

# Moline Frying Oil Filtration System



*Providing efficient and continuous frying oil filtration during production.*

*The Moline frying oil filtration system is designed to continuously filter frying oil during production, promoting frying oil quality and decreasing fryer down time for sanitation.*

*The filter is directly connected to the fryer via piping. Sediment waste is continuously removed and the filtered oil is returned to the fryer for reuse. A wire mesh conveyor belt, providing 60-micron filtration, strains and filters the frying oil inside the filter tank. Sediment and debris are carried out of the tank*

*through the discharge chute to a collection bin positioned below.*

*Three pumps are installed on the filter frame: one for infeed, one for discharge and an auxiliary pump for pumping the frying oil to a storage system. Shutoff valves are provided for all piping connections.*

*The filter can be easily integrated with existing frying systems and is controlled through the production system's operator interface.*



- **Promotes frying oil quality and reduces down time for sanitation.**
- **Provides 60-micron filtration of frying oil. Optional filter paper provides 5-micron filtration.**
- **Easily integrated with existing systems.**

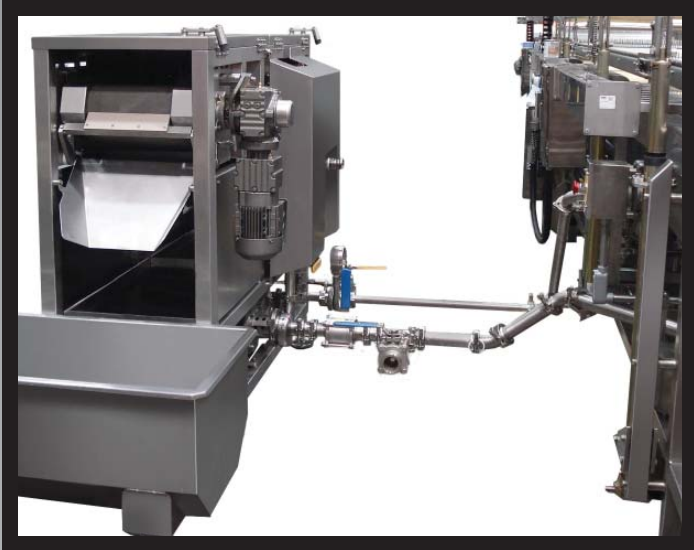


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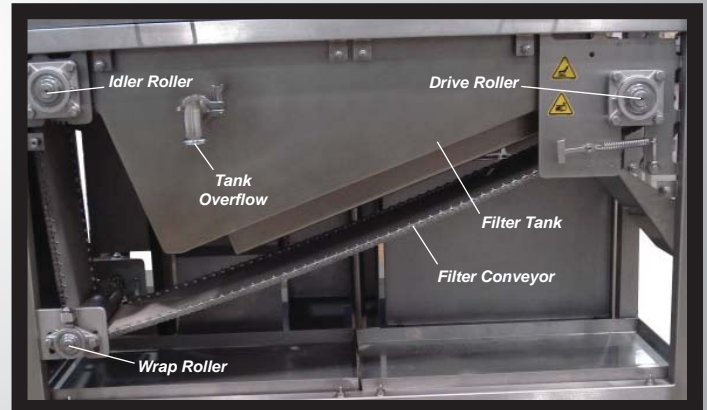
Filter Connected to Fryer



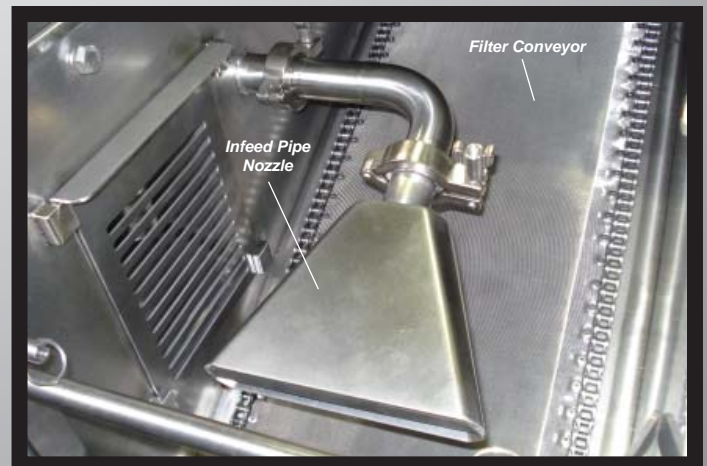
Filtering Debris From Frying Oil

## Features

- **Construction:**  
Stainless steel construction with precision-machined components.  
  
Wire mesh filtration conveyor with 60-micron filtration.
- **Control Functions:**  
Pump activation is easily controlled through the production system's operator interface.
- **Drive System:**  
Direct drive motor and gear reducer for the filter conveyor.
- **Electrical System:**  
Standard: 480 Volt, 60 Hertz, 3 Phase. Other options are available.
- **Integration:**  
Built for integration with existing frying systems.
- **Options:**  
Optional disposable filter paper provides 5 micron filtration.



Filtration Conveyor (side view inside guards)



Infeed Pipe Nozzle (interior view of filter tank)