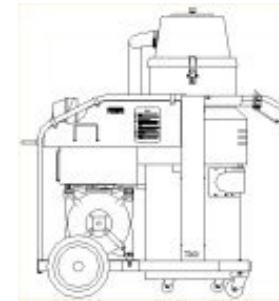


INSTRUCTION MANUAL

(Retain for future reference)

for

Industrial Vacuum Cleaner



Model TI 60

For Wet and Dry Collection
(fitted With J8 Exhauster)

400v 3 Phase, 50Hz, 4kW
or
As stated on rating plate

Serial No.....
(To be completed by User)

**READ THIS INSTRUCTION MANUAL BEFORE
USING THE APPLIANCE**

We reserve the right to change the design without notice

IMPORTANT
PLEASE READ THESE INSTRUCTIONS CAREFULLY

This BVC vacuum cleaner is designed to handle a wide range of cleaning and debris collection in industrial areas.

CAUTION

This vacuum cleaner must not be used for the collection of health endangering, flammable or explosive materials. Nor must it be used or stored in wet conditions, i.e. outside in the rain, swimming pools etc.

PREPARATION FOR USE

Unpack and identify each item of equipment against packing note.
Check that the details given on the rating plate are in accordance with your electricity supply.

IMPORTANT

WARNING - THIS APPLIANCE MUST BE EARTHED

The electrical connections of this machine must be carried out by a competent electrician.

As this machine is an earthed appliance it must be fitted with a cable having an earth core and therefore must be connected to a 4-pin plug.

The machine is fitted with a 4 core cable, 3 cores (one for each phase) and 1 core for earth
Green/Yellow for 'E' earth lead.

When wired to the mains plug, but before use, the rotation of the exhauster must be checked.
If the direction of rotation is incorrect interchange two of the phase connectors in the plug.

Ensure all 3 phase sockets are wired to maintain correct direction of rotation.

NOISE EMISSION 81 dB(A) @ 1m

DO

- 1) Check the mains lead and plug frequently for damage.
- 2) Return the machine to BVC for electrical safety checks at least once a year or more frequently if used in an arduous environment. (Please empty and clean the machine prior to return). Contact BVC Service Department who will arrange collection.
- 3) Only use spare parts provided by BVC.
- 4) Empty the cleaner before it becomes too full and the pick-up effectiveness of the cleaner is reduced.

DO NOT

Pull the machine along by the mains lead.

CARE AND MAINTENANCE

Always disconnect machine from electrical supply prior to carrying out maintenance.

Bearings - the BVC exhauster has pre-greased bearings which require little maintenance. The non drive end bearing is sealed and will need no maintenance. The drive end bearing should be inspected every six months for excessive play.

Belts - Slacken motor support, lightly tension the belt so that any sag is removed, ensuring the ribs are a snug fit in pulley grooves; mark two lines on back of belt 200mm apart; tension the belt carefully rotating drive slowly until distance between two lines has increased by 1.0mm (i.e. 0.5% increase); ensure platform adjustment is fully locked: check belt frequently in first 24 hours operation, re-adjust if necessary. If belt will not run true, the pulley shafts are either twisted in relation to one another or not parallel to one another. Ensure that the driving and driven shafts are parallel and that the pulleys are aligned by using a straight edge and adjusting the motor position accordingly. Always ensure that the motor is secured in position when adjustments are completed.

SPARES

We recommend that stocks are retained of the following:

	Part No.
Belt	01 87135 00

NORMAL USE

Collection drum removal and fitting

To lower the drum, stand behind the cleaner, pushing the handle down slightly and lift the catch. The handle will rise and the drum will descend to the ground. The drum can now be rolled away from the cleaner on its own castors.

To replace the drum ensure the handle is in the raised position and push the drum back against the support pins. Raise it by pulling the handle down until it engages under the catch.

WET PICK UP ONLY

The vacuum cleaner contains a float valve that automatically closes when liquid reaches a predetermined level in the tank. This is indicated by a change in sound of the vacuum cleaner and cessation of pick-up. The cleaner should be turned off when the float valve operates. Check the float valve is clean and free to operate prior to use for wet pick-up.

CAUTION

The vacuum cleaner should be switched off immediately if foam or liquid is discharged.

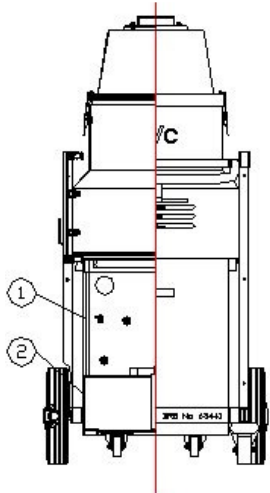
HOSES AND ACCESSORIES

The machine is supplied with hose(s) and accessories to the customer's individual requirements from the BVC range. Contact BVC sales for information and advice if further items are required. Tools and hose fit together using a twist and thrust movement. Joints are separated by a twist and pull movement.

