



CASTLE PUMPS LTD

Whatever the process, we have the pump

Industrial and Marine Pump Solutions



Company Profile



Castle Pumps have longstanding experience in the industrial pump market. Our specialist knowledge, combined with the relationships we have built with many manufacturers, enables us to specify pumps that meet our clients' exact requirements.

Whether you know the exact pump you require, the performance needed, or solely the application for which you require a pump, we pride ourselves on being able to service you effectively.

Our slogan, "Whatever the process, we have the pump", signifies that we can supply any type of pump, for any type of application. Whether you require a centrifugal pump or a progressive cavity pump, a pump for water or a pump for treacle, we will source your product.

Specification & design

We offer more than off-the-shelf products, we specify and design solutions based upon your individual application requirement, and provide custom packaged pump sets complete with filters, flow meters, control panels and other accessories to suit your requirements.

Technical advice

If you are unsure on how to solve an application speak to our sales engineers. Due to our extensive experience we have probably already found a solution to your issue with another client. We can also help explore your application, suggest ideas and offer more than one solution.

Troubleshooting

If you are currently experiencing issues with your pump our technical team will be happy to help. We can help diagnose issues over the phone, or visit site if required to troubleshoot current problems.



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Pump Options

Due to the vast options available, Castle Pumps can put together solutions for a variety of applications within different industry sectors.

We have years of experience in providing industry-specific solutions and products tailored to individual market requirements.



WASTE WATER & SEWAGE



FOOD & DRINK



CHEMICAL PROCESSING



MARINE



PHARMACEUTICAL & COSMETICS



OIL & GAS



POWER GENERATION



BUILDING SERVICES



MANUFACTURING

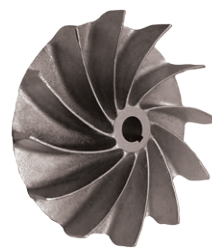


MINING

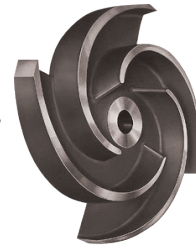
Impeller types

We offer various impeller types depending upon the fluid being pumped and the presence of solids, as well as impellers trimmed to a specific duty point so that a pump is able to operate at its best efficiency point.

Options available include; open and semi-open impellers for handling soft particles; closed impellers for high efficiency and volatile, explosive fluids; vortex impellers for stringy solids and liquid with debris; cutter impellers for cutting up liquids with large amounts of solids; and mixed flow impellers.



VORTEX IMPELLERS



OPEN IMPELLERS



CLOSED IMPELLERS

Material choices

To ensure that regardless of the fluid being handled we can supply a compatible pump, we offer a full range of materials. These include, but are not limited to; cast iron, ductile iron, 304 stainless, 316 stainless, duplexes, bronze, and plastics such as PP and PVDF.

On request pumps can also be supplied with various material certifications including 2.1 and 3.1 Material Certifications, and in 3A, EHEDG and FDA compliant materials for handling food and pharmaceutical products.



CAST IRON PUMPS



STAINLESS STEEL PUMPS



BRONZE PUMPS

Drive options

Depending on the application and installation at hand, we can supply pumps with a number of drive options. As well as common electric motors, which we can supply in various voltages and frequencies, we also offer pumps with hydraulic motors and diesel engine driven motors.



