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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 heavy machinery. Always wear safety glasses.
- 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 changing drill bits, hollow chisels or making other adjustments or repairs.
- NEVER leave an operating tool unattended.
- NEVER reach over the table when the tool is in operation.
- ALWAYS keep blades, knives or bits sharp and properly aligned.
- ALWAYS keep all safety guards in place and ensure their proper function.
- ALWAYS use push sticks and feather-boards to safely feed your work through the machine.
- ALWAYS make sure that any tools used for adjustments are removed before operating the machine.
- ALWAYS secure your work with the appropriate clamps or vises.
- ALWAYS keep bystanders safely away while operating machinery.
- THINK SAFETY. WORK SAFELY. Never attempt a procedure if it does not feel safe or comfortable.
CT053 SPECIFIC SAFETY INSTRUCTIONS

FOR YOUR HEALTH, DUST COLLECTION IS NOW A NECESSITY NOT A LUXURY

- The CT053 is designed to collect sawdust *ONLY*.
- **NEVER** attempt to use this Dust Collector to vacuum water or any other liquids.
- **NEVER** try to use this Dust Collector to collect large wood scraps.
- **NEVER** attempt to use this Dust Collector to collect metal materials such as screws, nails or other metal parts.
- **NEVER** remove the filter bag or the collection bag with the motor operating.
- **NEVER** operate the Dust Collector with all blast gates closed.
- **ALWAYS** disconnect the CT053 from its power source when changing or emptying the bags.
- **ALWAYS** be sure that the collection and filter bags are securely fastened to the Collector Body.
As part of the growing line of Craftex woodworking equipment, we are proud to offer the CT053 Professional Dust Collection System. 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 CT053 is a professional tool and like all power tools, proper care and safety procedures should be adhered to.

This powerful low-noise factor dust collector is portable and may be set up in semi permanent locations. Transparency of the lower bag (made of polyethylene) allows you to view the contents without constantly opening the bag.

- Motor – 1 HP, 110 volt, 7 amps.
- Safety Power Switch with removable key.
- Balanced steel impeller.
- Impeller size – 10”.
- Lower bag volume – 2.67 cubic feet.
- Transparent Polyethylene lower collector bag for content visibility.
- Static Pressure – 6”.
- Air suction capacity – **570 CFM**.
- Intakes – 1 @ 4”.
- One-Micron upper filtration bag.
- Mobile base for ease of movement.
- May be installed without casters for stationary use.
- Weight – 30kg.
CT053 DUST COLLECTOR
ILLUSTRATED FEATURES

- Upper Filter Bag
- Collector Body
- Collector Bag
- Impeller Housing
- On/Off Switch
- Motor
- Post Stand
- Casters
- Base
Your Craftex CT053 Dust Collector is shipped in one carton and care should be taken to be certain that all components are carefully removed.

**The parts include:**

* Impeller Fan and Motor.

* Collector Body.

* Stand Post.

* Base Unit.

* Gasket.

* Upper Filter Bag.

* Bottom Collector Bag.

* Castors.

* Assembly Parts.

* Straps

* Top Bag & Collector Bag Support Bars

* User Manual
CT053 DUST COLLECTOR
Assembly Instructions

Installing the Caster Wheels

You will first want to start by assembling the base and casters.

Select the Base Plate and turn it upside down.
Select the 4 Castors and the 16 pan-Head Screws and install the casters to the inverted Base Plate.

Note: Ignore the above steps if you wish the CT053 to be a stationary tool.

Installing the Caster Wheels to the Base

Post Assembly

With the Base Plate in the upright position, select the Stand Post and mount it on the 4 holes in the Base Plate with the 4 Hex-Head bolts and tighten securely. You now have the lower portion of your dust collector complete.

 Attaching the Post Stand on the Base
CT053 DUST COLLECTOR
Assembly Instructions

Motor and Impeller Assembly

Select the Motor/Impeller unit and attach it to the Post as shown with 4 Hex Bolts. Tighten securely.

Rubber Gasket

After you are done mounting the motor to the post stand take the rubber gasket and place it on the flange at the motor/impeller opening as you can see in the figure on the right.
CT053 DUST COLLECTOR
Assembly Instructions

Collector Assembly

Select the 6 Hex Bolts from the parts package and assemble the Collector to the Motor/Impeller unit as illustrated and tighten securely.

Collection Bag & Top Bag Support Rods

Attach one end of the collection bag support rods to the base and the other end to the collector with the help of screws and washers provided as shown in the figure.

Take the top bag support rod and attach only one end to the collector as shown in the figure below.
CT053 DUST COLLECTOR
Assembly Instructions

Collector Support Bolts

Adjust the two hex bolts located on the post stand, against the impeller and tighten the hex nut.

Installing Collector and Filter Bags

The cloth, Filter Bag should be attached to the upper portion of the Collector with the straps sewn into the bag as shown.

The Polyethylene Collector Bag is attached to the bottom of the Collector as illustrated.

