



SCS clean FILTER SYSTEMS



SCS distributes Flume Filtration Systems for the Food and Agricultural industries. The system's heart is the proprietary rolled filter media providing a highly efficient and reliable means of removing solids from apple line processing water. It features a non-pressurized design that is economical and easy to operate. The Flume Filtration System is fully automated, ensuring efficient cleaning of the real-time flume water, continually cleaning all packing line wastewater, and minimizing the amount of media used.

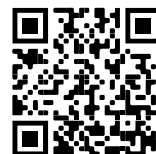
Our filters offer automatic operation utilizing low-cost rolls of non-woven synthetic filter fabric media, are well suited for reducing apple line processing particulate water levels. A roll of media filter fabric is loaded and fed into the rear of the machine and held in place between the sealing wheels and the porous stainless steel conveyor belt. The liquid to be filtered is pumped or fed into the inlet port and is distributed into the flood box, slows the dirty water's velocity, and spreads it over the entire width of the filter media fabric, forming a trough between two sealing wheels. Water laden with particulates gravity feeds through the filter media fabric removing particles from the water down to 5-micron size, leaving a solid "cake" of particulates on the surface of the filter media fabric. This process eventually causes the water level to rise in the filtering hamber, automatically keys the media fabric to index forward and maintain the proper water level. Clean filtered water collects in the tank and is returned to service by pump or gravity. The "spent" media laden with a "cake" of particulates is discharged to a waste container.



FEATURES

- ▣ The Leading Edge in apple line water filter technology
- ▣ Reduces Bio Contaminants and BOD
- ▣ Decreases Total Suspended Solids
- ▣ Reduces Turbidity, Improving Clarity
- ▣ Compact design for easy integration into any packing facility
- ▣ Side stream off the recirculation line, up to 160 GPM
- ▣ Longer use of packing line water, requiring fewer flume water changes
- ▣ Lower chemical usage with cleaner flume and wastewater streams

Click On or Take a Picture of this QR Code to see a SCS Clean Flume Filtration System in Action!



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