

# OWNER'S MANUAL

## CLEANBLAST

### IMPORTANT WARNING FOR SAFER BLAST CLEANING

1. Use protective equipment: Abrasive-resistant clothing, safety shoes, leather gloves, ear protection, CE-approved air-fed helmet. Air for helmet must be supplied by a breathing air compressor or through a helmet air filter.
2. Check for possible silicosis hazards. Avoid dust.
3. Do not blast with damaged or worn equipment.
4. Point nozzle only at area being cleaned.
5. Use only proper dry and well-screened abrasives specifically intended for blasting.
6. Keep unprotected workers out of the blast area.
7. Before blasting:
  - Check fittings and hose for wear.
  - Safety-wire couplings together.
  - Check helmet filters and air supply.
  - Check pop-up valve for alignment.
  - Test remote controls.
  - Make sure blast machine is adequately grounded.
8. Do not weld on blast machine, this voids approval.
9. Do not substitute Airblast parts or modified equipment in any way.



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# CLEANBLAST

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## 1.0 INTRODUCTION.

The unit is designed to be used in conjunction with a portable blast cleaning machine fitted with a remote control system. RCV-125 or other.

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## 2.0 SET-UP.

### With air and water supply off.

- 2.1 Fit ¼" (6 mm) air supply hose to the Air Inlet A with cock (4) off.
- 2.2 Fit ¾" (9 mm) water supply hose to the inlet B from either a static tank with at least 1 ft. head of water or pressured supply.
- 2.3 Fit High Pressure exit hose (new low spec paint hose is suitable) 3/8" (9 mm) dia. If over 20 mtrs. long. ¼" (6 mm) dia if below 20 mtrs. long. Control valve off.
- 2.4 Connect HP hose to nozzle injector (which should already be attached to the nozzle holder on blast hose complete with gasket). Fit suitable size nozzle for air supply, complete with gasket.
- 2.5 Check filter (4). On a weekly basis wash the filter by removing, after screwing off the polycarbonate bowl. Wash both, only in mild detergent.  
Make sure the air pressure and supply is off.
- 2.6 Check strainer (3). On a weekly basis wash out the sieve by removing. Unscrew the nut, replace after the operation and make water tight. The sieve is vital to the pump and under no circumstance should the pump be operated without it.  
Make sure that the water supply is off and any pressure released before releasing nut.

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## 3.0 OPERATION.

- 3.1 Turn on Air supply and run compressor for at least 15 minutes to warm up. Turn on (5) air supply and adjust air drain on (4) to just bleed off gently.
- 3.2 Switch on Water supply inlet (3) and HP control (6).
- 3.3 Check pot is ready to go ( reads its instruction if necessary ). Close media valve.

- 3.4 Start blasting with just air then introduce water at (7) injector to check operation of the unit in conjunction with the pot.
- 3.5 Adjust the water flow gradually to the required amount to suit the particular application.
- 3.6 Close down the water injector and then let the deadman handle close down the blast pot. Check for unwanted water leaks and secure.
- 3.7 Adjust media valve on pot to give least amount of grit with the most amount of air.
- 3.8 Cleanblast system and pot are then ready to use, always switch on water last and switch water off first for successful operation.

**NOTE: Always check before start that you are using the correct abrasive for the job. Any queries get advise from Airblast personnel. Never allow Cleanblast pump to run out of water whilst working, this will damage the pump and its seals.**

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## 4.0 MAINTENANCE

The Cleanblast unit is designed to be as maintenance free as possible, only certain maintenance operations should be attempted on site by users.

- 4.1 Clean out water strainer (pos. 21) on a weekly basis, replace if damaged.
- 4.2 Clean out water separator filter (pos. 6) on a weekly basis, replace if damaged.
- 4.3 Check water separator bowl or drain, replace if damaged.
- 4.4 Valves (pos. 4 and 15), replace if damaged.
- 4.5 If flow meter is damaged or does not work, return to works to be advised if repairable.
- 4.6 If pump is damaged or does not work, return to works to be advised if repairable.
- 4.7 Replacement parts are always available from the Airblast offices.

### WARNING

**MAXIMUM RECOMMENDED WORKING PRESSURE IS 110 PSI (7.4 BAR), UNDER NO CIRCUMSTANCES MUST THE UNIT BE CONNECTED TO AN AIR SUPPLY OF A GREATER PRESSURE.**

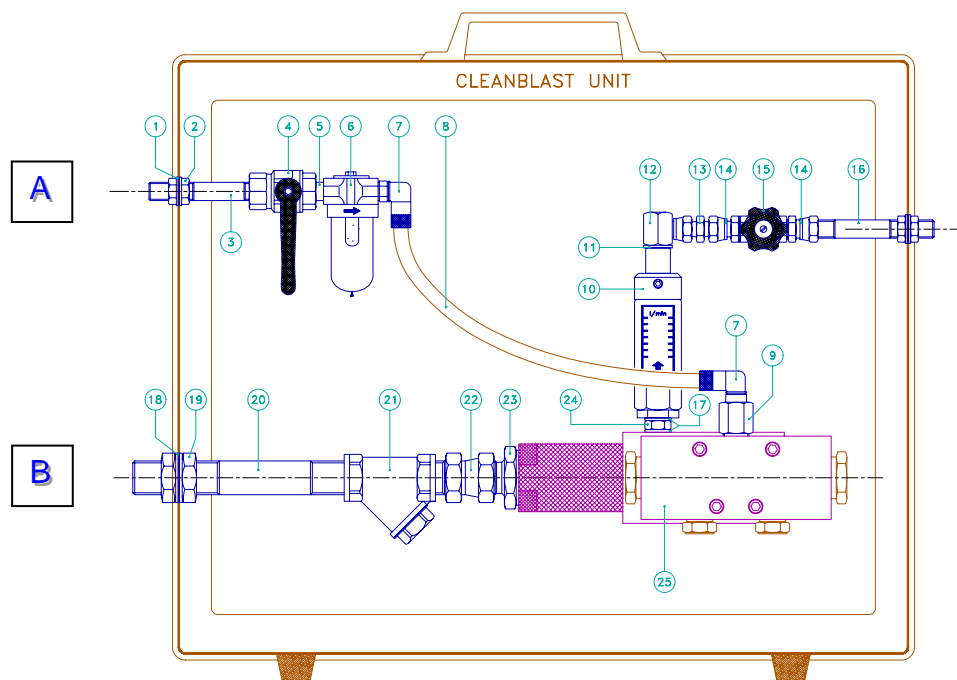
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## 5.0 CLEANBLAST WATER INJECTION SYSTEM.

