

C90 descaling and flushing pump



The high performance C90 with instantaneous flow reverser, descales plastics machinery, oil coolers, mould tools, extruder barrels and pipework more effectively, in less time.

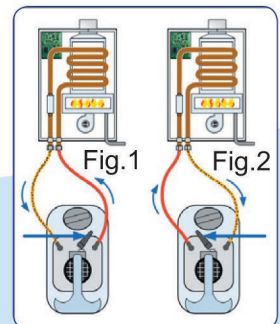
- High performance to enable descaling of severely fouled equipment.
- Descaling chemicals safely contained at all times within integral tank.
- Acid proof.
- Instantaneous flow reverser for increased efficiency.
- Integral fresh water flush facility.
- No seals to leak; run dry capability; maintenance free.
- Complete with hoses and fittings.
- 57 litre tank.
- Portable - large diameter wheels for use anywhere on production floor.
- Supporting range of RYDLYME descaling chemicals.

Regular mould tool waterway maintenance is a proven way to ensure minimum cycle times and fewer product rejects.

The advantages of flow reversal when descaling and chemical cleaning

During descaling limescale dissolves with the evolution of gas. The resulting effervescence and foaming can create a barrier which impedes, and in some cases prevents descaling chemical from further reaction with the deposits. Reversing the direction of flow and return with the flow reverser (see Fig.1 and Fig.2) allows the foam and gas

to discharge through the tank, eliminating the barrier effect. Apart from allowing deposits to be attacked from both sides, penetrating and breaking up their structure and speeding the descaling process considerably, flow reversal often enables previously blocked tubes and heat exchangers to be successfully descaled.



C90 technical data

Electric motor	0.75 HP, IP55 rating, 220 or 110 volt	Flow and return hoses	2 x 5 metre hoses, 19 mm I.D. re-inforced PVC
Tank capacity	57 litres (12.5 gallon)	Hose end fittings	3/4" BSP x 19 mm brass hose couplings
Max. flow rate	150+ l/min	Dump hose	1 x 8 metre, 19 mm I.D. re-inforced PVC
Max. head	24 mt	Overflow hose	1 x 3 metre, 19 mm I.D. re-inforced PVC
Chemical handling ability	All commercially available acids, alkaline solutions, chlorine solutions	Water inlet hose	1 x 8 metre ultra tough water hose pipe
Max. temperature	75° C.	Weight (without hoses)	22.5 kg