

WORKSHOP FUME EXTRACTION MANUAL



EX-10



EX-15



EX-30

WARRANTY

This warranty is in addition to the statutory warranty provided under Australian Consumer Law, but does not include damage resulting from transport, misuse, neglect or if the product has been tampered with. The product must be maintained as per this manual, and installed and used according to these instructions on an appropriate power supply. The product must be used in accordance with industry standards and acceptable practice. This warranty covers the materials used to manufacture the machine and the workmanship used to produce the item. This Warranty does not cover damage caused by:

1. Normal wear and tear due to usage
2. Misuse /abuse or Neglect of the item
3. Transport / handling breakages
4. Lack of maintenance, care and cleaning
5. Environmental factors, such as usage in temperatures exceeding 40 degrees, above 1000mt sea level, rain, water, excessive damp, cold or humid conditions.
6. Improper setup or installation
7. Use on Incorrect voltage or non authorised electrical connections and plugs
8. Use of non standard parts
9. Repair, case opening, tampering with, modifications to any part of the item by non authorised repairers.



1. REGISTRATION

- Purchasers are encouraged to register for warranty on our website. www.dynaweld.com.au/warranty
- Product must be registered to receive full 3 year warranty.
- 2 year standard warranty applies if the product is not registered online.

2. TIME PERIOD - 3 Years (when registered online)

- When the machine has been registered online, a warranty claim must be made within 3 years from the date of purchase.
- If the machine has not been registered online, a warranty claim must be made within 2 years from the date of purchase.
- Any claim must include proof of purchase.

3. HOW TO MAKE A CLAIM - NEED SOME HELP?

- Visit our website www.dynaweld.com.au/troubleshooting for many helpful tips and guides to assist with the setup and usage of your new machine. Still stuck....?
- Call the DYNAWELD Helpdesk on 1300 899 710 for over the phone assistance.
- If the machine is not operational then return the item to the place of purchase.

BT WELD MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHERS, INCLUDING, BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

SAFETY REQUIREMENTS

Note: the use of electrical equipment should be in accordance with the relevant provisions to take measures to prevent injuries caused by electric shock, fire, etc. Please read the following instructions carefully before using this device

1. Protect the power cables from heat, oil, and sharp metal corners
2. Do not inhale flammable and explosive dust such as aluminum or wood dust
3. The equipment should be well placed and the brakes of the rollers should be closed
4. Use the original filtration system only
5. Please do not use this device without the filter element placed
6. Avoid equipment moisture
7. Turn off the terminal power supply when opening the device control box
8. Do not live wiping, disassembly and repair equipment to prevent electric shock.

STANDARD INCLUSIONS



EX-10

P/N: 681020

1. EX-10 fume extraction unit
2. Suction arm frame + tube x1
3. Hose clamp x2
4. Elastic sealing ring x2
5. Suction head / hood x1



EX-15

P/N: 681030

1. EX-15 fume extraction unit
2. Suction arm frame + tube x1
3. Hose clamp x2
4. Elastic sealing ring x2
5. Suction head / hood x1
6. Oil water separator



EX-30

P/N: 681040

1. EX-30 fume extraction unit
2. Suction arm frame + tube x2
3. Hose clamp x4
4. Elastic sealing ring x4
5. Suction head / hood x2
6. Oil water separator



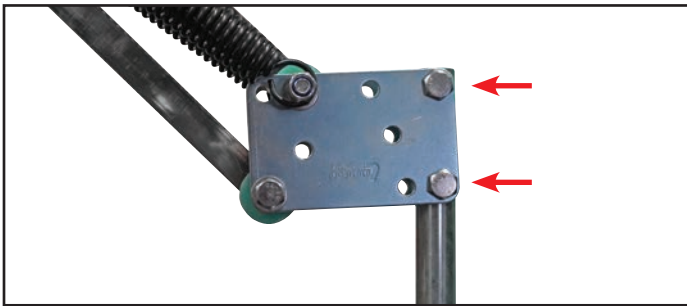
SETUP



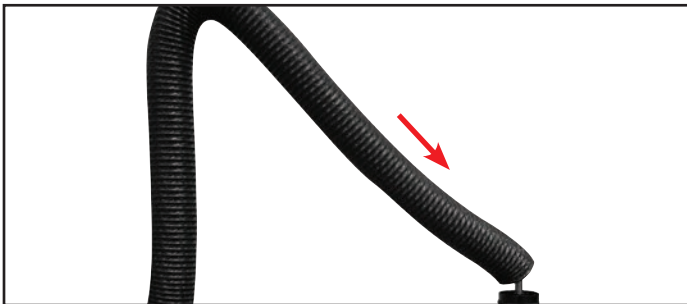
1. Install suction arm base on top of the unit with 8 bolts



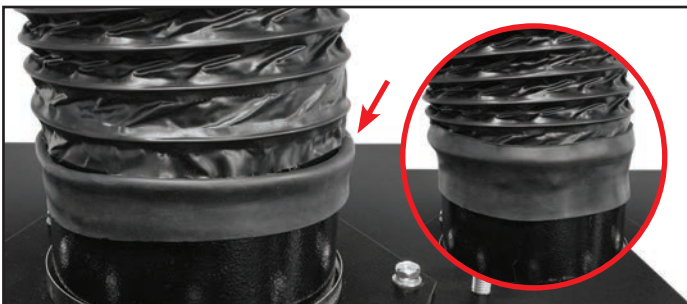
2. Install the elastic sealing ring on the base then fold half. Install hose clamp and stay loose on the base.



