



OWNER'S MANUAL



CT126 Portable Dust Collector



CT126 PORTABLE DUST COLLECTOR

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GENERAL SAFETY INSTRUCTIONS

EXTREME CAUTION SHOULD BE USED IN OPERATING ALL POWER TOOLS. KNOW YOUR POWER TOOL, BE FAMILIAR WITH ITS OPERATION. READ THE OWNER'S MANUAL AND PRACTICE SAFE USAGE PROCEDURES AT ALL TIMES.

- ❑ **CONNECT** your machine **ONLY** to the matched and specified power source.
- ❑ **WEAR SAFETY GLASSES, RESPIRATORS, HEARING PROTECTION** and **SAFETY SHOES** when operating this machine.
- ❑ **DO NOT** wear loose clothing or jewellery when operating machinery.
- ❑ **A Safe Environment is important.** Keep the area free of dust, dirt and other debris in the immediate vicinity of the machine.
- ❑ **BE ALERT!** Do Not Use prescription or other drugs that may affect your ability or judgement to safely use this machine.
- ❑ **DISCONNECT** the power source when making other adjustments or repairs.
- ❑ **NEVER** leave an operating tool unattended.
- ❑ **ALWAYS** keep all safety guards in place and ensure their proper function.
- ❑ **ALWAYS** make sure that any tools used for adjustments are removed before operating the machine.
- ❑ **ALWAYS** keep bystanders safely away while operating machinery.
- ❑ **THINK SAFETY. WORK SAFELY.** Never attempt a procedure if it does not feel safe or comfortable.

IMPORTANT SAFETY RULES FOR DUST COLLECTORS

WARNING: Basic precautions should always be followed when using your dust collector. To reduce the risk of injury, electrical shock or fire, comply with the safety rules listed below.

1. **READ** and understand the instruction manual before operating the dust collector.
2. **DO NOT** leave the dust collector plugged into the electrical outlet. Unplug dust collector from outlet when not in use and before servicing, changing bags, unclogging and cleaning.
3. **ALWAYS** turn the power switch OFF before unplugging the dust collector.
4. **WARNING:** To reduce the risk of electrical shock do not use outdoors or on wet surfaces. Use for dry pickup only.
5. **FOLLOW** all electrical and safety codes, including the National Electric Code and the Occupational Safety and Health Regulations. Qualified personnel should make all electrical connections and wiring only.
6. **DO NOT** use the dust collector to pick up flammable or combustible liquids, such as gasoline. Never use the duct collector near any flame or combustible liquids.
7. **USE** the dust collector to pickup wood materials only. Do not use to pick up metal shavings, dust water, or parts.
8. **NEVER** use to dissipate fumes or smoke. Never pick- up anything that is burning or smoking, such as cigarettes, matches or hot ashes.
9. **USE** only as described in this manual.
10. **DO NOT** pull the dust collector by the power cord. Do not allow the cord to come in contact with oil, grease or hot surfaces.
11. **DO NOT** handle the plug or the dust collector with wet hands.
12. **REPLACE** damaged cords immediately. Do not use a damaged cord or plug. Never use if dust collector is not operating properly, been left outdoors or come in contact with water.
13. **DO NOT** insert fingers or foreign objects into the dust intake ports.
14. **DO NOT** use the dust collector without a filter bag and dust collection bag in place and properly secured.
15. **ALWAYS** cover exposed dust intake ports. Unused dust intake ports must be capped.
16. **NEVER** operate collector with damaged bags or hose.
17. The dust collector is designed for home use or light commercial duty **only**.
18. **CONNECT** dust collector to properly grounded outlet only. REFER to Grounding Instructions.

GROUNDING INSTRUCTIONS

This appliance must be grounded, if it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having equipment-ground conductor and grounding plug. The plug must be inserted into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

WARNING – Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance – if it will not fit the outlet have a proper outlet installed by a qualified electrician.

For grounded, cord – connected appliances:

This appliance is for use on a circuit having a normal rating more than 120volt and is factory – equipped with a specific electric cord and plug to permit connection to a proper electric circuit. Make sure that the appliance is connected to an outlet having the same configuration as the plug. No adapter should be used with this appliance. If the appliance must be reconnected for use on a different circuit, qualified service personnel should make the reconnection.

For permanently connected appliance:

This appliance must be connected to a ground metal, permanent wiring system; or an equipment – grounding conductor must be run with the circuit conductors and connected to the equipment grounding terminal or lead on the appliance.

