



CSS

Capacity <65 m³/hr

Head <40 meters

750mm Column

Run Dry Design

Corrosion Resistant

FEATURES

- Choice of Durable Materials + + 500mm to 750mm
- Minimal Maintenance + + No bearings
- Heavy Duty design + + Cantilever shaft design
- Built to your specification + + Non-Metallic

Heavy Duty Design

The CSS range of plastic vertical pumps are a cantilever design, offer a totally reliable and trouble free operation because the CSS range features no immersed bearings, the pump can run-dry indefinitely without damage.

Bearings aren't required at the bottom because of the oversized shaft which adds extra stability to prevent shaft whipping. This makes the CSS range ideal for sump emptying, recirculation, effluent treatment and fume scrubbers.

Design Flexibility

The CSS range is available in Polypropylene, PVC, PVDF or 316 stainless steel, for ultimate corrosion resistance to harsh applications. The O-rings are available in Viton, EPDM or Kalrez.

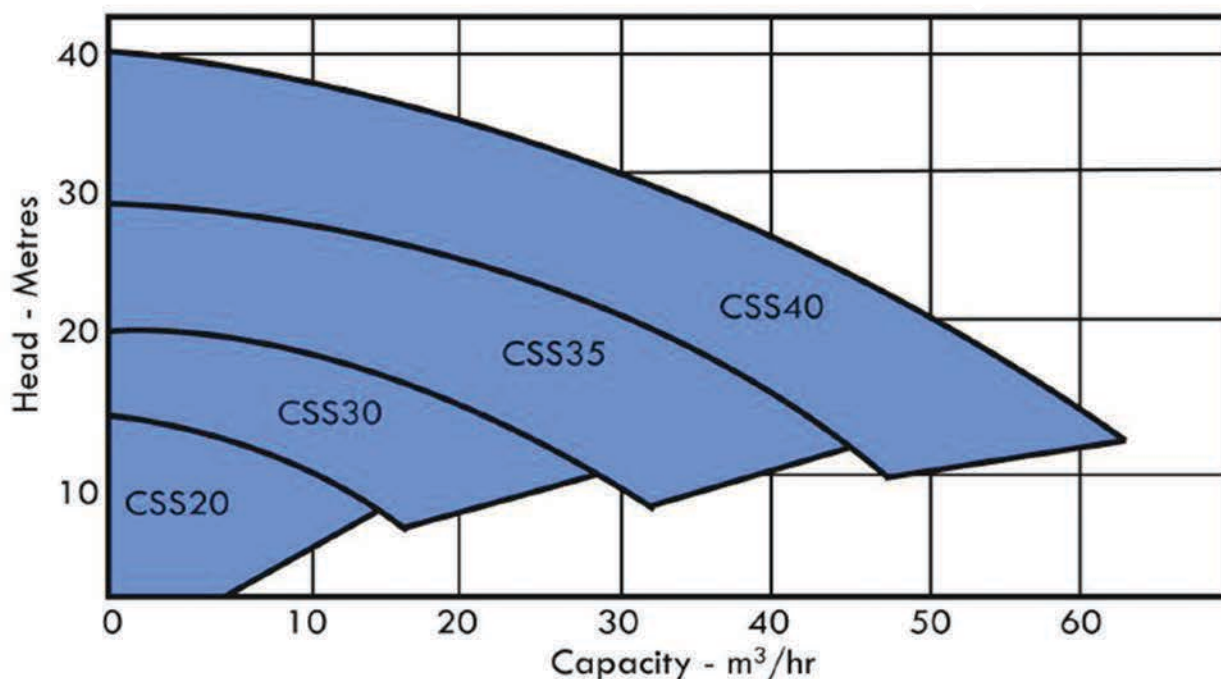
The support column is fabricated and incorporates a double skinned, heavy duty tube arrangement making the CSS range of pumps exceptionally rugged and robust.

Minimal Maintenance

Maintenance is virtually eliminated due to the absence of immersed pump bearings.

However, when the time does come for an overhaul, a minimum number of parts and the simplicity of the design makes for an absolute minimum of down-time.

