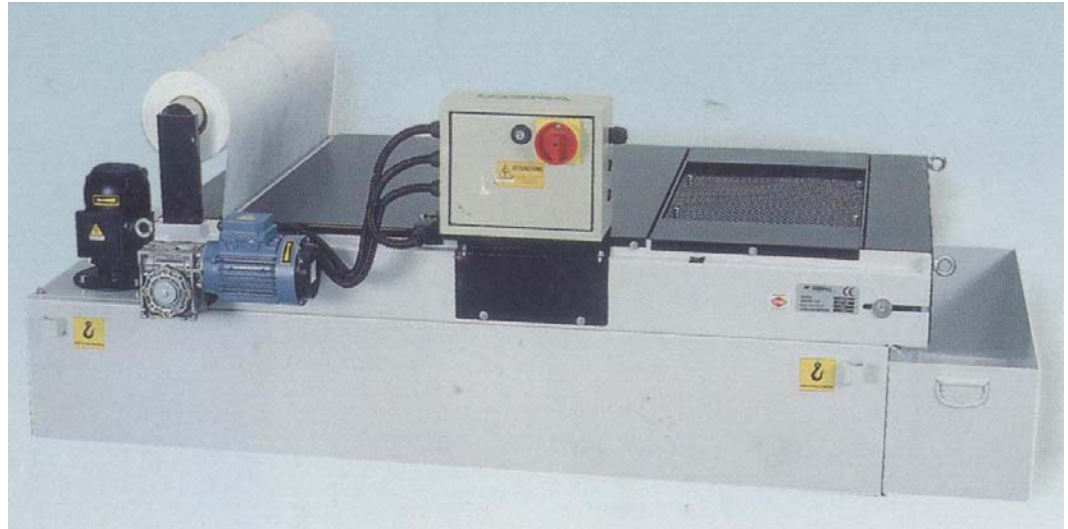


Paper Bed Filter



The paper bed filter purifies liquids of different types (water-emulsion-solution-oil) from solid pollution (such as slag and residual working products).

Usually connected to the machine tools they are as well used in other sectors (in the mechanical, chemical, dyeing, food, glass, washing, painting, water treatment industry).



The polluting particles can be metallic (max. mm 6x6) or non metallic (max. mm 4x4). The filtration degree is determined by the choice of the filter cloth. All purifiers can also be produced in stainless steel for corrosive liquids, pure water and food industry.

Models with higher capacity than standard are available.



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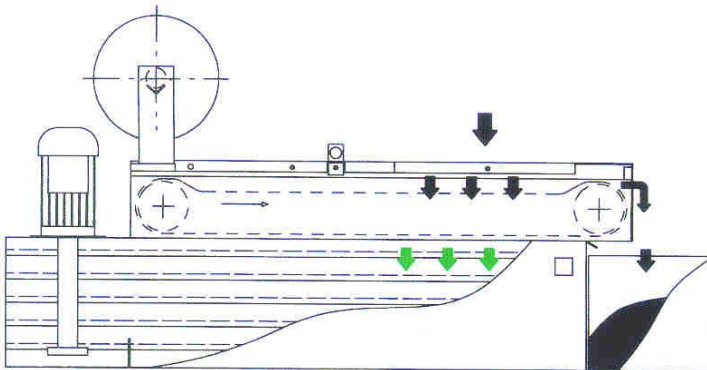


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Technical sheet: COOLANT FILTER Models DTE 50 - 100 - 150 - 200 - 250 - 300 - 400

Working diagram



Description and use:

Filtration of magnetic and non-magnetic particles from liquid coolants

Suitable:

for all machine tools

Uses:

Filtration of coolants with a max viscosity of 20cSt at 104°F. contaminated by magnetic and non-magnetic particles

Not to be used:

- Filtration of liquids other than neat or soluble oils.
- Filtration of liquids with viscosity superior to 20cSt at 104°F.
- Filtration of fluids containing corrosive substances (acid or basic)
- Use in explosive atmosphere.

