

Applications for SCALEBREAKER descaling and chemical cleaning pumps

	Recommended Scalebreaker pump model				
	C15 Auto	C20	C40	C90	C210
Domestic applications					
Hot water cylinders	✓	✓	✓		
Boilers (both floor & wall mounted)	✓	✓	✓		
Combination boilers	✓	✓	✓		
Multi-point water heaters	✓	✓	✓		
Radiators, flushing heating systems & pipework	Use Clearflow version of C40/C90/C210 pump				
Commercial & Local / Health Authority applications					
	C15 Auto	C20	C40	C90	C210
Steam & hot water package boilers					✓
Sectional boilers			✓	✓	✓
Modular boilers	✓	✓	✓		
Calorifiers to 2000 litres capacity			✓	✓	✓
Calorifiers above 2000 litres capacity					✓
Air conditioning chillers			✓	✓	✓
Condensers			✓	✓	✓
Fan coil units	✓	✓	✓		
Versatemp units	✓	✓	✓		
Heat pumps	✓	✓	✓	✓	✓
Plate heat exchangers	✓	✓	✓	✓	✓
Shell & tube heat exchangers			✓	✓	✓
Bed pan washing machines	✓	✓			
Distilled water plant	✓	✓			
Direct fired storage water heaters (Andrews, Lennox, State, A O Smith, Prometheus, Beaumont, Lochinvar, Johnson & Starley etc)			✓	✓	✓
<i>exact model chosen will depend on size / water capacity of equipment being descaled</i>					
General industry applications					
	C15 Auto	C20	C40	C90	C210
Package boilers					✓
Steam generators, vertical & horizontal			✓	✓	✓
Heat exchangers - plate & tubed			✓	✓	✓
Catering equipment	✓	✓			
Furnaces & water cooled quench tanks		✓	✓		
Air compressor cooling systems			✓	✓	
Dynamometers			✓	✓	✓

	Recommended Scalebreaker pump model				
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General industry applications (continued)					
Cooling towers and pipework				✓	✓
Induction & vacuum furnace cooling circuits	✓	✓	✓		
Welding machine electrode cooling circuits	✓	✓			
Vacuum metallising chamber cooling coils	✓	✓	✓		
Water cooled rollers		✓	✓	✓	
Soap extruders	✓	✓	✓		
Water cooled platens	✓	✓	✓	✓	
<i>exact model chosen will depend on size / water capacity of equipment being descaled</i>					
Chemical process plant applications					
	C15 Auto	C20	C40	C90	C210
Heating & cooling jackets	✓	✓	✓	✓	✓
Ball mills	✓	✓	✓		
Grinding mills	✓	✓	✓	✓	✓
<i>exact model chosen will depend on size / water capacity of equipment being descaled</i>					
Plastics & rubber processing industry applications					
	C15 Auto	C20	C40	C90	C210
Extruder barrels	✓	✓			
Injection & extrusion machine oil coolers	✓	✓	✓		
Mould tools	✓	✓	✓	✓	✓
Hopper throats	✓	✓			
Cooling towers & pipe work					✓
Temperature controllers	✓	✓			
<i>For descaling mould tools used on machines up to approx 250 tonnes, C15 or C20 are a good choice. Very large mould tools may require the Scalebreaker C210 descaling pump.</i>					