3. Install suction arm frame on the base and tighten it with 2 bolts M10x50 and self locking nuts



4. Install the hose onto the suction arm frame



5. Move the tube toward to the elastic sealing ring then flip the elastic sealing ring to wrap the hose



6. Secure the elastic sealing ring and hose with hose clamp



7. Repeat steps from 2 to 6 on fitting the suction head / hood



8. Press down the lock button to pop out the handle. Twist the handle anti clockwise 45° to open the door.



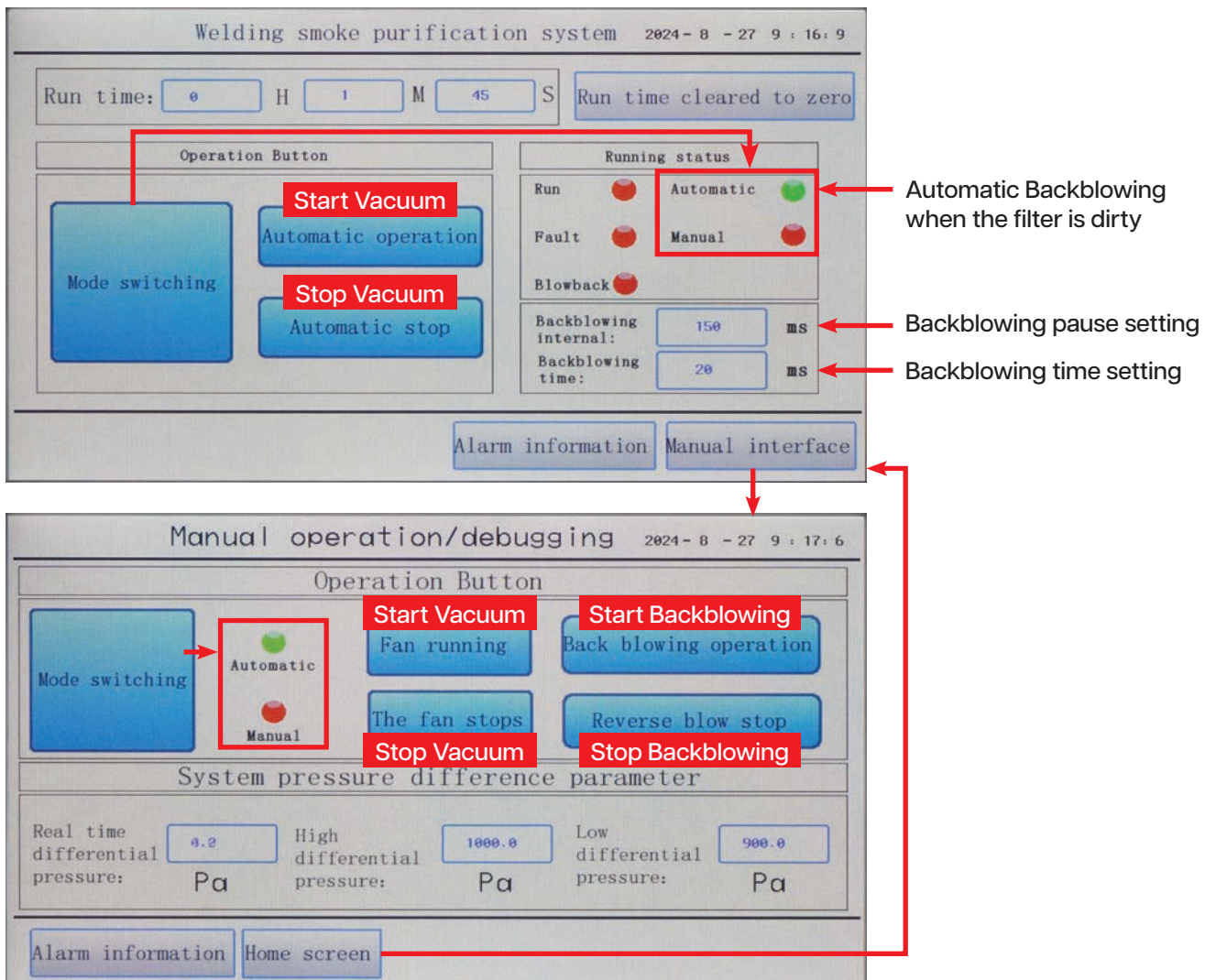
9. Take out the oil-water separator from the front storage. Install the oil-water separator on the side of the unit then connect the gas source. (This is for reverse blowing function, clean dust method)