CT126 Portable Dust Collector **Features**

As part of the growing line of Craftex woodworking equipment, we are proud to offer the CT126 Portable Dust Collector. The Craftex name guarantees Craft Excellence. By following the instructions and procedures laid out in this owner's manual, you will receive years of excellent service and satisfaction. The CT126 is a professional tool and like all power tools, proper care and safety procedures should be adhered to.

- ❑ Motor: 1 HP, 110 volt, 7.4 amps.
- ❑ Sound Rating: 55 – 65 db
- ❑ Safety Power Switch with removable key.
- ❑ Balanced steel impeller.
- ❑ Impeller size: 9”.
- ❑ Static Pressure: 8”.
- ❑ Air suction capacity: 600 CFM.
- ❑ Intakes: 1 @ 4”.
- ❑ Mobile base for ease of movement.
- ❑ May be installed without casters for stationary use.
- ❑ Weight: 26 kg.

CT126 Portable Dust Collector Assembly

Installing Wheel Casters

To install the four wheel casters (1) to the underside of the base (2) follow these instructions.

- A. Line up the wheel caster mounting holes with the corresponding holes in the base.
- B. Insert pan head screws and spring washers through the top of the base and secure with hex nuts under the base. Repeat these steps for the other 3 wheel casters.

Fig. 1

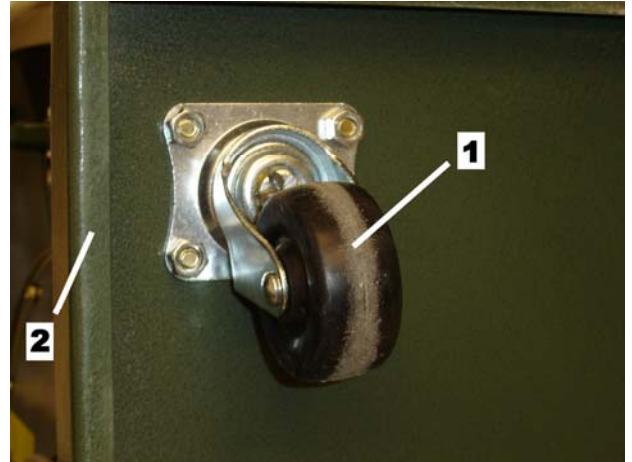


Fig. 1

Attaching Dust Collector Bag

Attach the collector bag (1) to outlet (2) with dust bag clamp (4), fix into place by tightening screw (3) on dust bag clamp.

Fig. 2

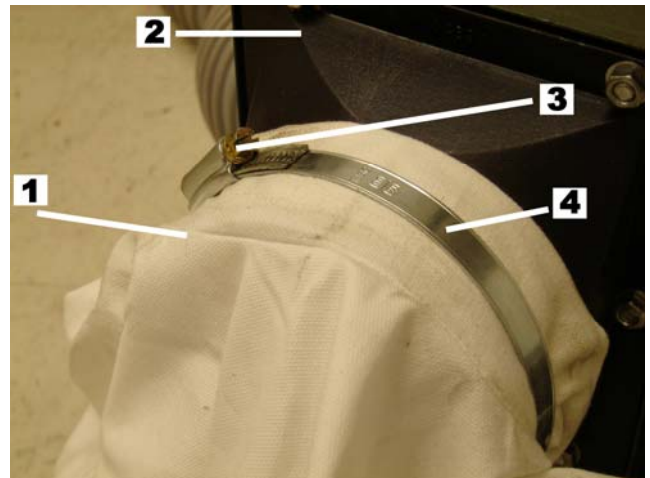


Fig. 2

CT126 Portable Dust Collector Assembly

Assemble The Flexible Hose to Inlet

Place hose clamp (2) over hose (1) and slide hose over the inlet. Fix hose to inlet by tightening hose clamp screw (3).

Fig. 3



Fig. 3

Dust Hood, Arm Assembly and Flex Hose

- A. Assemble dust hood (1) to "L" bracket (2) using 2-carriage bolts (3) and 2 hex nuts (4).
- B. Assemble dust hood and "L" bracket to the arm bracket (5) and fix together using lock handle (6).
- C. Insert arm bracket (5) into the corresponding end of the arm support (8) and lock into place using the arm support clamp (7).
- D. Inset the other end of the arm support into the bracket welded to the dust collector impeller housing. Lock into place using the second arm support clamp.
- E. Place hose clamp (10) over hose (9) and slide hose over the dust hood (1). Fix hose to dust hood by tightening hose clamp fixing screw.

