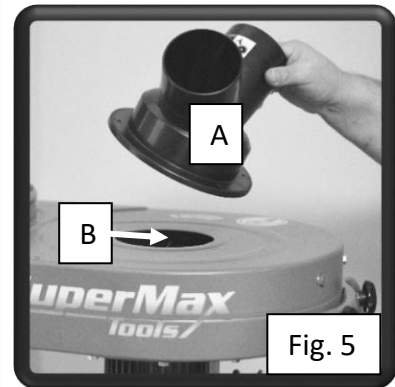
Place all four stand posts (A) Fig. 4 into the four legs (B) on the motor/blower assembly. Make sure that the metal base plate (D) is over the large dust collection hole (C).



ATTACHING THE DUST INTAKE PORTS

⚠ WARNING Disconnect the machine from the power source! Place the dust intake port (A) Fig. 5 on the intake flange (B) opposite the motor. Make sure that the screw holes match up with the screw holes on the intake flange Fig. 6. Take a Philips screwdriver (A) and take the small screws (B) and fasten them into the intake flange holes (C). Repeat for all 4 holes. Turn the unit over so that the casters are on the ground.

⚠ CAUTION Because of the weight of the unit, use more than one person to lift the motor/blower assembly into the upright position.



ATTACHING THE DUST COLLECTION BAG

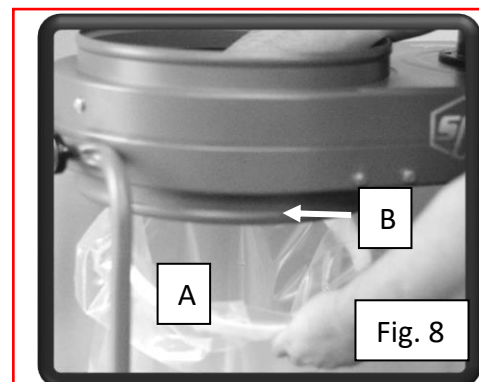
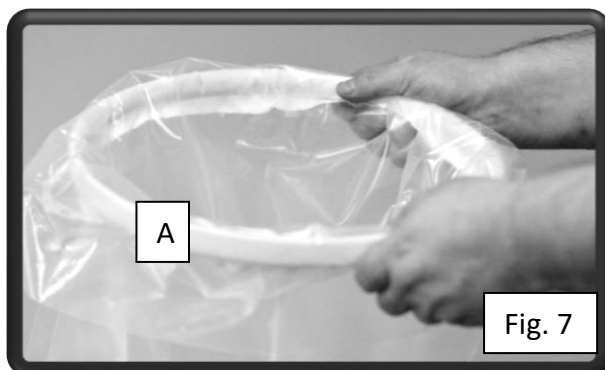
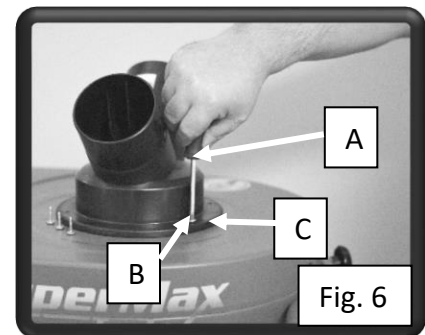
⚠ WARNING Disconnect the machine from the power source!

USING THE METAL SNAP RING

Attach the plastic bag to the inside of the dust collector using the included snap ring (A) Fig. 7.

1. Place the snap ring (A) around the top of the plastic bag. Fold about 4 to 6 inches of plastic bag over the snap ring (Fig. 7).
2. Place the snap ring and plastic bag (Fig. 8) on the blower assembly inner mounting groove. (B).

NOTE: The metal clamp ring included can also be used if you prefer. This would be installed on the outside of the metal lip instead of the inside like the snap ring. (This is an extra part in the box).



ATTACHING THE TOP FILTER BAG

⚠ WARNING Disconnect the machine from the power source!

