

ECB Range

Long Coupled Chemical Pumps



Capacity to 240 m³ /hr

Head to 80 metres

Heavy Duty

Rugged Construction

**Long Coupled
To ISO 2858**

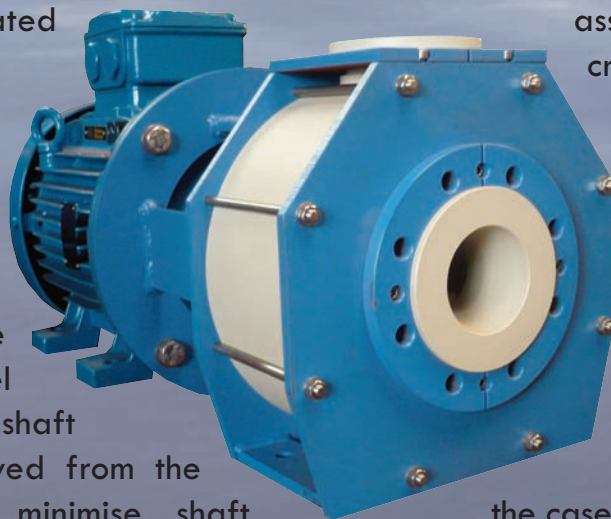
**Corrosion Resistant
Non - Metallic**

The development of the EC series of corrosion resistant pumps is based upon almost 30 years experience of manufacturing plastic pumps for the most arduous of applications in the chemical, pharmaceutical, water treatment and associated industries.

All wetted parts are machined from solid blocks of plastic for the ultimate in robust construction, but all pipeline forces are absorbed by a rugged steel shell. The stainless steel shaft (which is completely sleeved from the liquid) is oversized to minimise shaft deflection and increase the life of the mechanical seal. There is a separate shaft sleeve which is mechanically driven so relieving any additional stress imposed on the impeller, this also results in cost effective spare parts as

and when the time comes for replacement.

A wide range of mechanical seals can be fitted including an external PTFE bellows type for clean acids, double pressurised seal assemblies for handling crystalline or abrasive solutions and single internal seals for less demanding duties.



Semi-open impellers are fitted as standard where the impeller is secured to the shaft to prevent unscrewing in the case of start-up in the wrong

direction.

Suction lifts up to 4 metres can be achieved by utilising a priming pot on the suction side.

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Crest Pumps

Construction	Polypropylene, PVC, PTFE, PVDF, 316 Stainless Steel
O-Rings	Viton as standard with other materials available
Shaft	316 stainless steel sleeved by plastic
Mechanical Seal	Wide range available depending on application
Suction	Usually flooded - Suction lift up to 4m can be achieved with a priming chamber
Flanges	BS4504 PN16 as standard but can be drilled to specification
Motors	Metric frame. All variants including TEFV, Eexd, Eexe etc