Fig. 4

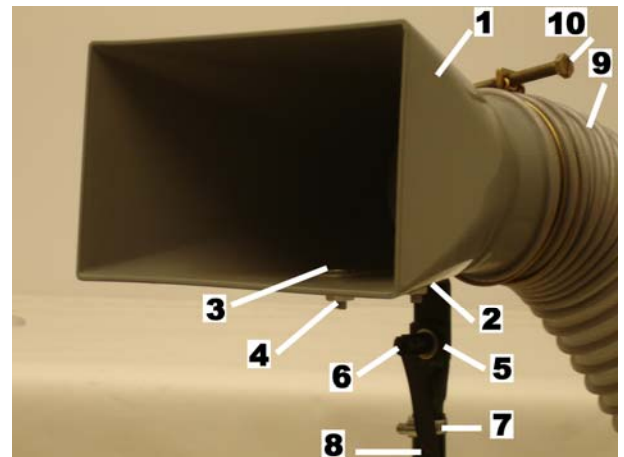


Fig. 4

CT126 Portable Dust Collector Assembly

Dust Collector On & Off

- A. To turn dust collector on or off flip the switch (1) to the desired position.
- B. There is a removable safety key (2) in the tip of the switch that can be removed when in the off position. When the key is removed the dust collector cannot be used.

Fig. 5

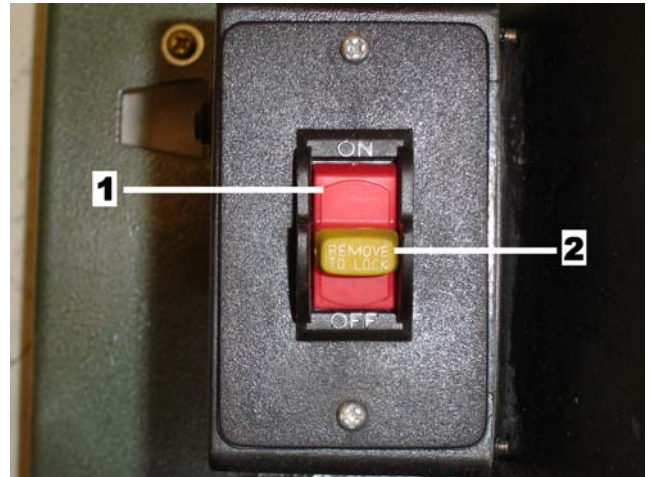


Fig. 5

Note: Before connecting power cord to power source make sure that the switch is in the off position.

Maintenance

Motor

Excessive dust in the motor could cause overheating. Every effort should be made to prevent foreign material from entering the motor. When operated under conditions likely to permit accumulation of dust and dirt within the motor, a visual inspection should be made at frequent intervals. Accumulations of dry dust can usually be blown out. Use a low-pressure air hose.

Caution: When performing the maintenance operation you should always wear safety goggles and a dust mask. If the power cord becomes worn or frayed do not use the dust collector.

Useful Notes

Wood dust can be very dangerous if one is exposed to it very often. As dust collection has gained popularity over the years, so has consumer knowledge about this concern, but it is always good to know just how dangerous wood dust can be if overexposure and or unsafe woodworking practice takes place.

Health Risk and Hazards that can be caused by exposure to wood dust include the following:

- Asthma
- Eye Irritation
- Hypersensitivity
- Skin Irritation
- Dermatitis
- Suberosis
- Acute Airway Obstructions
- Chronic Bronchitis
- Granulomatous Pneumonitis
- Nasal Cancer

Formulas

Velocity (FPM) = Volume (CFM) / Cross Sectional Area (ft.²)

Volume (CFM) = Velocity (FPM) x Cross Sectional Area (ft.²)

Cross Sectional Area (ft.²) = Volume (CFM) / Velocity (FPM)

