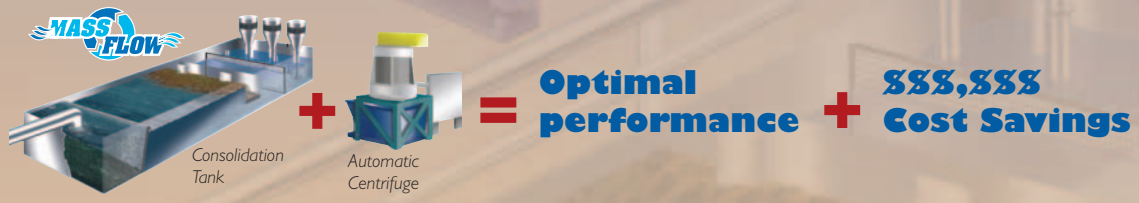
For high volume paint spray and water wash applications

Q&A

Find out about the superior advantages of this patented Sludge Removal System



Process Engineering

Q Why would our paint line require this system?

A It is the 'next generation' in sludge removal. MassFlow™ is a flexible, forgiving system that will work cost effectively into your future plans, The system and process combines a self-cleaning and maintenance-free MassFlow™ collection/floatation tank with an automatic centrifuge. Together, they optimize sludge removal performance with lower costs.

Q What makes this sludge removal system different from other systems?

A Patented design enhances the ability of the centrifuge to remove paint sludge. MassFlow™ reduces capital expense and overall operating costs.

Q What else is different about this unique system and process?

A There are four significant improvements using the patented engineered process. 1) Control of the water level in the recovery/collection tank keeps spent paint from fallout and clogging flow. 2) The system allows tremendous flexibility for chemical feed points to provide maximum coagulation reactions for your paint volume. 3) The collection tank has highly efficient weirs to create proper agitation forces in the flow. 4) The system is continuously self-cleaning and maintenance-free. It eliminates sediment problems and can cut manual labor required for clean out to once per year.

Q Can this system be installed for an existing paint booth system or only in a facility with a new paint booth installation?

A The system is custom engineered and designed to meet the specifications you require. Therefore, it can be installed either in a new or existing booth.

KMI SYSTEMS, INC.

engineered design solutions
and turnkey installations

Q&A

Get payback within one to two years on this patented MassFlow™ Sludge Removal System

Process Engineering cont.

Q What design parameters work in currently operating installations?

A An effective design setup utilizes two collection tanks with one centrifuge. In this configuration, the tanks are programmed to alternate water wash from the paint booths after a certain rate of flow is reached. The operating tank then feeds the single centrifuge.

Q Are there any restrictions in the paint technology?

A No, the Mass-Flow™ will work with all paint formulas in any color.

Cost Factors

Q What kind of budget is required for this system?

A Typically, this system is comparable in cost to competitive 'quiet' systems.

Q What is the payback period?

A Depending on your volume, users have had payback within one to one and one half years.

Q In what areas will cost savings occur?

A Cost savings occur in a number of areas including: water and chemical consumption savings, greatly reducing labor for cleanup and maintenance and in waste hauling and sludge disposal fees. Recorded savings on existing installations have reached $100,000 per year. Savings will be system dependent.

Time

Q How long does it take to engineer and install the system?

A In most cases, your system will be operating in less than 90 days. Startup takes only a few hours.

Chemicals & VOCs

Q What chemicals are used?

A Traditional polymer, detackifying and coagulation treatments may be used.

Equipment

Q How is the system controlled?

A A central processor controls the flow of water throughout the system and all components within the system. Once the program is optimized, operation is fully automated.

Q Does KMI provide follow up support?

A Yes, for the first 90 days you can call our support engineers with questions. After this period, we can custom tailor support to fit your requirements, typically a minimum of one year.

Q Is there a warranty on the system?

A Yes, the individual components, such as the pumps and centrifuge are supported by the manufacturer's warranty and the tank system and processor are covered by a one year warranty for parts replacement from KMI.

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