



We welcome the opportunity to work with you and develop your best solutions!



Standard Features

- ◆ Innovative Machine & Process Configuration
- ◆ Expandable Filter Press Capacity to 20 ft³
- ◆ Clear Water to 90 gpm @ 70 psig
- ◆ Typical Water Quality 1 to 5 Microns
- ◆ Clean Bacteria Controlled Water
- ◆ Steel Cake Hopper
- ◆ Operator Control System
- ◆ Visual Status Indicators
- ◆ Electro Hydraulic Filter Press Actuation
- ◆ Expandable and Upgradeable

Optional Features

- ◆ Advanced Control System
- ◆ Varied Capacity Clear Water Storage
- ◆ Collection Pit Overflow Pump and Controls
- ◆ Consulting, Process Design and Layout
- ◆ Custom Machine and Process Configurations
- ◆ AQUASep™ Gray Water 90 gpm @ 60 psig



**AQUA PRO
SYSTEMS, LLC**

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AquaPro Systems, LLC specializes in water processing and filtration solutions specifically for the stone fabrication industry. We are determined to achieve excellence by listening to you and jointly developing the best solution for your applications.

The AQUAPress™ System

AQUAPress™ systems conserve water, effectively eliminating increased utility costs and enabling a short-term payback. The integrated machines require minimal floor space, save on installation time, are easily transportable and readily accommodate multiple operating features.

The systems incorporate air diaphragm pumps (other pumps available) feeding from the collection pit through the AQUAPress™ system. The clear effluent water is inventoried into a storage tank and continuously circulates with a sterilization process ready for plant distribution. The clear water quality suspended solids are nominally 1 to 5 microns, typically acceptable for most polishing activities. Dried filtrate cakes are conveniently collect into a steel hopper transportable for easy disposal.

AQUAPress™ controls, filter press, pumps and steel hopper are incorporated onto a steel framework ready for immediate installation. The pumps, seals, filters and controls incorporated are robustly designed for harsh environments extending the service life.



Operator Control System (OCS)

The Operator Control System (OCS) requires an operator to monitor, adjust and actuate valves facilitating the press fill and cleaning cycles.

The OCS system utilizes controls to monitor the collection pit, bulk storage tank levels, press fill and plant distribution pumps. The storage tank is typically installed adjacent to the reclamation machine. The storage tank is based on the available floor space and anticipated reserve capacity.

Advanced Control System (ACS)

The Advance Control System incorporates automatic controls to further enhance the system performance and reduce the operator interaction.

The system features PLC controls with a touch screen operator interface, audible and visual indicators displaying the system status. ACS machine cycles are programmable allowing the operator to customize the system operation.

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