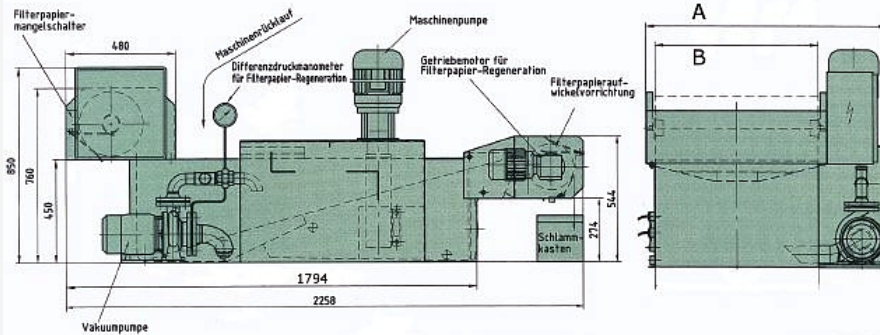




Type	Filtration capacity		Dimensions mm		Container volume l	
	Emulsion	Oil* (10mm ² /s)	A	B	Clean material tank	Sludge accumulation tank
VMF05	400	240	1055	710	160	230
VMF08	600	360	1365	1020	230	330
VMF11	820	550	1745	1400	315	450



Continuous purification of soiled cooling lubricants, as they are produced when operating machine tools. Purification of liquids from industrial washing plants and dust extraction plants and systems. It makes sense to use such a Vacuum Band filter with high throughput rates, because the throughput in a Vacuum Band Filter is 3 to 4 times higher than in a Gravitation Band Filter while the filtration area is identical. The Vacuum Band Filter consumes less filtration material.

Function

The soiled cooling lubricant coming from the machine tool flows into the dirt accumulation part of the filter. A vacuum pump then sucks the cooling lubricant through the filtration material into a clean chamber, retaining dirt particles in the process. The sludge cake forming on the filtration medium creates an increasing vacuum inside the clean chamber. Once a specific pre-adjusted value has been reached, a contact pressure manometer triggers the regeneration process and the sludge cake is evacuated without disrupting the supply of cooling lubricant. Simultaneously, the filtration material is renewed.

TAC Rockford Product Line

Machine Tool Gauges, Tool Changer Alignment, Runout Test Arbors, Workholding Systems, Tool Holders, Adapters and Extensions, Tool Holder Blanks, Machine Tool Accessories, Coolant Tubes and Gauges, Heat Shrink Systems, Rapid Prototyping

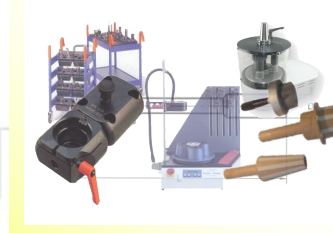
Tool Holders



Gauges



Accessories



Rapid Prototyping