Technical characteristics Detex

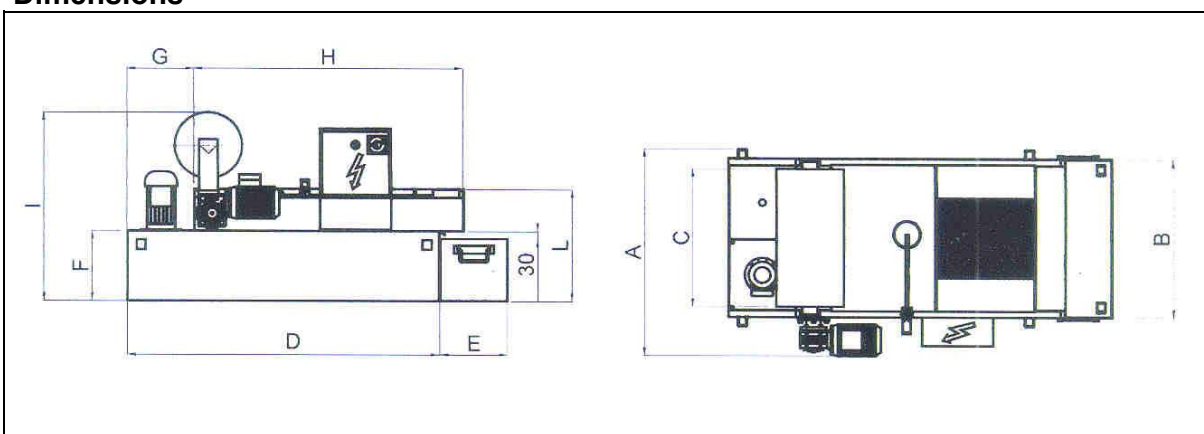
Model		DTE	50	100	150	200	250	300	400
• Tank capacity	gallons		47	85	137	182	223	266	355
• Max filtering capacity	gallons/min		13	26	39	52	66	79	105
Max filtering capacity with neat oil	gallons/min (max 20 cSt at 104°C)		6.6	13.2	19.8	26.4	33	39.6	52.8
• Pump head	head feet		6.5	6.5	6.5	6.5	6.5	6.5	6.5
• Power	kW		0.28	0.42	0.52	0.65	0.90	1.27	1.59
• Input tension 230V/50Hz	A		1.9	2.0	2.6	3.4	4.3	4.3	5.8
• Input tension 400V/50Hz	A		1.15	1.18	1.5	2.0	2.5	2.5	3.4
• Voltage / frequency (special voltages on request)			: 230V/50Hz - 265V/60Hz 3P+PE (delta connection). 400V/50Hz - 465V/60Hz 3P+PE (star connection).						
• Conforms to directives and rules			: 89/392/CEE (MD) – 89/336/CEE (EMC) - 73/23/CEE (LVD) EN 292-1 EN 292-2 IEC 34-1 o (VDE 0530)						



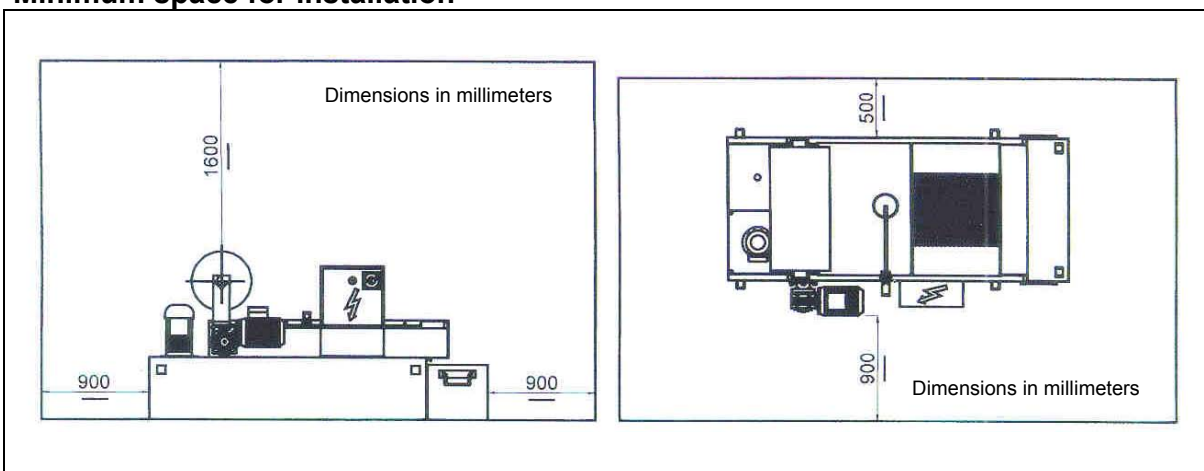
Packing, dimensions and weight

DTE	50	100	150	200	250	300	400
crate inches	37x57x33.5	39x61x29	49.5x68x29	49.5x84x30.5	57.5x117.5x35.5	57.5x138x35.5	57.5x177.5x35.5
gross w. Lbs.	≈ 297	≈ 441	≈ 628	≈ 716	≈ 838	≈ 938	≈ 1146
net w. Lbs.	198	297	430	518	606	683	838
Dimensions							
A	30.5	38.3	50.4	50.4	50.4	50.4	50.4
B	23.3	31.2	43	43	43	48	43
C	19.6	27.5	39.4	39.4	39.4	39.4	39.4
D	45.7	60.6	68.5	87.4	87.4	128	167.3
E	9.8	9.8	9.8	9.8	9.8	9.8	9.8
F	10.4	10.6	10.8	11.2	11.2	11.2	11.4
G	9.8	9.8	9.8	11	11	12.2	12.2
H	39.4	53.1	61	78.75	98.4	118.1	157.5
I	28.75	28.9	29.1	29.5	29.5	29.5	29.7
L	17.3	17.5	17.7	18.1	18.1	18.1	18.3

Dimensions



Minimum space for installation



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