DIRECTION FOR USE

1. All the fume extraction equipment is only suitable for indoor use.
2. Before using the fume extraction equipment, please check whether the smoke inhaled is suitable for the vacuuming work of this model.
3. Pay attention to the impact of the operation link on the equipment, such as static electricity, space, high temperature, etc.
4. Push the equipment to the work site, at the ground level, and confirm the connection of related accessories. It should work on the firm and flat ground to avoid the wobbling which results in noise. The inclination should be less than 45 degree when moving and transporting. Press the fixed casters of the equipment to prevent the equipment from sliding and adjust the suction arm for proper operation.
5. There should be space more than 50cm-100cm around the facility when working.
6. The connecting between arm and flange should be sealed. The arm should avoid the damage and pressure from outside force, or it will affect the air flowing through arm.
7. Position the hood beside the fume source (0.2-0.4m distance) and switch on the equipment before welding, and switch it off after finishing welding work.

CONTINUE FOR EX-15/30

1. Make sure the main breaker switch is in ON position (up) and emergency button is not activated.
2. After connecting the power supply, switch the power on and wait for the PLC control system to open.
3. Simply point the suction head of the extraction arm within a few meter of the fume / dust source and press the "Automatic operation" to start sucking up the fumes, and press "Automatic stop" after finishing welding work.
4. The control panel is equipped with pressure sensor, the upper initial pressure value is 2000Pa, alarm pressure is 1200Pa and shutdown pressure is 1500 Pa.
5. After the equipment is used for a period of time, it is necessary to clean the dust in the ash tray.



MAINTENANCE INSTRUCTION

1. When cleaning the machine housing, replacing the parts or changing the working state, it must be shut down and unplug the power supply plug.
2. Avoid squeezing and dragging to damage the wires by any means. And regularly check whether the power cord is damaged, if there is any damage to the power cord, should immediately stop using the machine and replace the damaged power cord by professional repair .
3. When the machine is not in use, it should be placed in a dry room, to avoid the sun and rain.
4. The equipment should clean the filter tube from time to time to prevent blockage and affect the vacuuming effect.
5. After working long time and if suction power becomes weak, you can take out the cartridge and put air-jet inside the middle channel, and blow it manually.

CARTRIDGE FILTER REPLACEMENT



REPLACE EX-10 FILTER: Unlock side locks to remove the front door. Then unlock the knobs on top of the unit to take out the filter.

FILTER CARTRIDGE REPLACEMENT

P/N: 681025



REPLACE EX-15/30 FILTER: Open side door then take out bottom tray completely. Rotate the filter anti clock wise then take out the filter.

FILTER CARTRIDGE REPLACEMENT

P/N: 681035

TROUBLE SHOOTING (EX-10)

If there is no suction power after installing,

1. Check if the damper in hood is open.
2. Check if the sealing rubber is installed on connecting point between hose and flange on cabinet.
3. Check if the connection sequences of 3 phase wires are correct. You can try to change the sequence of any two wires.
Please consult with professional electricity workers.
4. Check if the motor is running.
5. Check if the hose is broken or any other air-leaking points.

TROUBLE SHOOTING (EX-15/30)

PROBLEMS THAT MAY ARISE		POSSIBLE CAUSE	SOLUTIONS
1	The device works	The power supply indicator light is broken	Contact the manufacturer for changing the power supply indicator light
	The power supply indicator light is not on	Internal leakage protector to trip	Electrician checks the leakage protector
		There was a fault with the line	Electrician inspection line
	The lamp burned / the switch burned	Switch is used in an incorrect order	Turn off the switch of the fan first when using it Turn off the power switch
2	The motor does not work	Internal leakage protector to trip	Electrician checks the leakage protector
		There was a fault with the line	Electrician checks the leakage protector
		Lack of phase	Electrician checks for a lack of phase
		The filter is blocked	Remove and wash the filter element / replace the filter element
		The motor failed	Contact the manufacturer for repair or replacement
3	The noise exceeds the standard	Motor and impeller installation are unbalanced	Contact the manufacturer for repair or replacement
		The filter is blocked	Remove and wash the filter element / replace the filter element
		The motor muffled	Remove and wash the filter element / replace the filter element / contact the manufacturer for repair or replacement
4	Air volume is lower than the rated air volume	The filter is blocked	Remove and wash the filter element / replace the filter element
		The inspiratory arm was blocked	Remove the suction arm and check for foreign matter inside
		Outvent activated carbon filter cotton blocked	Check whether the filter element is evenly balanced and repositioned Check whether the activated carbon filter cotton is saturated, and replace the activated carbon filter cotton

Note: The disassembly and washing cycle of the filter cylinder is 2-5 working days according to the working condition.



POWERED BY

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