- 1) Place a large 5/16" flat washer on a 5/16" hex head screw
- 2) Position the bracket (A) on the dust collector (fig. 9).
- 3) Insert 5/16" hex head screw through the hold in the bracket, then thread it into the hole in the dust collector. Tighten securely with a 12mm wrench.
- 4) Thread the other two screws into the appropriate holes and tighten securely.
- 5) Insert the rod into the pocket on the filter bag (A) (Fig. 10).
- 6) Insert the rod into the hole in the bracket (B) (Fig. 10).
- 7) Compress snap ring of the bottom of the filter bag and fit inside the lip (A), snug, as shown in fig. 11

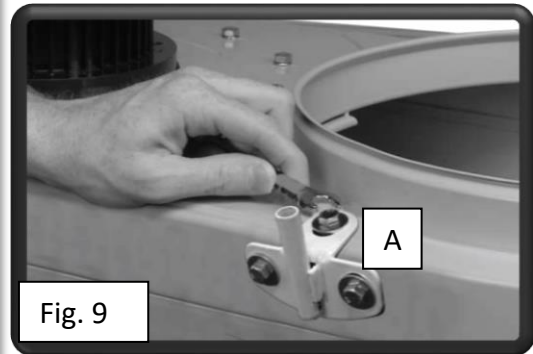


Fig. 9

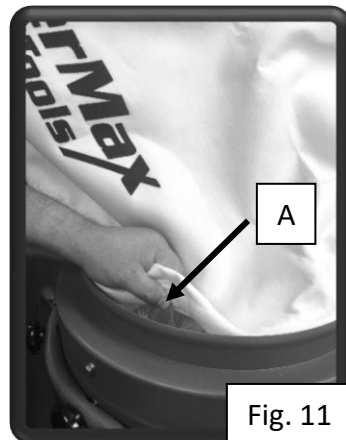


Fig. 11

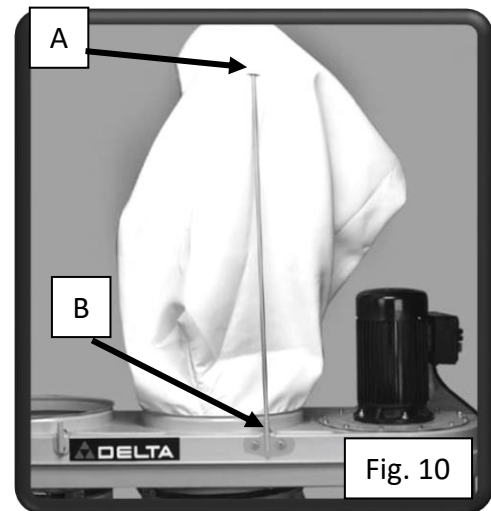


Fig. 10

ATTACHING THE HOSE TO THE INTAKE PORT

⚠ WARNING Disconnect the machine from the power source!

- 1) Place the open end (A) of the intake cap rings on the ends of each dust intake port before attaching the hose.
- 2) Loosely attach the hose clamp (B) Fig. 12 around one end of the flexible hose. Attach the hose to the dust intake port with a Philips screwdriver (C). Attach the remaining clamp to the other end of the flexible hose and to the woodworking machine.

NOTE: Do not operate the dust collector with any dust intake port uncovered. Place the flat intake cap on the dust intake port that is open.

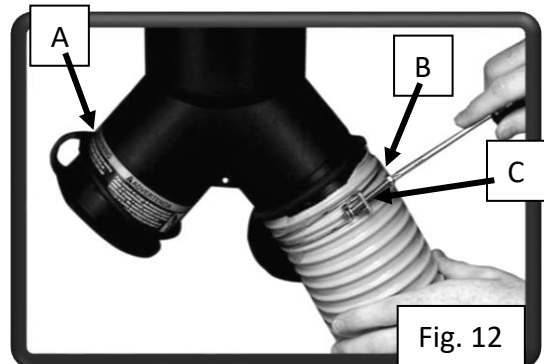


Fig. 12

OPERATION

OPERATIONAL CONTROLS AND ADJUSTMENTS

▲WARNING For operator safety, do not operate the machine with any dust intake holes uncovered. The rotating fan, located inside the blower housing, is accessible through the dust intake port and can be hazardous. Always wear proper apparel. Do not wear jewelry. Keep your fingers and all foreign objects out of the dust intake port. Follow the safety rules in this manual.

