



# FilClean™ IDX

## Paper Bed Indexing Filters

Machine Tool Coolant

Machine Oil

Waste Water Prefiltration

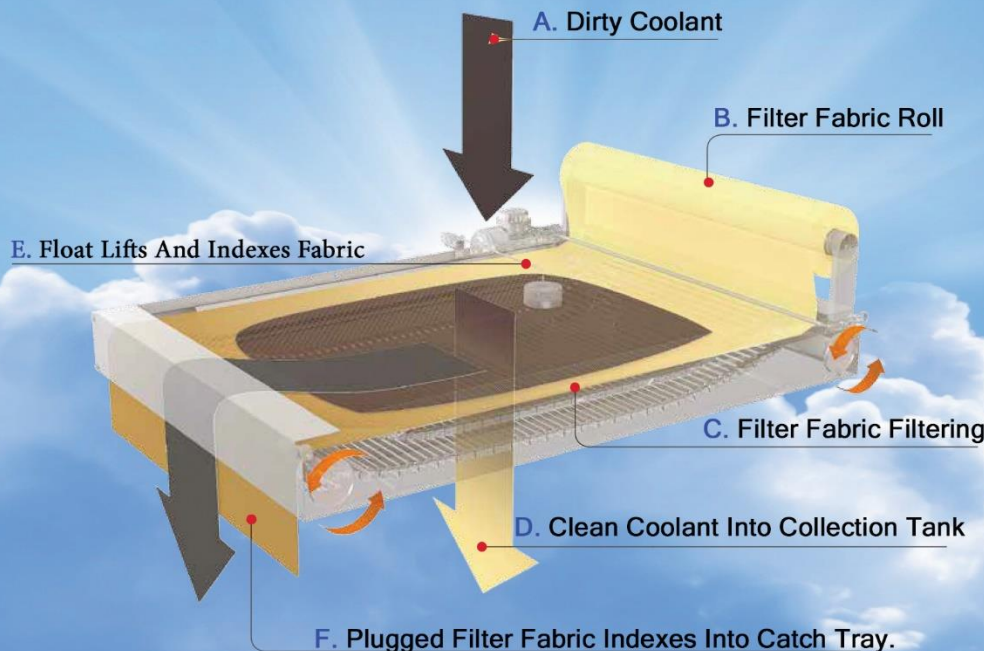
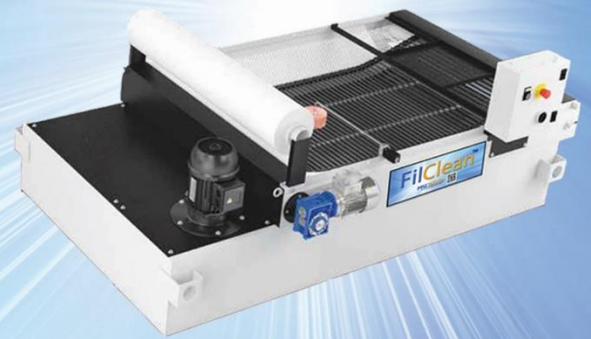
### Automatic Indexing Flat Bed Coolant Filters

FilClean IDX is a flat bed coolant filter, using non woven fabric for eliminating magnetic and non-magnetic particles from neat oil and emulsion.

Filtration levels can be determined by choice of fabric which range from 10 to 50 microns.

FilClean IDX is available in 5 sizes, with flowrates of between 13.2 GPM to 106 GPM of water based coolant and 6.6 GPM to 53 GPM for straight oil coolant.

The FilClean IDX automatically indexes the filter media as it plugs to a clean area of the filter roll and is a cost effective way to deal with many coolant contaminant challenges. Coolant drains out of the machine tool into the filter paper and then is pumped clean back to the machine tool via a supplied return pump.



- A. Dirty coolant gravity drains from machine tool onto filter paper.
- B. Removable filter fabric roll unwinds over rotating track.
- C. Filter media filters dirty coolant as it gravity drains through.
- D. Clean coolant drains into collection tank below FilClean IDX
- E. As filter paper plugs coolant backs up lifting a float which automatically causes filter paper to index to a clean spot
- F. Dirty filter paper automatically folds into a collection container for disposal.