ART.NR.	MODEL	DESCRIPTION
50755	Cleanblast	Cleanblast, complete. Water injection system for variable pressure wet blasting, incl. nozzle holder assembly and 15 m. high pressure h hose.
50341		Nozzle holder assembly, see page 3.

## 5.1 SPARE PARTS.

01)	50760	Washer
02)	50761	Lock nut 1/4" (6 mm)
03)	50762	Pipe 1/4" (6 mm) MM
04)	50763	Ball valve 1/4" (6 mm)
05)	50764	Hex nipple 1/4" (6 mm)
06)	50765	Air filter
07)	50766	Elbow swivel 90° 1/4" (6 mm) x 8 mm
08)	50767	Plastic tube 8 mm OD
09)	50768	Adapter 1/4" (6 mm) Female x Male
10)	50769	Flow meter 1 – 40 liters/min.
11)	50770	Hex nipple 1/4" (6 mm)
12)	50771	Elbow swivel 90° 1/4" (6 mm)
13)	50772	Hex nipple 1/4" (6 mm)
14)	50773	Swivel union 1/4" (6 mm)
15)	50774	Needle valve 1/4" (6 mm) High Pressure water control
16)	50775	Pipe 1/4" (6 mm) MM
17)	50776	Washer
18)	50777	Washer 3/4" (19 mm)
19)	50778	Lock nut 3/4" (19 mm)
20)	50779	Pipe 3/4" (19 mm) MM
21)	50780	Strainer 3/4" (19 mm)
22)	50781	Swivel union 3/4" (19 mm)
23)	50782	Adapter
24)	50783	Hex nipple
25)	50784	Pneumatic pump, Ratio 2.5 : 1



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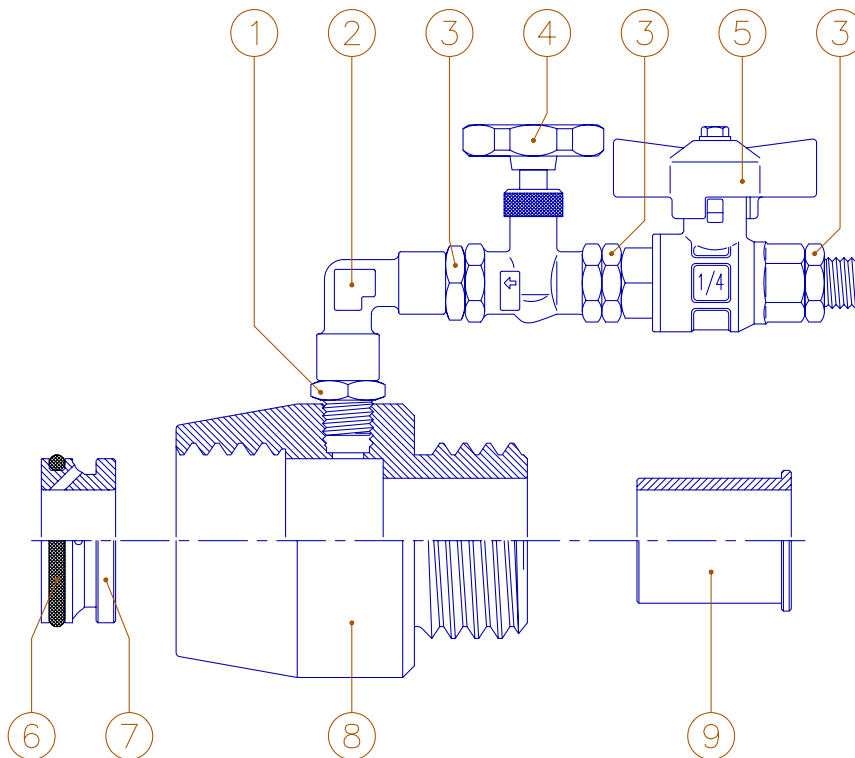
## 6.0 NOZZLE HOLDER ASSEMBLY.

ART.NR.	MODEL	DESCRIPTION
50341		Nozzle holder assembly, complete.

## 6.1 SPARE PARTS.

01)	50725	Adapter
02)	50731	Elbow 1/4" (6 mm) FF
03)	50743	Hex nipple 1/4" (6 mm)
04)	50741	Water flow regulator
05)	50742	Ball valve 1/4" (6 mm)
06)	50691	Rubber O-ring
07)	50701	Water nozzle insert
08)	50721	Body
09)	50711	*** Rear insert
10)	77025	15 mtrs. High Pressure hose 1/4" (6 mm) incl. couplings (not shown)

\*\*\* Optional, not included.



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