

Stop using filters...remove solids from any liquid with a Magnum continuous flow, self cleaning centrifuge.

Magnum CFC 1000 Centrifuges are high quality units engineered for the super efficient separation of solids from liquids. The rotating stainless steel bowl is dynamically balanced for extra smooth operation, encased by heavy machined cast bowl and lid including 4 point dampeners for vibration isolation.

The Magnum Centrifuge is able to separate solids from industrial cutting and grinding oils, synthetic coolants, waste lube oils, emulsions, solvents, waste vegetable oil, and many other industrial processes.

Also algae from water.

Operation.

The Magnum CFC 100 Centrifuge works with the use of centrifugal force, allowing separation of any solid particles from liquid. The centrifugal force has a maximum 3,000 gravities. The separation of solids is greatly improved when the liquid is exposed longer to the centrifugal force. This can be achieved by simply slowing the supply rate to the centrifuge. Extended retention time enables improved clarity and cleanliness in the end product.

The liquid is fed through an inlet connection in the lid of the centrifuge, entering directly into the rotating bowl where the centrifugal force then throws the solids out of the liquid and to the side of the bowl. The solid content then becomes compacted as a sludge mixture, and the clean liquid then flows up the centre of the bowl and discharges by gravity through a 2" outlet at the bottom of the Centrifuge. The solids left in the bowl can then be removed manually or ideally removed automatically by means of the self cleaning device.

Typical Flow Rates

Flow rate given are an indication only and is subject to several factors such as viscosity of liquid, temperature of liquid, percentage of solids PPM (parts per million), particle size in microns and difference in specific gravity.

Machine and Grinding Coolant 1000 GPH

Waste Water 1000 GPH

Gold and Silver Recovery 160 GPH

Waste Motor Oil 80 GPH

Waste Vegetable Oil 400 GPH

The units are cost effective, many paying for themselves within a few months. Their superior design offers improved performance, a longer trouble free operating life, and provides low maintenance more so than any other centrifuge available on the market today.

Fully Automated

Self Cleaning

Compact Design

One Pass Separation

4 Point Vibration Isolation Super

Quiet Operation

No Wearable Parts



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