

## General Pumps

### Overview

Pumps and Equipment (Warwick) Ltd. are not only specialists in the supply of coolant and high pressure pumps but also have a wealth of knowledge in the supply of centrifugal, special purpose and sump pumps.

### » Centrifugal Pumps



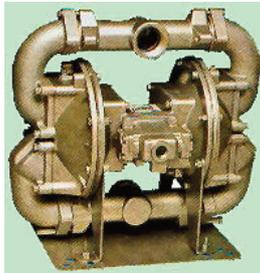
A centrifugal pump works by imparting energy to a liquid through a rotating impeller. Centrifugal Pumps are widely used due to their high efficiency, wide-ranging capacity, good reliability, design simplicity, and ease of maintenance.

Their design is ideally suited for a number of applications, from dirty to clean water.

Pumps & Equipment are able to supply a wide range of centrifugal pumps from stock - see:

- » Sacemi
- » Brinkmann
- » A-Ryung
- » Lowara
- » Grundfos
- » Dab

### » Diaphragm Pumps



A diaphragm pump is a type of positive displacement pump, and works by forward and backward displacement of a diaphragm which in turn displaces the liquid or gas being pumped.

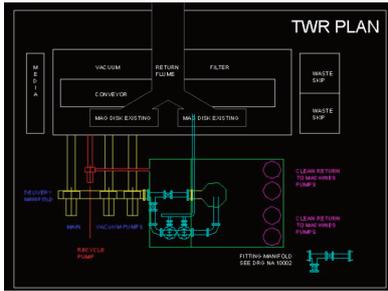
They are widely used for handling contaminated fluids, gases, and highly viscous fluids. They are capable of pumping at varying rates based on pump size selection and air flow supply.

Pumps and Equipment are able to supply a wide range of diaphragm pumps of various designs and sizes to suit most pumping applications.

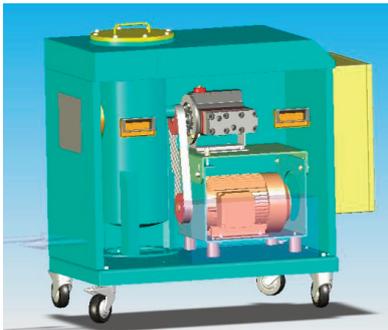
Pumps and Equipment are also able to provide a full range of spares and service capability.

Pumps & Equipment are able to supply a wide range of diaphragm pumps from stock.





AutoCad example



SolidWorks example

## » Special Purpose Pumps

Pumps and Equipment undertake to design and manufacture special purpose products to suit the customers requirement. These products can vary from small machine tool applications, one-off/several-off, to large installations.

Products are designed and approved by the customer before manufacture. All designs are produced in AutoCad and SolidWorks.

Manufacture and production of the unit usually incorporates full electrical and mechanical design. The electrical panel is usually plug and play, and is fully tested for functionality prior to despatch from our works.

Offered with this type of product is full installation from our expert team, incorporating electrical/mechanical interfacing, commission and test, and all relevant training.

## » Sump Pumps

An alternative description for coolant pumps, sump pumps come in two basic variants:

- » up-right (sometimes referred to as pedestal)
- » submersible

Sump Pumps are also available for handling heavily contaminated liquids and are ideally suited for agricultural applications. Other applications of sump pumps include draining flood damaged properties and clearing out ponds.

Pumps and Equipment are able to supply a wide range of sump pumps of various designs and sizes - see:

- » Sacemi
- » Brinkmann
- » A-Ryung

Please contact the office for more information about sump and submersible pumps.