OPTIONS

1	Dry pick up	Cloth bag
2	Dry pick up	Clear Flow filters with shaker
3	Dry pick up	Cloth bag with HEPA filter
4	Dry pick up	Clear Flow filters with shaker and HEPA filter
5	Wet pick up	(Cloth bag)
6	Swarf collection	Basket
7	Plastic bag collection	

SWARF BASKET AND STAND

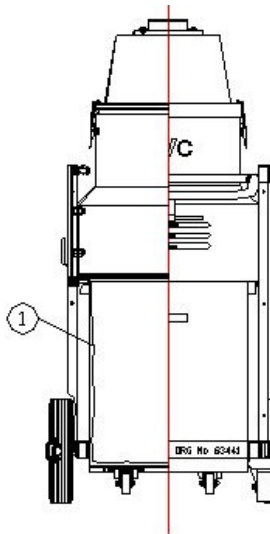


1. SWARF BASKET 54 63401 00
(INCLUDES STAND)

1. When fitting the basket stand ensure the two locating pins are positioned so that the stub pipe penetrates the swarf basket.
2. Do not fill the swarf basket so full that it overflows or is too heavy to lift.
3. If the material being collected is very wet or in liquid, a float valve assembly must be used

PLASTIC BAG

(Light material collection only)

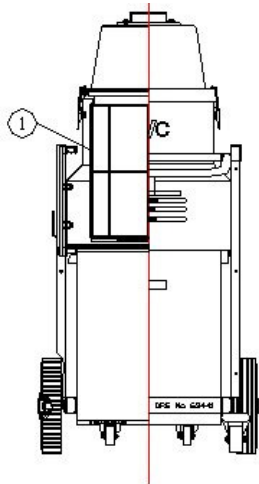


1. PLASTIC BAG 500g 016724400

1. Fit the plastic bag into the collection bin and stretch the open end of the plastic bag over the top of the collection bin.
2. Push the plastic bag over the stub pipe so that the stub pipe penetrates the plastic bag forming a snug fit (it helps if a hole or cut is made in the bag first).
3. The collection bin with plastic bag may be fitted to the machine in the normal way.
4. When emptying it may be easier, dependant on how full the bag is, to remove the stub pipe.

TI60 with Filter Bag

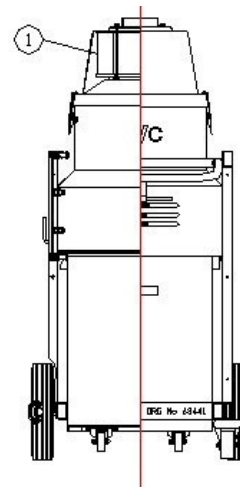
Filter Cleaning



1. FILTER BAG ASSY 54 63170 00

1. Electrically isolate the machine prior to maintenance.
2. Access to the filter bag is by removing the head, which is held in position by two toggle clips.

To maintain efficient collection the filter bag should be removed and cleaned by brushing/vacuum cleaning.



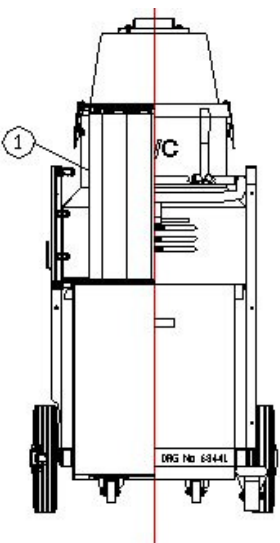
1. HEPA FILTER 556305301

TI60 WITH HEPA FILTER

No maintenance can be carried out on the HEPA filter other than replacement

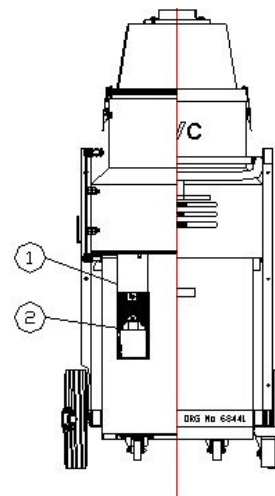
TI 60 WITH CLEAR FLOW FILTER

FILTER CLEANING



1. CLEAR FLOW FILTER ASSY 54 63172 00

1. The Clear Flow filter may be cleaned on the machine by switching the machine off, operating the filter shaker approximately 10 times and allowing the dust to settle.
2. The Clear Flow filter may be periodically removed for cleaning if required by brushing/vacuum cleaning. This should be carried out as follows:-
 - a. Electrically isolate the machine prior to maintenance.
 - b. Operate the shaker 10 times and allow dust to settle.
 - c. Access to the Clear Flow filter is by removing the head, which is held in position by the two toggle clips.



1. WET OPTION ASSY 54 63399 00
2. FLOAT ASSY 54 63384 00

WET PICK UP

(Can be used with Swarf Basket & Stand)

1. The float valve assembly must always be used when collecting liquids to prevent entry of liquids into the motor.
2. Do not leave hose end immersed in liquid being collected. Ensure that air is entrained as well as liquid (this helps prevent a whirlpool action of the liquid in the collection bin).
3. Frequently check the float valve is clean and free to operate.