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FUHRMATIC

Full Automatic Angle Belt Filter Unit

The belt filters FUHRMATIC dispose of an at an angle arranged filter-bed. By the higher hydrostatic pressure better throughput achievements, more actual cake education and longer state times arise therefore. The filter fleece seals independently and becomes at the filter exit on a role again aufgehaspelt. The filter cake is stripped about a plate in a rallying container. The fleece transport occurs about a gear engine and is steered by means of inductive swimmer's counter. All media-touched parts are made out of stainless steel. Optionally we equip her belt filter arrangement with a conveyor pump, filling state sensor, magnet separator and oil skimmer. All band filters FUHRMATIC are built up modular and afterwards extendable.


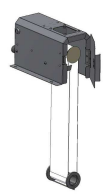


TECHNICAL DATA

FUHRMATIC

Material	SS 1.4301, alternative carbon steel
Gasket	without gasket
Electrical connection	400 VAC, 50 Hz
Control voltage	24 VAC, 50 Hz
Protective class / control	IP 65 / IEC 204/1

MODULAR ADD KITS

FUHRMATIC

			
Magnet separation	Oil skimmer	Pump	Filling sensor

FLOW RATE / FILTER BELT WIDTH

FUHRMATIC

FUHRMATIC Belt filter type	Flow rate (l/min)	Belt width (mm)	Standard Tank volume	Inlet	Drain
700L	250* / 150**	700	540 l	Rp 1 1/2"	Rp 1 1/4"
1000L	400* / 250**	1000	720 l	Rp 2"	Rp 2"
SE1000L	800* / 500**	1000	1200 l	Rp 2"	Rp 2"

* The capacity measurement is done with a filter fleece 60 gr/m² and with a liquid (viscosity: 1 cSt) at 20°C.

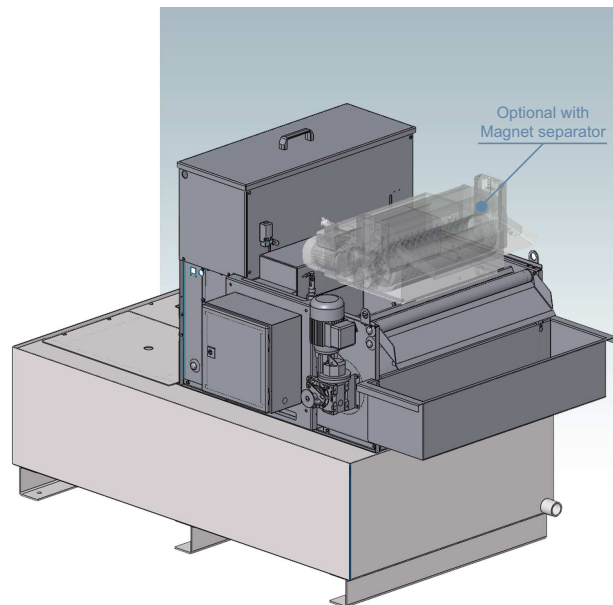
** The capacity measurement is done with a filter fleece 60 gr/m² and with a liquid (viscosity: 12 cSt) at 20°C.

DIMENSIONS

Belt filter type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)
FUHRMATIC 700L	1756	1250	1024	742	500	774	1153	410	920	1019
FUHRMATIC 1000L	1760	1252	1028	742	500	864	1840	560	1220	1374
FUHRMATIC SE1000L	2506	1257	1031	745	500	1377	1753	600	1220	1377

Subject to technical alterations.
AL1084-01-E

acuraLine®



PROPERTIES

- Flow rate up to 48 m³/h
- Filtration micron rate up to 30 µm
- Optimal utilization of the filter material
- Automatical support of the filter fleece with unique two-part winding rod
- optional fully automatic, semiautomatic company

