

Production program

FILTRATION sector

COMBINED GRAVITY FILTER**MOD. AM-AML
DIRECT MOTORIZATION****CHARACTERISTICS**

Clarifiers of this type are particularly suited for coolants with heavy concentrations of ferrous particles. Such coolants are usually found on machine tools such as grinding machines, machining centres and the like. After passing through the magnetic separator, which removes the ferrous particles, the liquid from the machine tool flows through a non-woven filter fabric. The material retains all of the particles remaining in suspension. The ferrous particles, attracted by the magnetic separator, are retained by it and discharged in the front-end of the filter onto the used filter fabric as it passes underneath the magnetic separator. The dripping of the sludge is improved by sloping the filter bed toward the inside of the device.

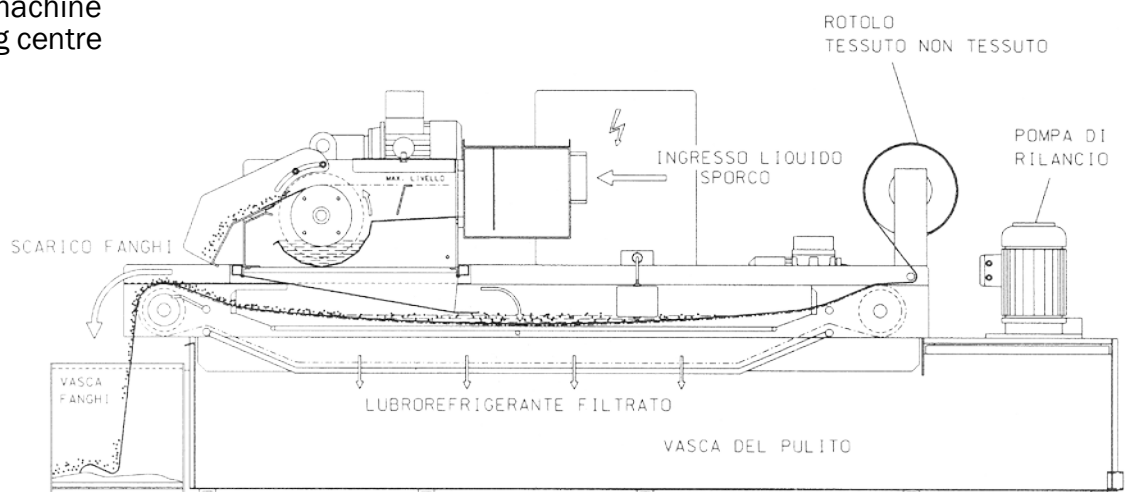
When the filter fabric in the machine is blocked, the liquid accumulates in the filtering pool until it operates a level sensor which automatically activates the renewal of the filter bed by winding the media on. The contaminated filter fabric and the sludge from the separator fall into the collecting bin at the side of the machine.

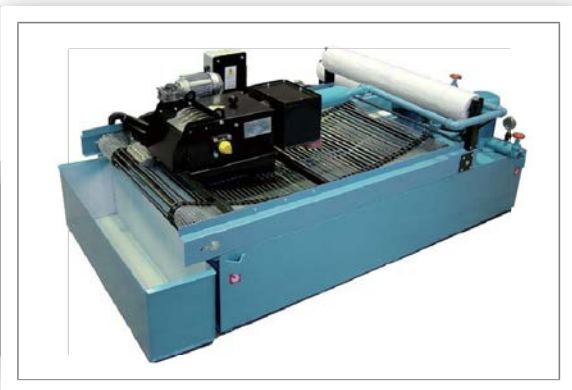
The action of replacing the filter fabric lowers the level of liquid in the filtering pool, allowing the sensor to automatically stop the media replacement process.

The driven unit in the machine is specifically designed to optimized media replacement, reducing fabric consumption to a minimum and facilitating the formation of a sludge "cake" which, by acting as a pre-coat, improves filtration quality.

