

SUBMERSIBLE SEWAGE PUMPS: C Series

Tsurumi C-series pumps are heavy-duty, submersible cutter pumps for sewage and wastewater, which are made of casting iron and equipped with cutting mechanism. Featuring a combination of impeller vane with brazed sintered tungsten carbide alloy edge and a suction cover of serrated shape, the C-series pumps enable smooth pumping, while cutting fibrous solid objects during suction. These pumps have been used to drain sewage and wastewater from buildings and kitchens, and to transfer sewage and wastewater in water treatment facilities of factories and commercial complexes for many years.



The C-series comes in a wide product lineup, covering discharge bore diameters of 50 to 200 mm and motor outputs of 0.75 to 37 kW. Among the C-series pumps, "CR" models are available as highly durable cutter pumps, whose impeller and suction cover are made of high-chromium cast iron as a standard feature. Available in 2 poles, 4 poles and 6 poles, C series pumps can achieve maximum head of 70 m and maximum flow rate of over 7m³/min.



Seawater-Resistant Version

Seawater resistant galvanic anodes and special impeller are available which can be attached to standard C pumps for operation in seawater.

High Temperature Liquid

Standard Tsurumi pumps are designed to operate with up to 40°C temperature of pumping liquid. However, there are requirements where the site may be near to hot spring or volcanic activities, or some other sources of heat like power plants or ironworks that raises the water temperature. For such applications, C series pumps can be customized into high temperature liquid handling versions for up to 80°C liquid temperature.