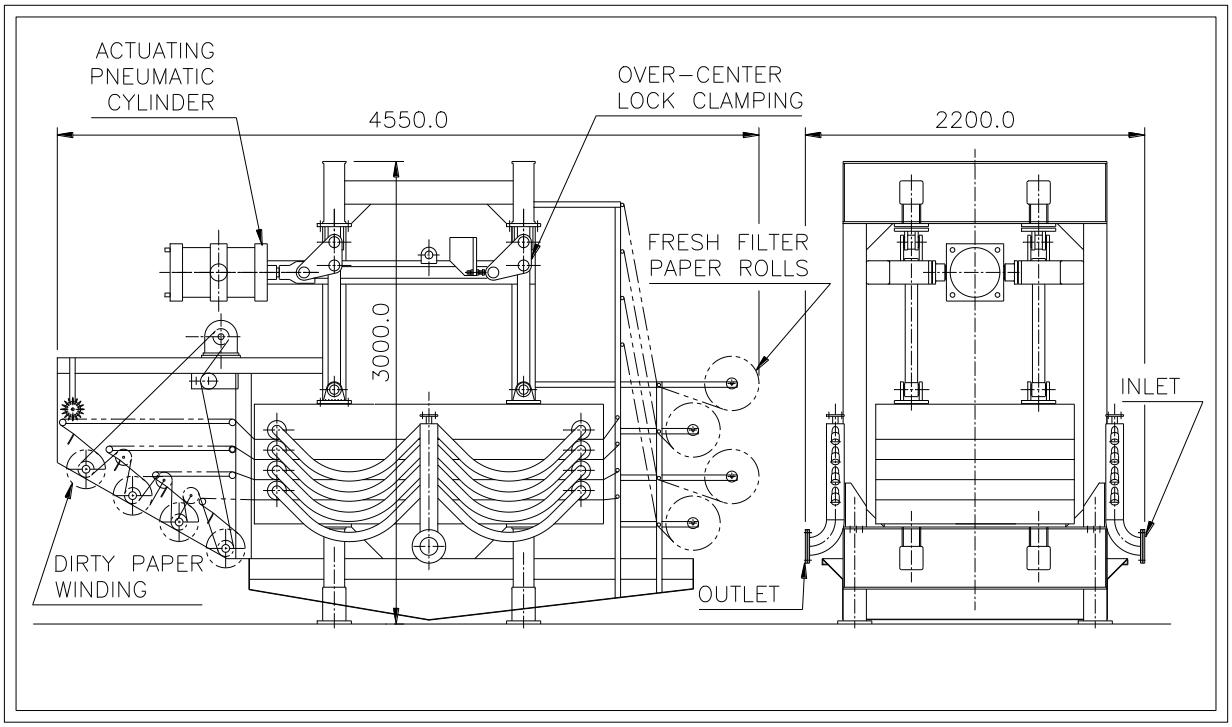
Flat- Bed Multiplate Pressure Filter



Working:

Dirty fluid is fed under pressure in to inlet manifold. It is distributed equally in 4 different plates. Filter papers clamped & supported between plates separate the dirt & form a layer (cake). This effects finer filtration. The same filter with pre-coating can add further to fineness of filtration.

Applications:

Suitable as centralized fine coolant filtration for finish grinding, filtration of high viscosity grinding fluids & filtration of honing oil with pre-coat arrangement.

Features:

- Very large filtration area is accommodated relatively small dimensions. The unit shown is having 10 m^2 filtration area.
- Totally automatic pneumatically actuated operation.
- Dirt is purged with compressed air to recover fluid.
- Low initial & operational costs.

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