Circle Area = 3.142 x Radius²

Diameter = 2 x Radius

CT126 Portable Dust Collector Parts List

No	Part Order	Description	Qty
1	6811050010	Caster Wheel	4
2	6811050020	Pan Head Screw	16
2 – 1	6811050021	Hex. Nut	16
3	6811050030	Spring Washer	16
4	6811050040	Base	1
5	6811050050	Pan Head Screw	12
6	6811050060	Inlet Cover	1
7	6811050070	Left Hand Cap Screw	1
8	6811050080	Set Screw	1
9	6811050090	Washer	1
10	6811050100	Impeller	1
11	6811050110	Impeller Housing	1
12	6811050120	Washer	18
12 – 1	6811050121	Hex. Nut	6
13	6811050130	Hex. Bolt	6
14	6811050140	Hex. Bolt	12
15	6811050150	Hex. Bolt	6
15 – 1	6811050151	Hex. Bolt	6
15 – 2	6811050152	Washer	6
16	6811050160	Switch	1
16 – 1	6811050161	Switch Plate	1
16 – 2	6811050162	Switch Box	1
17	6811050170	Dust Bag Clamp	1
18	6811050180	Motor	1
19	6811050190	Gasket	1
20	6811050200	Motor Support Plate	1
21	6811050210	Key	1
22	6811050220	Gasket	1
23	6811050230	Outlet	1
24	6811050240	Dust Bag	1
26	6811050260	Power Cord	1
28	6811050280	Arm Support Wire Clamp	2
29	6811050290	Arm Support	1
30	6811050300	Fixed Support	1

CT126 Portable Dust Collector
Parts List Con't.

No	Part Order #	Description	Qty
31	6811050310	Lock Handle	1
31 - 1	6811050311	Washer	1
32	6811050320	Carriage Bolt	2
32 - 1	6811050321	Washer	2
33	6811050330	Dust Hood Bracket	1
34	6811050340	Hex. Nut	2
35	6811050350	Dust Hood	1
36	6811050360	Hose Wire Clamp	2
37	6811050370	4" x 10' Flexible Hose	1



WARRANTY

CRAFTEX 3 YEAR LIMITED WARRANTY

Craftex warrants every product to be free from defects in materials and agrees to correct such defects where applicable. This warranty covers **three years** for parts and 90 days for labour (unless specified otherwise), to the original purchaser from the date of purchase but does not apply to malfunctions arising directly or indirectly from misuse, abuse, improper installation or assembly, negligence, accidents, repairs or alterations or lack of maintenance.

Proof of purchase is necessary.

All warranty claims are subject to inspection of such products or part thereof and Craftex reserves the right to inspect any returned item before a refund or replacement may be issued.

This warranty shall not apply to consumable products such as blades, bits, belts, cutters, and chisels, punches etceteras. Craftex shall in no event be liable for injuries, accidental or otherwise, death to persons or damage to property or for incidental contingent, special or consequential damages arising from the use of our products.

RETURNS, REPAIRS AND REPLACEMENTS

To return, repair, or replace a Craftex product, you must visit the appropriate Busy Bee Tools showroom. Craftex is a brand of equipment that is exclusive to Busy Bee Tools.

For replacement parts directly from Busy Bee Tools, for this machine, please call 1-800-461-BUSY(2879), and have your credit card and part number handy.

- *All returned merchandise will be subject to a minimum charge of 15% for re-stocking and handling with the following qualifications.*
- *Returns must be pre-authorized by us in writing.*
- **We do not accept collect shipments.**
- *Items returned for warranty purposes must be insured and shipped pre-paid to the nearest warehouse (see locations on inside back cover of this manual).*
- *Returns must be accompanied with a copy of your original invoice as proof of purchase. Returns must be in an un-used condition and shipped in their original packaging a letter explaining your reason for the return. Incurred shipping and handling charges are not refundable.*
- *Busy Bee will repair or replace the item at our discretion and subject to our inspection.*
- *Repaired or replaced items will be returned to you pre-paid by our choice of carriers.*
- *Busy Bee reserves the right to refuse reimbursement or repairs or replacement if a third party without our prior authorization has carried out repairs to the item.*
- *Repairs made by Busy Bee are warranted for 30 days on parts and labour.*
- *Any unforeseen repair charges will be reported to you for acceptance prior to making the repairs.*
- *The Busy Bee Parts & Service Departments are fully equipped to do repairs on all products purchased from us with the exception of some products that require the return to their authorized repair depots. A Busy Bee representative will provide you with the necessary information to have this done.*

For faster service it is advisable to contact the nearest Busy Bee location for parts availability prior to bringing your product in for repairs.