Top Filter Bag Attached to the Collector

Bottom Bag Attached to the Collector
Craftex offers an OPTIONAL grounding system with the CT053 to decrease the shock hazard (although extremely rare). The sawdust being collected becomes very dry as it travels through the collection pipes or tubes and as it spins through the system it creates a static charge. If this is not grounded, it could give the tool operator a static shock. Although the electrical shock is extremely minor, it may have consequences to some individuals.

The grounding of the pipes or tubes will help eliminate the possibility of these shocks. The copper wire included with the grounding kit should be connected to the steel chassis of the dust collector and fed through a small hole made in the tubing or pipe. The wire should then be fed to the tool being used and grounded to the steel chassis. Should there be more than one tool connected (through gates) to the CT053, they should all be grounded as described above.

For more information in regards to this, you may refer to the ‘Dust Collection Basics’ book, model W1050. This book covers all topics in regards to home dust collection for the workshop.
Connecting CT053 to the Power Source

Your CT053 Dust Collector is equipped with a Safety Switch that has a removable key. This key will help prevent unauthorized use of the tool.

The CT053 is also equipped with a three-prong grounding plug. Under no circumstances should the long grounding prong be tampered with. The CT053 must be connected to a properly grounded power outlet.

Your CT053 is now ready to connect to your power tools through the use of 4” dust collection hoses or ducts to help keep your shop dust-free.

Remember; do not use this machine for anything other than collecting sawdust. Failure to do so could result in malfunction of the machine and may void the warranty.
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
## CT053 DUST COLLECTOR
### PARTS LIST

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>Other Language</th>
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<tbody>
<tr>
<td>1</td>
<td>Caster</td>
<td>Roulette</td>
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<tr>
<td>2</td>
<td>Screw pan hd</td>
<td>Vis pan. hd.</td>
</tr>
<tr>
<td>3</td>
<td>Spring washer</td>
<td>Ressort, bague</td>
</tr>
<tr>
<td>4</td>
<td>Base plate</td>
<td>Plateau de base</td>
</tr>
<tr>
<td>5</td>
<td>Screw pan hd</td>
<td>Vis pan. hd.</td>
</tr>
<tr>
<td>6</td>
<td>Inlet cover</td>
<td>Couverture de la porte d’entrée</td>
</tr>
<tr>
<td>7</td>
<td>Screw hex soc hd</td>
<td>Vis hex. soc. hd.</td>
</tr>
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<td>8</td>
<td>Set screw soc hd</td>
<td>Vis soc. hd.</td>
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<td>Washer</td>
<td>Bague</td>
</tr>
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<td>10</td>
<td>Turbo fan</td>
<td>Ventilateur turbo</td>
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<td>11</td>
<td>Collector body</td>
<td>Corps de l’aspirateur</td>
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<td>Washer</td>
<td>Bague</td>
</tr>
<tr>
<td>12-1</td>
<td>Nut</td>
<td>Écrou</td>
</tr>
<tr>
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<td>Vis hex. Hd.</td>
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<td>Key switch</td>
<td>Clé interrupteur</td>
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<td>Packing</td>
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</tr>
<tr>
<td>20</td>
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<td>Colonne &amp; plateau du moteur</td>
</tr>
<tr>
<td>21</td>
<td>Key</td>
<td>Clé</td>
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<tr>
<td>22</td>
<td>Packing</td>
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<td>Collector</td>
<td>Collecteur</td>
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<td>Collector bag</td>
<td>Sac de collection</td>
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<td>25</td>
<td>Filter bag</td>
<td>Sac de filtrage</td>
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<td>Power cord</td>
<td>Fil du courant</td>
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<tr>
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<td>Clé hex.</td>
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<td>29</td>
<td>Spring washer</td>
<td>Ressort bague</td>
</tr>
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<td>36</td>
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**CRAFTEX**
OPTIONAL ACCESSORIES

PVC FLEX HOSE
PH003 - 3" PVC Pipe ~ per foot, or 50 ft. Roll
PH004 - 4" PVC Pipe ~ per foot, or 50 ft. Roll
PH00425 - 4" PVC Pipe ~ 25 feet. Roll
PH004FX - 4" Super Flex PVC Pipe - 10 ft. Sections
PH005 - 5" PVC Pipe ~ per foot, or 50 ft. Roll

Dust Accessories Kit For 4" Fittings
Model – W1055
Kit #2 to service two machines
Two blast gates, two 10' hoses, one table
own hood, one universal hood, one "Y" fitting, ten hose clamps
17 pieces

Dust Accessories Kit For 4" Fittings
Model - W1054
Kit # 1 to service one machine
10' hose, one universal hood, two hose clamp
4 pieces

Replacement Bags for CT053
Model - B1140B - Bottom Dust Bag - 30 micron
Model - B1140BT - Top Dust Bag - 30 micron
Model - CT034 - Bottom plastic bags for (5pcs)
Model - CT032 - 1-micron replacement bag
Model - CT155 - Easy On Dust Collection Bags (5pcs)
Steel Straps Clamps – Model CT036 - 2pc clamp set

Grounding Kit for CT053
Model - W1053 - Grounding Kit for CT053

Canister Upgrade Kit
CT053CH
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, 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.