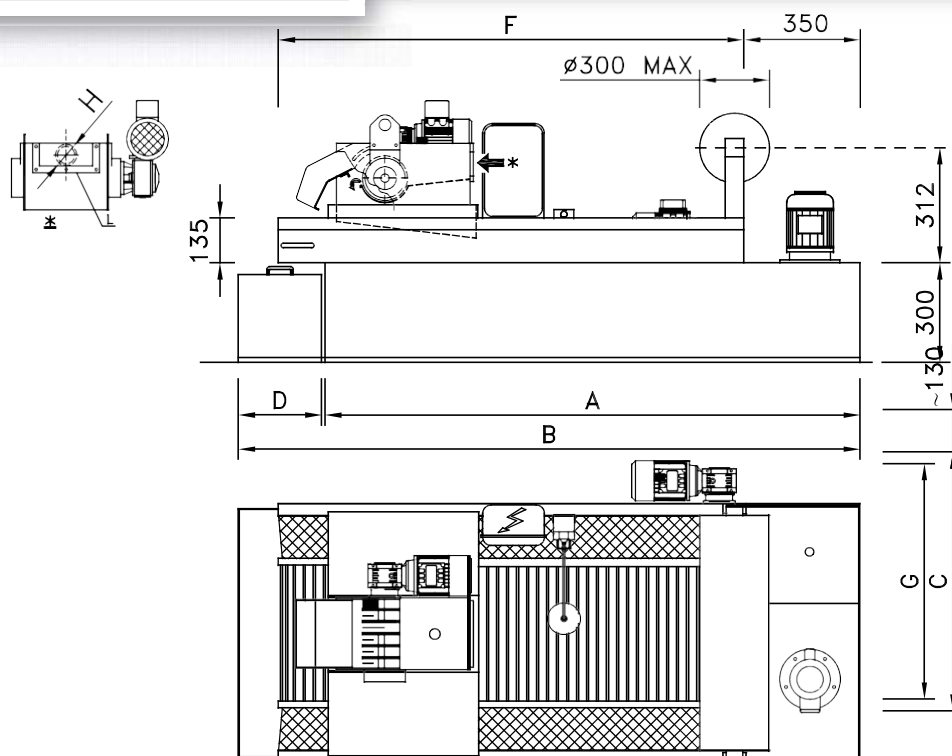
APPLICATIONS

- Grinding
- Sharpening machine
- Lapping machine
- Machining centre
- Transfer

**Dal 1952**



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MOD.	FB	M	Tank L	Flow rate l/min	A A	B B	C C	D D	F F	G G	H H	KW Ass./m ³ 25°C	Kg Kg
AMR	FB1/R	M50	200	40	1150	1350	580	200	950	500	2	0,18	105
AML	FB1	M50	200	50	1450	1650	580	200	1250	500	2 Gas	0,18	115
AM2	FB2	M100	300	100	1610	1850	780	250	1400	700	2 1/2	0,18	135
AMR/1500	FB3/ 1500	M250	450	150	1710	1950	1080	250	1500	1000	3	0,18	165
AMR/2000	FB3/ 2000	M250	600	200	2210	2450	1080	250	2000	1000	3	0,18	200
AMR/2500	FB3/ 2500	M300	750	250	2710	2950	1080	250	2500	1000	3	0,18	225
AMR/3000	FB3/ 3000	M300	1200	300	3210	3510	1080	300	3100	1000	3	0,18	245
AMR/3500	FB3/ 3500	M400	1400	350	3710	4010	1080	300	3600	1000	3	0,18	295
AMR/4000	FB3/ 4000	M400	1600	400	4210	4510	1080	300	4100	1000	3	0,18	320
AMR/4500	FB3/ 4500	M500	1350	450	4710	5010	1080	300	4600	1000	3	0,18	360
AMR/5000	FB3/ 5000	M500	1500	500	5210	5510	1080	300	5100	1000	3	0,18	385
AML/2500	FBV/ 2500	M400	1000	350	2950	3250	1510	300	2600	1400	3	0,18	300
AML/3000	FBV/ 3000	M500	1200	450	3450	3750	1510	300	3100	1400	3	0,18	355
AML/3500	FBV/ 3500	M700	1400	550	3950	4250	1510	300	3600	1400	3	0,18	410
AML/4000	FBV/ 4000	M700	1600	650	4450	4750	1510	300	4100	1400	3	0,18	470
AML/4500	FBV/ 4500	M700	1800	750	4950	5250	1510	300	4600	1400	3	0,18	500