



**BLEACH**



**AUTOMATED**



**FILTER**



## Sodium Hypochlorite Filter System

### Some systems are simply built. Ours are engineered.

Our Sodium Hypochlorite Filter System is a precoated leaf filtration system designed to filter hypochlorite in batches of up to 160,000 liters. We build our systems from the ground up to provide state-of-the-art and efficient machines for producers looking to considerably reduce raw materials, energy consumption, and labor costs.

Our systems are available in three standard sizes of 100, 200, and 300 square feet of filtration area. It is automated only to need an operator to precoat the plates and wash the spent media.

The Sodium Hypochlorite Filter System System is a highly engineered solution that ensures a long service life. We provide custom engineered equipment and unparalleled customer support.

### Advantages



#### Capacity

Systems ranging from 40,000 to 160,000 liters.



#### Performance

Filter particles down to as small as 0.2 microns.



#### Efficiency

Reduces iron concentration to below 0.5 ppm, nickel and copper concentrations to below 0.05 ppm.

# Custom Solutions

- Available in various sizes to meet project capacity requirements
- Engineered to have a repeatable performance. Filter particles down to as small as 0.2 microns.
- Has a turndown ratio of 3:1



## System Performance

- Fully assembled, programmed and electrically and hydrostatically tested
- Skid mounted design engineered for transport in ISO container when applicable
- Meets international and domestic standard



## Process Design

- Can be automated with the exception of the precoat and backwash cycles
- Designed to reuse backwash water in bleach production to eliminate liquid waste
- Can be integrated with existing Powell Sodium Hypochlorite Production Systems to match required production rates



## Automation

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