

Mesh Upflow Drum Filter



Introduction & Functionality:

Fluid with chips drops in cavity outside a mesh drum. It moves in the drum trough fine mesh, by gravity, leaving the chips on the mesh. A scraper conveyer, wrapping the mesh drum & scraping the outside cavity, carries the chips to a bin. On the way the fluid drips back to the tank. The conveyer movement also rotates the mesh drum. Clean fluid inside the drum is siphoned out to a clean fluid tank. From this it is pumped to the machine. Part of the pressurized fluid from pump is used to backwash the mesh drum. WORKING A

Features:

Seal is away from sedimented chips. No possibilities of seal getting damaged by chips. Seal is of lesser diameter than conventional filter drum. It is possible to machine this seal & maintain correct dimensions. Seal is flushed with clean fluid. This means the seal is more reliable to arrest fine particles. It is possible to pull the mesh-drum out of the system for maintenance

Applications:

Aluminum chip handling, washing Fluid filtration, etc. This can be used on an individual machine or as a centralized plant



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