

# SealTrack™ Endless Belt Vacuum Filtration STEB



Endless belt continuous filtration with the option of disposable media

Positive seal on belt or paper media virtually eliminates migration

Full-width, independent drag conveyor handles heavy chip loads

No risk of media cutting, tearing or wearing because conveyor does not ride on belt/paper

No manual fastening of belt for ease of installation/removal

Shorter belt length saves cost and replacement time

In-tank belt return minimizes belt length and drying which can shorten belt life

In-tank belt wash station eliminates floor leaks/drips

Quiescent belt wash area is ideal for removal of fines

No tools required for basic belt and screen maintenance



# SealTrack™ Endless Belt Vacuum Filtration STEB

## Filter Mode

Contaminated liquid enters filter tank inlet duct "A." Heaviest particles fall to chip drag "B" while lighter particles travel to filter belt "C." Flow is induced through media which quickly builds a cake of particulate on its surface. This cake enhances filtration. As the cake builds, the vacuum produced by the restriction is sensed by vacuum switch, which triggers "Index Mode."

## Disposable Media Index Mode

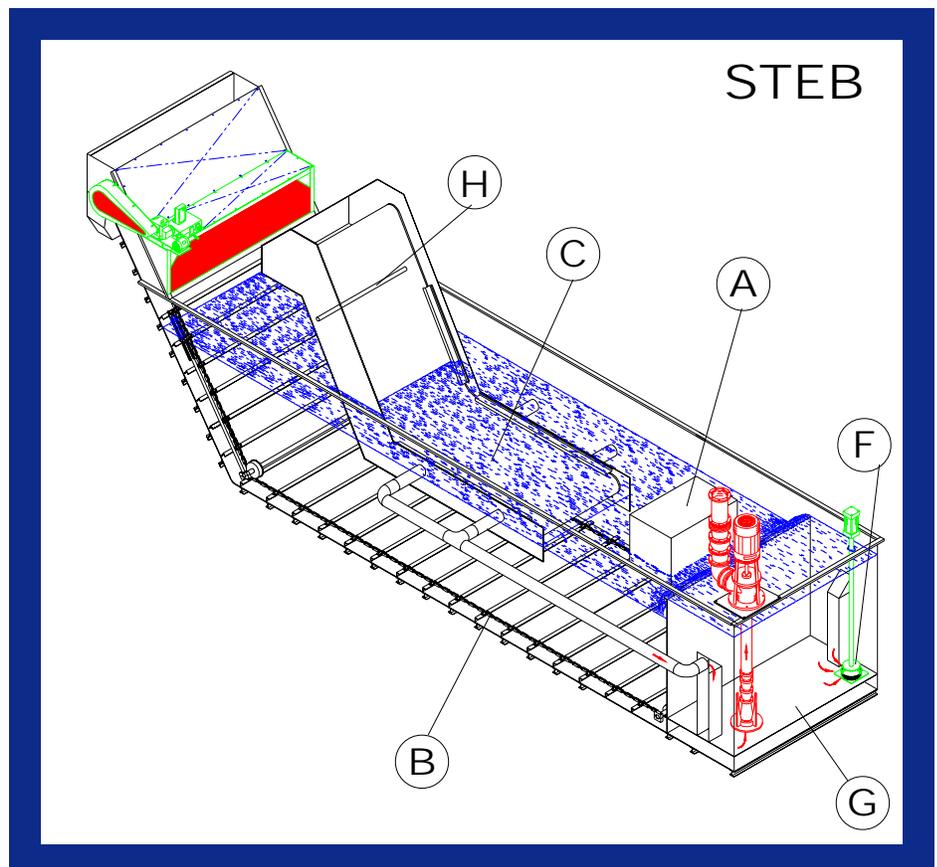
When disposable media is used, the Index Mode is slightly different. The vacuum break valve "F" opens to relieve the vacuum and switch the flow to the clean tank "G." The media is then indexed several inches with new clean media introduced to the tank. The wash header does not run. After index, the filter returns to filter mode.

## Permanent Media Index Mode

Vacuum break valve "F" opens to relieve the vacuum and switch the flow to the Clean tank "G." The belt is then indexed for several inches while the wash header "H" washes the remaining particulate into the settling area. After index, the filter returns to Filter Mode.

## Full Width Drag

The full width drag conveyor "B," and the media loop "C" operate independently. Therefore, the drag can operate intermittently to produce the driest sludge, and the least wear, or continuously under heavy chipload conditions.



HENRY FILTERS  
**Henry**

1350 Van Camp Road  
Bowling Green, OH 43402  
(419) 352-7501  
fax: (419) 352-0224  
email: [Henry@henryfilters.com](mailto:Henry@henryfilters.com)