Model Curve



Specifications

Model	Suction /Discharge	Speed	Rated Capacity	Rated Head	Max Capacity	Max Head	Motor Output	Best Efficiency
CSS	Mm*mm	Rpm	M3/hr	M	M3/hr	M	Kw	%
20	1.5*1.25	2900	9	9	16	13	1.5	50
30	2*1.5	2900	15	16	28	18	3	50
35	2.5*2	2900	30	22	50	28	5.5	50
40	2.5*2	2900	30	34	60	40	11	50

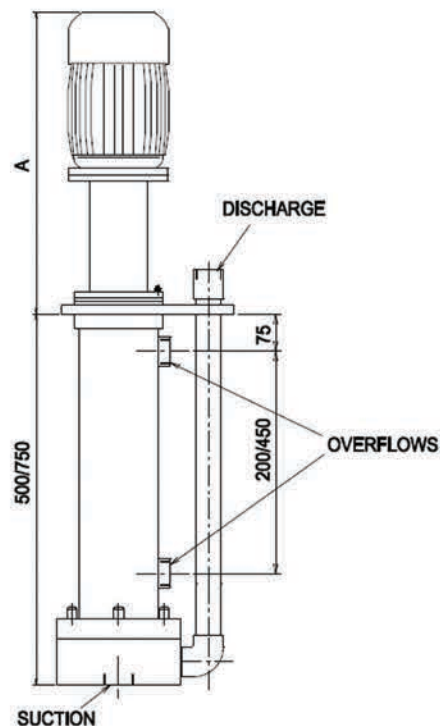
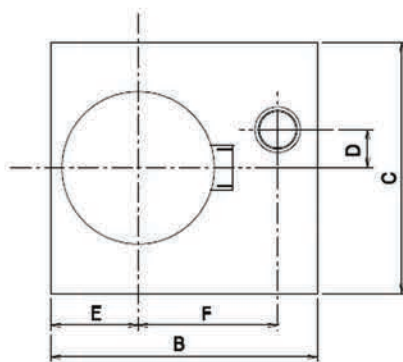
No Obsolete Part Policy

Our whole range of Vertical Plastic Pumps come with our **No Obsolete Parts** policy guarantee. Meaning if you have your Crest made pump for 40 years, we will still be able to provide you with parts and an exact replacement to minimise disruption your production line.

Contact us for a quote!

Crest Pumps ensure an extremely quick turnaround time on our CSS range. All CSS pumps can be built to your specification.

Dimensions



Dimensions Table

PUMP TYPE	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
CSS20	*	330	30	45	54	154
CSS30	*	330	330	50	50	165
CSS35	*	480	480	63	113	202
CSS40	*	480	480	72	108	207

* Dependent on motor size

APPLICATIONS

Chemical



Food & Beverage

Pharmaceutical



Water Treatment



Crest Pumps
Chemical Pumping Solutions

CSS

Royal DSM

The Royal DSM is a global science based company manufacturing health nutrition equipment and materials.

The Royal DSM submitted an enquiry to Crest Pumps for a heavy duty cantilever pump that could run-dry without damage due to a previous pump failure.

The Royal DSM needed the vertical plastic pump to fit with existing pipework, mounted internally to alleviate spacing issues and the pump needed to be delivered within 3 weeks.

Crest supplied a CSS30 in the corrosion resistant polypropylene material with a strainer included within the 3 weeks deadline to ensure that the customer did not experience any downtime.



PREVIOUS CLIENTS



DSM



Biffa



WHY CREST?

To make sure your production line stays as smooth and as efficient as possible, Crest Pumps Group offer a 'One Stop Shop' for all your business requirements, making sure every pump is tailored to your exact specifications.

Experience

Our 40+ years experience manufacturing, supplying and distributing chemical pumps means we have seen and learnt from all types of pumping system problems. Highly experienced and skilled engineers are on hand to help you with your application.

Ex-stock

To ensure minimal down-time for your business, we are always increasing our stock-holding levels to provide quick deliveries, usually within 24 hours.

Family

Your satisfaction is our number one priority. We are proud to be a family business that is focused solely on supplying excellent service at a competitive price.

Versatility

Any Crest Pump can be built to your exact specification! Our British and unique in-house manufacturing plant allows us to tailor our pumps to your requirements – No modification too big!

"I have been using Crest Pumps for over 30 years, I have found them to be extremely reliable, even on the most aggressive and corrosive applications. I am very happy with their service and I am delighted to endorse their product range".

MR. W - GEE & CO

"Crest have listened to our needs carefully at the enquiry stage and helped us to select the most appropriate pump for performance and cost. We have received excellent support on repairs and spares support"

MR. B - CASTLE ENVIRONMENTS