



## OMAX Water Recycling System

The OMAX® Water Recycling System reduces water consumption by up to 95% and prevents pulverized abrasive and heavy metals from entering regional sewers and drainage systems. The Water Recycling System addresses the four critical areas of water recycling: suspended solids, dissolved solids, temperature, and organic fouling. The Water Recycling System's advanced filtration works across multiple layers to ensure proper output water quality. The OMAX Water Recycling System is designed to integrate with existing water softeners, reverse osmosis (RO) systems, and deionization (DI) make-up water systems.

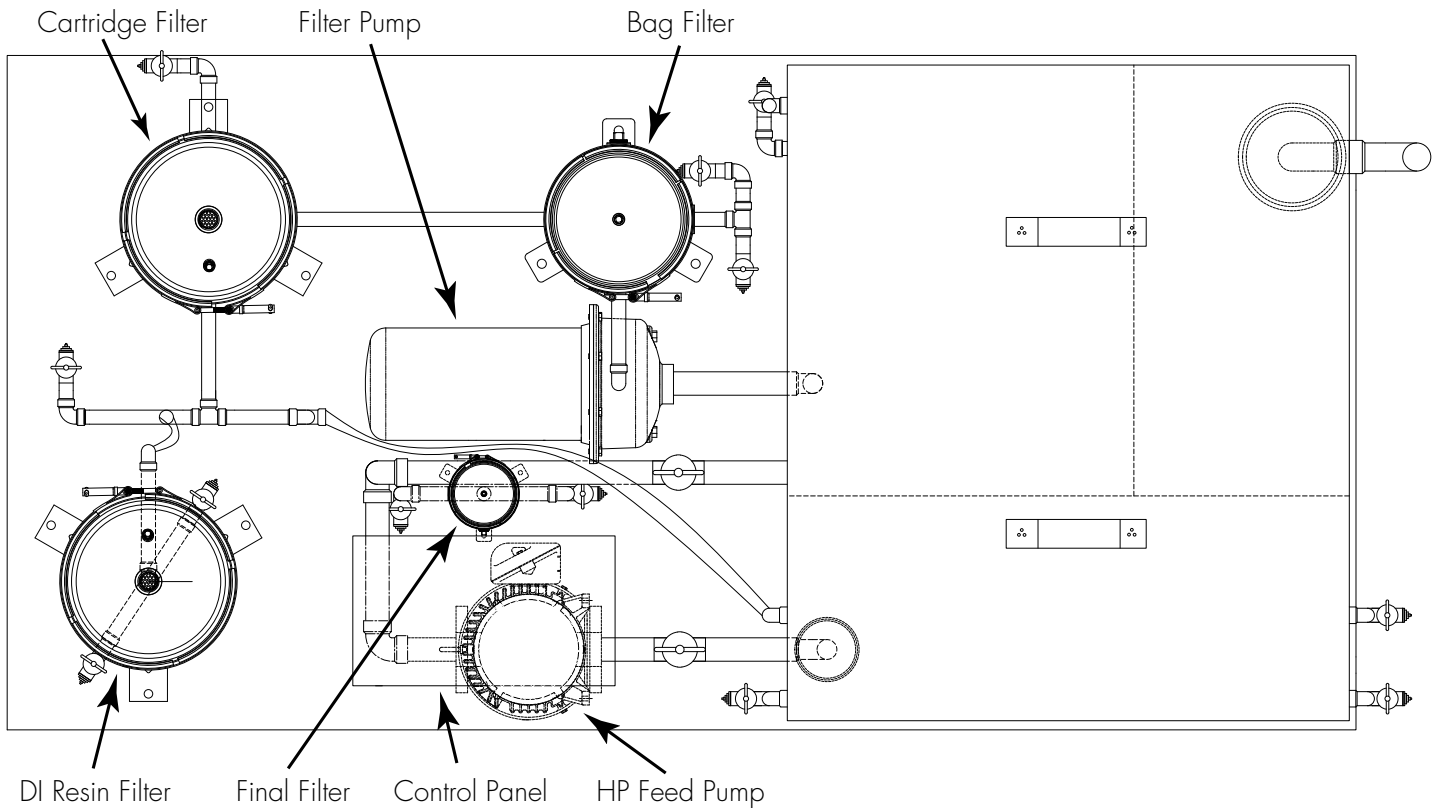
### FEATURES

- Recycles all water used in the cutting and cooling process
- Laminar weir prefilter system
- Bag/cartridge filters for suspended solids
- Resin for TDS/dissolved solids filtering
- Ozone generator for bacteria control
- Separate chiller for heat dissipation
- One micron absolute final filter
- Filter, deionization resin, and low water alarms

### BENEFITS

- Closes the exit drain completely and allows you to reuse the water
- If maintained properly, the Water Recycling System meets the OEM desired water quality sent to the high pressure pump
- Recycles and conditions make-up water to OEM specifications
- Assists in complying to local or state waste authority disposal regulations
- Provides a configurable system so minimal solids are present in the recycled water

# WRS



## BEST APPLICATIONS

The OMAX Water Recycling System is ideal for locations that require additional water handling. This can include poor make-up water quality, high water and sewage costs, or regional water rationing. The Water Recycling System is also useful if the incoming water pressure fluctuates, the facility has no drain, or the drain is not accessible. If the facility is on a well or septic water system, the Water Recycling System is a useful addition to maintaining consistent and reliable input and output water. Companies that are ISO 14000 certified can use the OMAX Water Recycling System to help maintain and improve environmental compliance.

## OPTIONAL ACCESSORIES

- Central water recycling for multiple pumps and/or machines
- Central chiller for multiple pumps and/or machines
- Waste water process system as an alternative to returning water back into the high pressure pump
- Multi-position air handlers for additional inlet water cooling

## REQUIREMENTS

- Inlet water temperature at or below 70° F (21° C)
- Inlet water pressure above 30 psi (2.1 bar)



## ABOUT OMAX

OMAX is the global total solutions provider in advanced abrasive waterjet systems. Our intuitive Intelli-MAX Software Suite simplifies programming and reduces setup times, increasing your productivity. OMAX engineers continue to innovate technology for abrasive waterjet machining, from proven 4th generation pump designs to cutting edge drive systems with micron-level accuracy. With the largest abrasive waterjet support network in the world, OMAX continues to shape the future of waterjets.

To see how an OMAX or MAXIEM JetMachining Center can save you time and money, call or visit our website and request a free part analysis today.

