



Hodge Clemco Ltd

The Husky Kleenblast Water Injection System

Owner's Manual

Date of Issue: 09.07.01 TS.OM 454

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1.0 General

The Husky Kleenblast system is designed to convert any dry blast machine to wet blast. In operation it pumps water either from mains or a tank/ bowser along an ancillary hose to a point where it is injected behind the nozzle.

2.0 Setting up procedure

- 2.1 Screw the silencer into the exhaust port at the back of the pump (Port 5 on Fig 1)
- 2.1 Mount the pump onto the bracket provided and either attach or suspend the pump from the handle of the blast cleaning machine. The pump can be stand on the floor, if preferred
- 2.2 Using the RM 23 nipple provided connect the 5' length of blue hose to a suitable connection point on the blast machine (e.g. the bottom port on the RMS valve).
- 2.3 Connect the other end of the hose to the air inlet of the pump (Port 2 on Fig 1) using the RM 23 nipple and KB 916 seal provided.
- 2.4 Using the KB 48 nipple, connect the second short length of blue hose to the fluid inlet of the pump (Port 3 on Fig 1).
- 2.5 Connect the other end of the hose to the mains water supply or the tank/bowser outlet.
- 2.6 Using the KB 48 nipple and the KB 916 seal, connect the longest blue hose to the fluid outlet of the pump (Port 4 on Fig 1) and run it along the length of the blast hose, securing it with hose ties or tape.
- 2.7 Using the third RM 23 nipple and the other KB 916 seal in the kit, connect the other length of the hose to the tap on the KB 925 nozzle holder or the needle valve on the WIN nozzle feed hose, whichever option has been supplied.

3.0 Operating procedure

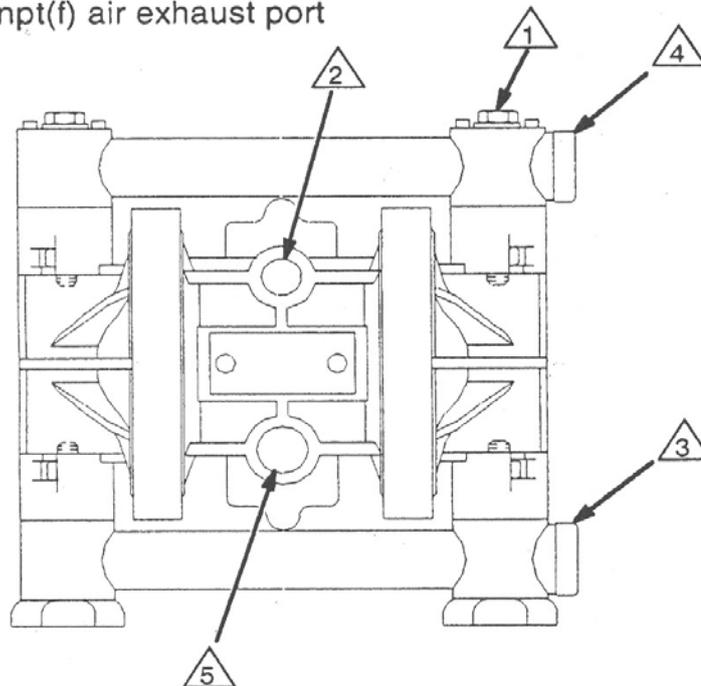
- 3.1 Turn on the mains water supply or the tank/bowser valve as appropriate.
- 3.2 Ensure that the tap on the KB 925 is closed (handle against the flow) or the needle valve behind the WIN nozzle is shut off.
- 3.2 Turn on the air supply to the blast cleaning machine and to the pump which will begin to operate.
- 3.3 Gradually open the tap on the KB 925 or the needle valve behind the WIN nozzle (where appropriate) until the pump primes the hose and the correct amount of water is mixed with the air/abrasive stream.
- 3.4 To turn off the water, close the valve on the KB 925 or shut off the needle valve behind the WIN nozzle. N.B. The pump will stall.

4.0 Recommended Spares

Part No	Description	Qty
239 952	Air valve kit for pump	1
D03255	Pump repair kit	1
Hose 7c	10m of 1/4" hose	1
Hose 7d	20m of 1/4" hose	1
Hose 7b	1.5m of 1/4" hose	1
Hose 7b1	2m of 1/4" hose	1
RM 23	1/4" x 1/4" nipple	2
KB 48	3/8" x 1/4" adapter	1
KB 916	1/4" seal	2

5.0 Detail of pump inlets and outlets

- 1 Apply thread lube, and torque to 50 to 60 in-lb (5.6 to 6.8 N-m). Do not over-torque.
- 2 1/4 npt(f) air inlet
- 3 3/8 npt(f) fluid inlet
- 4 3/8 npt(f) fluid outlet
- 5 3/8 npt(f) air exhaust port



Note: the pump is supplied with fluid inlet and outlet ports facing the same direction. If required, the direction of one or both fluid ports may be changed. See Owners Manual 308 553.