Waterjet Filtration
Closed Loop Filtration

Ebbco inc.
WATERJET FILTRATION
The Closed Loop Polishing system for Waterjet tables is designed to filter and treat overflow water for reuse. Completely assembled on a carbon steel base, this system can be fitted for single or multiple cutting heads. The system incorporates a stainless steel filter pump, a stainless steel reservoir with clean/dirty sides, Stainless Steel Filter Housings and a Stainless Steel Delivery Pump. The Waterjet table overflows into a setting weir where most of the sludge is settled out before going to the filter system. The Water then enters on the dirty side of the Reservoir, the Filter pump sends the water through a 1 micron filter bag to a 0.35 Micron Filter Cartridge. The water is sent through a chiller or heat exchanger to remove the heat from the machining process. The water then enters the DI Resin System which will control the TDS of the Water, Finally the water enters the clean side of the systems reservoir. The Clean tank will overflow into the dirty tank to keep constant recirculation of the filtered water. The Main 5 reasons for purchasing a Closed Loop System is to Eliminate the drain completely by recycling the water no dissolved solids are sent down the drain. You will reduce water consumption by 2 to 10% of normal usage. Drastically reduce the requirement for make up water treatments such as reverse osmosis, DI Water or water softeners. The Ebbco closed Loop system uses a small amount of water and treats it before going to the high-pressure pump. Maximize orifice life reducing machine maintenance and maximizing the machine performance. But most importantly protect you high-pressure pump, The Ebbco closed loop system ALWAY supplies the manufactures specified water quality to the high pressure pump which results in reduced pump maintenance and machine down time.

**Specifications:**
- **Power Supply:** 220V/460V 3 Phase
- **Dimensions:** 66” L x 36” W
- **Weight:** 810 lbs. Dry
- **Tank Holding Capacity:** 150 Gallons
- **Recirculatory Rates:** Up to 2 GPM
- **Designed PSI @ Flow:** 40 PSI
- **Full Load Amps:** 10 / 5
**Recommended Spare Parts**

**Vessel #1**
Replacement Filter Bags

25  CLS-I-G2PS-EA – Size 2 Extended Area 1 Micron

**Vessel #2**
Hurricane Filter Cartridge

2  HR-930-Q.35 - 0.35 Micron

**Vessel #3**
DI Resin

2  CLSR-100-PKG - 1 cu.ft. Bag
1  CLS-ERC-1 – Regeneration of 1 cu.ft. Bag

**Final Filter Assembly**

1  CLS-801-0.35

**Prefilter Bag.**

1  CLS-PFB-150

**Seal Kits**

1  CLS-0833-ORL-BC - Bag Vessel
1  CLS-SK-2 – Hurricane Vessel
1  CLS-SK-3 – DI Resin Vessel

**Authorized Distributor:**