

MAYFRAN RBF ROTARY BELT FILTER



Highest availability and low maintenance

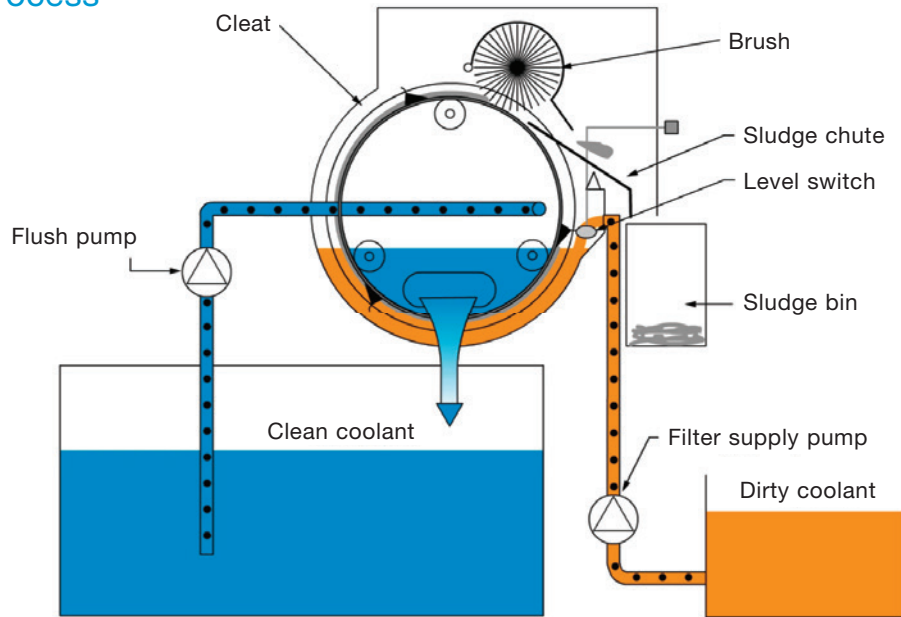
Applications

- Short chips, max. size 20 mm
- Machining and grinding of steel, gray cast iron, brass, copper and aluminium
- Filter capacity from 100 l/min to 1,500 l/min

Avantages

- No vacuum required
- Simple handling and low maintenance
- No consumption of filter auxiliary materials
- Permanent V-2A filter mat
- Low maintenance
- Double cleaning of permanent belt
- Compact and modular design

RBF-E filter process



Dimension overview

Type	Nominal filter cap.* (l/min)	Filter area effective (m ²)	No. of cleaning nozzles	Flushing flow rate at 4.5 bar (l/min)
RBF-E 100	100	0.25	5	33
RBF-E 200	200	0.50	11	48
RBF-E 300	300	0.75	16	60
RBF-E 400	400	1.00	22	75
RBF-E 600	600	1.50	22	75
RBF-E 1000	1,000	2.25	32	100
RBF-E 1500	1,500	3.00	32	100

* Filter capacity related to water soluble, operations with steel (turning/milling/drilling).

Range overview (l/min)

Type	Machining soluble	Machining oil 20cSt	Grinding soluble	Grinding oil 20cSt
RBF-E 100	100	70	60	40
RBF-E 200	200	140	120	80
RBF-E 300	300	210	180	120
RBF-E 400	400	280	240	160
RBF-E 600	600	420	360	240
RBF-E 1000	1,000	700	600	400
RBF-E 1500	1,500	1,050	900	600

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