Ebbco Closed Loop System

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EBBCO-CLS

ACCESSORY SPEC

A metalworking filtration solution designed for industrial use

Benefits

There are five main reasons why a closed loop system should be considered for your abrasive waterjet systems.

❶ Reduce water consumption drastically — usually only 2%–10% of normal usage.

❷ System can be configured so no dissolved solids go to drain. All over-flow water can be filtered and reused.

❸ The small amount of make-up water needed is treated before it goes to the high-pressure pump.

❹ Temperature control: the Closed Loop System cools water returned to the high-pressure pump improving pump seal life.

❺ If maintained properly the Closed Loop System always sends the pump manufacturers desired water quality to the high-pressure pump. The results are reduced pump maintenance and machine tool downtime.

Standard Features

❶ High-pressure feed water polishing system, complete with stainless steel bag pre-filter

❷ Hurricane cartridge filter vessel

❸ Deionizing vessel for TDS control

❹ 1 HP centrifugal system pump

❺ Ozone generator for bacterial control

❻ High-pressure feed pump pre-filter

❼ Chiller

❽ 55 gallon settling weir

System includes filter service beacon and D.I. service indicator.

OMAX is a leader in the design and manufacture of precision computer-controlled abrasive waterjet machining equipment.

For information on what other OMAX products and accessories can do for you, call us today at 1-800-838-0343 or visit our web site at www.omax.com.

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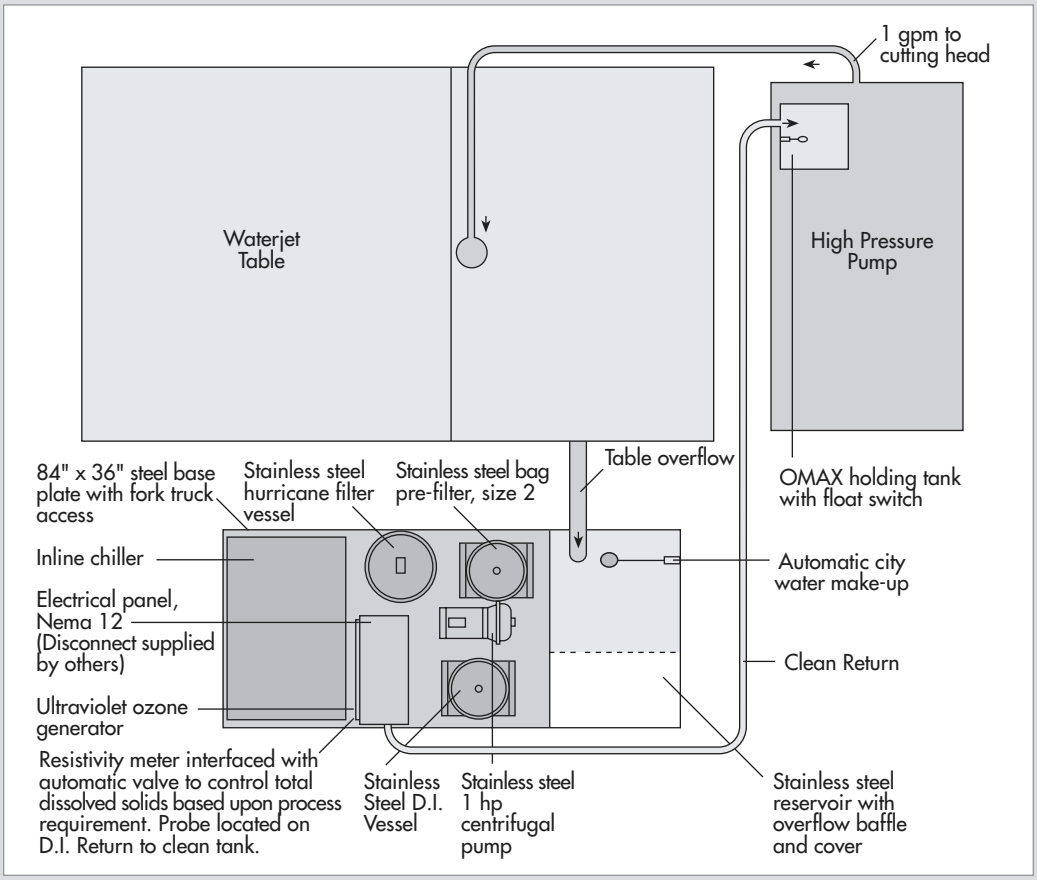

Why your facility could use a closed loop system

No drain in facility or cannot overflow the machine tool to drain:

Water and sewage costs are very expensive: Most places this is not an issue, with water and sewage cost around 1¢–2¢ per gallon or less.

However, some areas are paying between 6¢ and 8¢ per gallon.

Depending on location, water quality can be poor with total dissolved solids (TDS) between 300 and 800 ppm. This water must be treated before it goes to the high-pressure pump.

NOTE: a waterjet using 1 gpm running 50 hours per week for 50 weeks per year will use 150,000 gallons of water.

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