HYDRAULIC DRIVE



ELECTRIC DRIVE



ENGINE DRIVE



Pump Types



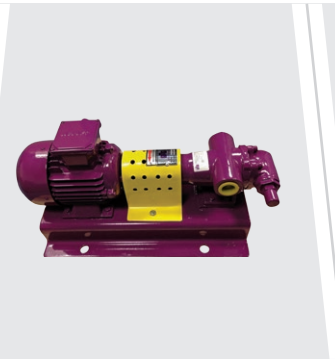
AOD PUMPS

Max Head:	70m
Q Max:	54m³h
Max Temp:	95°C
Ports:	DN8-100



PROGRESSIVE CAVITY PUMPS

Max Head:	480m
Q Max:	550m³h
Max Temp:	180°C
Ports:	DN25-300



GEAR PUMPS

Max Head:	140m
Q Max:	250m³h
Max Temp:	350°C
Ports:	DN15-250



VERTICAL IMMERSION PUMPS

Max Head:	95m
Q Max:	1600m³h
Max Temp:	95°C
Ports:	DN40-300



CENTRIFUGAL PUMPS

Max Head:	250m
Q Max:	6500m³h
Max Temp:	230°C
Ports:	DN25-250



VERTICAL INLINE PUMPS

Max Head:	130m
Q Max:	4000m³h
Max Temp:	120°C
Ports:	DN50-400



SELF PRIMING PUMPS

Max Head:	150m
Q Max:	4000m³h
Max Temp:	120°C
Ports:	DN25-400



SPLIT CASING PUMPS

Max Head:	180m
Q Max:	6000m³h
Max Temp:	110°C
Ports:	DN65-600



MULTISTAGE PUMPS

Max Head:	550m
Q Max:	1000m³h
Max Temp:	140°C
Ports:	DN40-150



SIDE CHANNEL PUMPS

Max Head:	350m
Q Max:	35m³h
Max Temp:	90°C
Ports:	DN25-65



SCREW PUMPS

Max Head:	500m
Q Max:	450m³h
Max Temp:	160°C
Ports:	DN25-250



VANE PUMPS

Max Head:	50m
Q Max:	100m³h
Max Temp:	250°C
Ports:	DN25-100



BARREL PUMPS

Max Head:	20m
Q Max:	220l/min
Max Temp:	120°C
Ports:	DN25-50



LOBE PUMPS

Max Head:	150m
Q Max:	107m³h
Max Temp:	150°C
Ports:	DN25-250



BOREHOLE PUMPS

Max Head:	670m
Q Max:	470m³h
Max Temp:	60°C
Ports:	DN25-150



SUBMERSIBLE PUMPS

Max Head:	123m
Q Max:	1600m³h
Max Temp:	60°C
Ports:	DN50-300



FLEXIBLE IMPELLER PUMPS

Max Head:	32m
Q Max:	72m³h
Max Temp:	100°C
Ports:	DN20-100



PERISTALTIC PUMPS

Max Head:	150m
Q Max:	36m³h
Max Temp:	135°C
Ports:	DN25-100



CHEMICAL PROCESS PUMPS

Max Head:	130m
Q Max:	150m³h
Max Temp:	250°C
Ports:	DN25-400



DOSING PUMPS

Max Head:	200m
Q Max:	80l/hr
Max Temp:	40°C
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PISTON/PLUNGER PUMPS

Max Head:	6900m
Q Max:	72m³h
Max Temp:	115°C
Ports:	DN8-200



BOOSTER SETS

Max Head:	200m
Q Max:	10,000m³h
	Variable & Fixed Speed
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FIRE PUMP SETS

Max Head:	150m
Q Max:	2600m³h
	NFPA 20 Compliant
	ULFM Approved



SKID SYSTEMS

	As per customer requirements
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Worldwide Shipping



Castle Pumps have over 30 years of experience in the global export market; supplying industrial pumps and accessories into over 95 countries worldwide. We have first-hand knowledge of export requirements and restrictions, giving you confidence that there will be no delays in the dispatching of your goods.

Multi-lingual sales engineers

We have fluent French and Spanish speaking technical sales engineers on hand to assist with enquiries and projects from non-English speaking clients. We are happy to liaise with you by email, phone and Skype depending upon which is more convenient for you.

Shipping

We are able to ship your goods worldwide via air, sea and road using IATA, BIFA and RHA accredited members. The option is also available for clients to arrange their own carriers to collect goods from our premises. We ensure that our goods are packed in accordance with ISPM15, and can also be packed complete with any required shipping marks.

All of our quotations are made according to the Incoterms chart of responsibility, ensuring that the outline of costs is clear from the outset.

Export documentation

Castle Pumps are able to provide clients with the various items of documentation that are often required for exported goods. These include:

- Certificate of Origin certified by the local chamber of commerce, or the client's nominated chamber
- Certificate of Conformity
- 3.1 Material Certification
- 2.1 / 2.2 Declaration of Compliance / Statement of Compliance
- Performance witness testing by third party including Lloyds, RINA, ABS, Bureau Veritas, DNV
- EUR 1 Movement Certificate