STARTING AND STOPPING THE DUST COLLECTOR

1. The on/off switch (A) Fig. 13 is located on the motor housing. To turn the machine “ON”, move the switch up to the “ON” position.
2. To turn the machine “OFF”, move the switch (A) down to the “OFF” position.

▲WARNING Make sure that the switch is in the “OFF” position before plugging in the power cord. In the event of a power failure, move the switch to the “OFF” position. An accidental start-up can cause injury.

LOCKING THE SWITCH IN THE “OFF” POSITION

IMPORTANT: When the tool is not in use, the switch should be locked in the “OFF” position to prevent unauthorized use. To lock the machine, grasp the switch toggle (A) Fig. 14 and pull it out of the switch (B). With the switch toggle (A) removed, the switch will not operate. However, should the switch toggle be removed while the saw is running, the machine can be turned “OFF,” but cannot be restarted without re-inserting the switch toggle (A).



▲WARNING When using this dust collector, do not pick up anything that is burning, smoldering, or smoking (matches, cigarettes, or hot ashes).

⚠ WARNING Do not use this unit to vacuum combustible explosive materials (coal, grain, or other finely-divided combustible material).

⚠ WARNING Do not use this unit to vacuum hazardous, toxic, or carcinogenic materials (asbestos, pesticide, or lead-based paint debris).

TROUBLESHOOTING

For assistance with your machine, call us at (888) 454-3401.

MAINTENANCE

⚠ WARNING: To reduce the risk of injury, turn unit off and disconnect it from power source before installing and removing accessories, before adjusting or when making repairs. An accidental start-up can cause injury.

KEEP MACHINE CLEAN

Periodically blow out all air passages with dry compressed air. All plastic parts should be cleaned with a soft damp cloth.

⚠ WARNING: NEVER use solvents to clean plastic parts. They could possibly dissolve or otherwise damage the material.

Wear certified safety equipment for eye, hearing and respiratory protection while using compressed air

FAILURE TO START

Should your machine fail to start, check to make sure the prongs on the cord plug are making good contact in the outlet. Also, check for blown fuses or open circuit breakers in the line.

SERVICE

REPLACEMENT PARTS: Use only identical replacement parts.

To order parts, call your retailer's office or call ours at (888) 454-3401.

Replacement Parts List

P-200510230100001	1 MICRON TOP FILTER BAG
P-61804	PLASTIC COLLECTION BAG
P-60401040000660	4" FLEXIBLE HOSE 2M (L)
P-605210420	BAG CLAMP Ø420MM
P-20011110108001336123	MOTOR
CF-410-H	CASINTER FILTER Ø410MM
P-2SF-F-CCB	11.5" IMPELLER
P-6070220302	3" CASTER
P-2010010354	BAG HANGER
P-2005209320100002	QUICK SNAP
P-6153002110514	PLASTIC KNOB, PART #22
P-6020301102	SWITCH
P-6020602107	OVERLOAD BRAK 25AP

WARRANTY

Keep your receipt of purchase to verify the warranty.

Three Year Limited New Product Warranty

We will repair or replace, at its expense and at its option, any new machine, machine part, or machine accessory which in normal use has proven to be defective in workmanship or material, provided that the customer returns the product prepaid to a factory service center or authorized service station with proof of purchase of the product within three (3) years and provides with reasonable opportunity to verify the alleged defect by inspection. For all refurbished product, the warranty period is 180 days. We will not be responsible for any asserted defect which has resulted from normal wear, misuse, abuse or repair or alteration made or specifically authorized by anyone other than an authorized service facility or representative. Under no circumstances will be liable for incidental or consequential damages resulting from defective products. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty is sole warranty and sets forth the customer's exclusive remedy, with respect to defective products; all other warranties, express or implied, whether of merchantability, fitness for purpose, or otherwise, are expressly disclaimed by.