### FC-IDX

TABLE 1

Model

50 250  
100 400  
150

TABLE 2

Voltage

2 = 230/3/60  
4 = 460/3/60

TABLE 3

Material

C = Carbon Steel

TABLE 4

Return Pump

NP = No Pump  
S = Standard  
H = High Press

TABLE 5

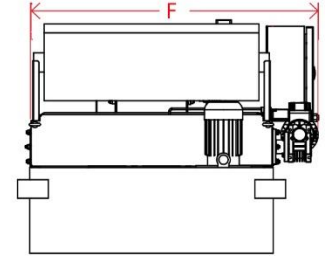
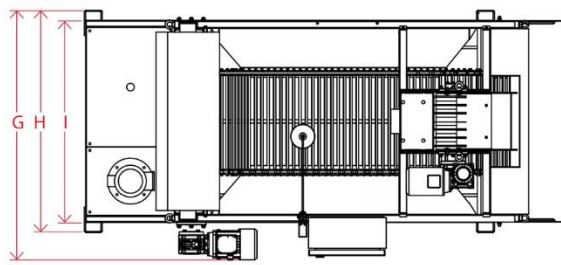
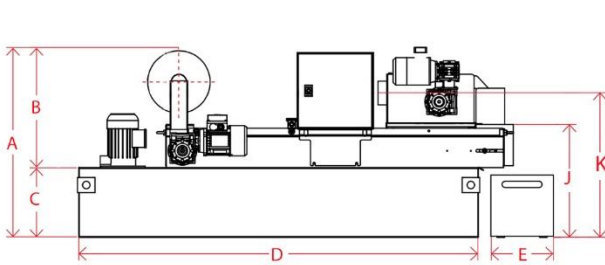
Fluid

Blank = Water or Water based coolant  
O = Oil

TABLE 6

Adder

Note: Filter Roll sold separately pick from available options below for part number, material and micron



Model	Tank Capacity Gallons	Max Filtering Rate Water Based Coolant GPM	Max Filtering Rate Neat Oil GPM	Max Coolant Return Pump Pressure PSIG		Amp Draw				Weight LBS	DIMENSIONS INCHES (Approximate)										
				S Standard PSIG	H High Pressure PSIG	230V 3/60		460V 3/60			A	B	C	D	E	F	G	H	I	J	K
						S	H	S	H												
50	44	13.2	6.6	2.9	To 1400	1.1	*	.55	*	199	30	18.91	11.02	49.25	9.84	29.53	30.71	26.5	23.35	18.03	22.76
100	76	27.5	13	1.5	To 1400	1.2	*	.6	*	298	30	18.91	11.02	63	9.84	37.4	38.6	34.37	31.25	18.03	22.76
150	117	39.63	19	1.5	To 1400	1.9	*	1	*	430	30	18.91	11.02	71	9.84	49.25	50.39	46.18	43	18.03	22.76
250	173	66	33	4.4	To 1400	4	*	2.3	*	607	30	18.91	11.02	108.25	9.84	49.25	50.39	46.18	43	18.03	22.76
400	277	105	52	3.6	To 1400	5.8	*	2.9	*	838	30	19.82	11.02	167.32	9.84	49.25	50.39	46.18	43	18.03	22.76

Note: High Pressure Pump Amp draw is dependent on pump max pressure and will be determined at time of quote state max pressure required back to machine tool.

NOTE: For all stainless gravity filters check out our IDXS Stainless brochure for all water or other corrosive liquids.

### Roll Media Availability

Order Separately

Don't See What You Need - Just Ask US!

Fiber Content: 70% Rayon/30% Polyester Blend  
Construction: Dry Laid  
Binder: Acrylic Latex

### FCRLM-

TABLE 1

Model

50 250  
100 400  
150

TABLE 2

Material

RP = Rayon Polyester

TABLE 3

Micron

(Nominal)  
10 25  
15 30  
20 50

TABLE 4

Length

A = 100 Yards  
B = 200 Yards



Variety of Economical Roll Medias Materials and Microns Available



Corporate Offices & Distribution Center

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