

Multistage pumps can be found in a number of applications from feeding boilers, water supply to high rise buildings, irrigation plant or conveying hydrocarbons – in fact anywhere that high pressures are required.

The working's of the pump is simple, in fact the pressure increase is due to the liquid flowing through impeller – diffuser groups that are assembled onto a common shaft in series.

From an energy point of view, it is important that high efficiency impellers and diffusers are used as the installed power of motors can vary from manufacturer to manufacturer.

The Pump Company Ltd can offer two types of multistage pumps :-

The **SAER Elettropompe** CWM series, is a range of **vertical** pumps, this space saving arrangement is available with in-line connections.

With a pressure rating of up to 40 bar and a maximum temperature of 120 °C there is a choice of either stainless steel or brass impellers, the pressure retaining parts are enclosed in a stainless steel tube.

The **Salvatore Robuschi** TS series, is a range of **horizontal** ring section multistage pumps, manufactured in high grade cast iron. The impellers and diffusers are mounted on a stainless steel shaft and include back vanes to balance the axial thrusts.



This 40 bar pump has the benefit of a choice of sealing arrangements, from a cooled packing box to a double mechanical seal for toxic or inflammable liquids.



The Pump Company Ltd have recently supplied both vertical and horizontal units where the high efficiency of the pumps has resulted in smaller motors being fitted, giving a reduction in power consumption.

Another example of providing :- **“Solid Answers to Fluid Questions”**.

Further details of these pumps can be found by clicking on the following links –

SAER Elettropompe CWM vertical multistage pumps

http://www.thepumpco.co.uk/multistage_files/vertical_centri.htm

Salvatore Robuschi TS horizontal multistage pumps

http://www.thepumpco.co.uk/multistage_files/horizontal_robuschi.htm



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