

SEMI-PERMANENT MEDIA VACUUM FILTERS

PROVEN TO IMPROVE SURFACE FINISH BY AN AVERAGE OF 27%

Remove Particulate Down to 10 Microns

PRAB's Mon-A-Matic™ semi-permanent media vacuum filter uses a synthetic filter media to reduce operational costs while providing fine particulate removal.



"The reason we purchased PRAB's equipment is because it can keep up with production, it is fully automatic, clean, and very user friendly."

– Gary Sroufe, C&A Tool's multi-spindle "go-to guy"

Mon-A-Matic™ semi-permanent media vacuum filter with two filter manifolds

System Features:

- Semi-permanent back flushable media eliminates cost of maintenance and disposable media
- Removes particulate down to 10 microns
- Backflushes with clean process fluid so no additional fluids or large volumes of air is required
- Automatic drag-out conveyor for removal of solids
- Completely self-contained system
- Available in a variety of models to meet your specific capacity requirements
- Can be used for water-soluble coolant and/or low viscosity oil applications

Top Benefits:

- Prolonged coolant and tool life
- Improved surface finish of the component
- Machine downtime reduced by up to 50%
- Continuous operation
- Simple maintenance and operation

Backed by the **PRAB Difference**

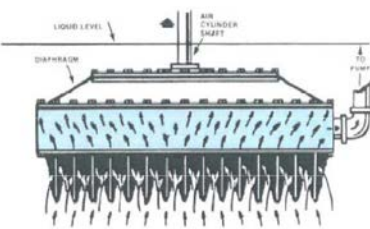
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SIGNIFICANTLY DECREASE MAINTENANCE COSTS

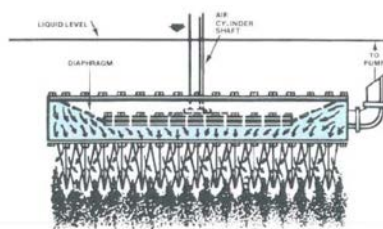
Mon-A-Matic™ System Operation:

Contaminated liquid enters the system through a specially designed inlet and is then held in a process tank. Heavy contaminants settle to the bottom of the tank and are removed via a drag-out conveyor. Suspended inside the tank are filter media manifolds. Vacuum pressure draws liquid through the filter media holding the particulate on the surface. Only clean liquid is allowed to pass through the media and into a clean process tank for return to the machining or grinding operations.

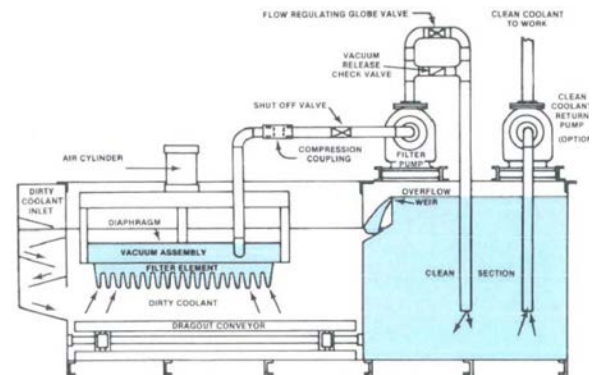
The system automatically senses when the filter media needs cleaning and performs a back-flush cycle. It then performs a back flush cycle. Clean liquid is forced (via an air cylinder and diaphragm) through the filter to dislodge the filter cake. The filter cake then settles to the bottom of the process tank where it is removed by the drag-out conveyor. After the backflush cycle is completed, the filtering process will resume.



During the process cycle, contaminated fluid is drawn up through the filter. Contaminates are held in the filter pleats.



During the back-flush cycle, clean fluid is forced through the filter and contaminants are dislodged.



Typical Layout of a Mon-A-Matic™



A true performance guarantee ensuring your PRAB equipment achieves the specific results it was designed and manufactured to deliver. And if you need technical support, call us. We are available 24/7.

Contact us to **request a quote** today

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