



INDUSTRIAL LIQUID FILTRATION CONVEYOR BELTS





Quality

Filber was awarded the ISO 9001:2008 quality certificate in 1993.

Quality and continuous improvement of our products and services

ISO 9001

BUREAU VERITAS
Certification



Introduction

Talleres **Filber** is a company located in Ber-gara with more than 40 years of experience in manufacturing refrigeration equipment in the machine tool sector.

At present, we also manufacture equipment for wastewater reclamation.

Design

Filber designs its own products



Products

Standard and custom equipment		
Filtration capacity from 30 l/m to 1,500 l/m	JUMA	Filtering - fabric
	GAIN	Roller - magnetic
	JUMA+GAIN	Fabric - roller
Conveyors		
Applications: removal of nuts and bolts, stamping, die-cuts, etc. Manufactured according to need.	ROLLERS	
	MAGNETIC	
	BUCKET	

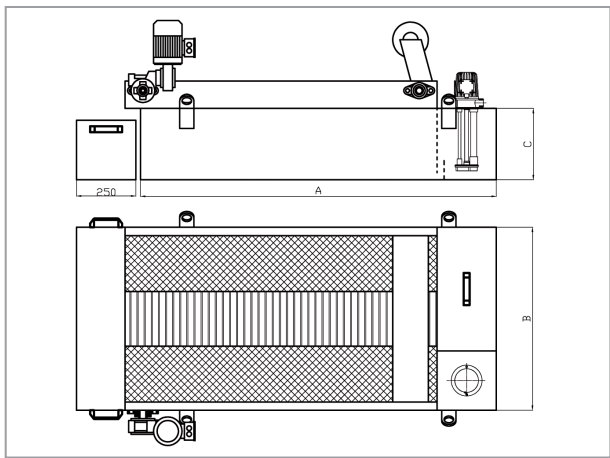
JUMA

SEPARATOR with filtering fabric



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Technical specifications



Model	A	B	C	Gear Motor Power KW 220V-50Hz	Pump Motor Power KW 220V-50Hz	Vessel capacity in litres
30	800	570	220	0,09	0,11	100
60	1.500	570	300	0,09	0,24	230
100	1.500	770	300	0,09	0,37	330
150	1.800	1.070	300	0,09	0,55	480
200	2.200	1.070	300	0,09	0,73	650
250	2.700	1.070	300	0,09	1,46	800
300	3.200	1.070	300	0,09	1,46	1.000
400	2.900	1.570	300	0,24	1,46	1.300
500	3.500	1.570	300	0,24	2,21	1.500

Features

This filtering equipment consists of a tank on which a transmission is mounted, to which the filtering fabric is fitted.

The liquid to be filtered has to reach the strip of filtering fabric, extended over the conveyor mesh, where the impurities retained by the fabric build up. After a certain time, the impurities obstruct the passage of liquid,

which builds up on the filtering fabric. As the liquid level increases, it acts on a buoy that activates the gear motor. This moves the dirty filtering fabric and replaces it with new strip. This process is repeated every time the impurities block the passage of the liquid.

The used, dirty filtering fabric is collected in a separate part of the tank.

GAIN / ON-GAIN

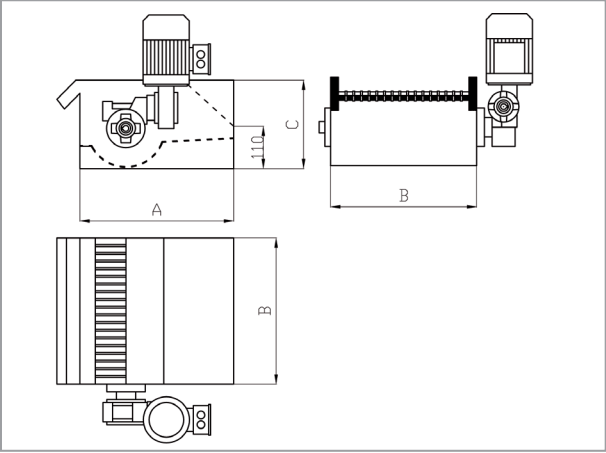
Rotary magnetic SEPARATOR



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Technical specifications

Model	A	B	C	D	E	Power KW 220V-50Hz	Flow rate l/min
SM-30	400	460	140	350	210	0,09	30
SM-60	400	460	260	470	320	0,09	60
SM-100	400	460	380	590	440	0,09	100
SM-150	400	460	500	710	550	0,09	150
SM-200	400	460	620	830	700	0,09	200
SM-250	400	460	740	950	810	0,09	250
SM-300	400	460	860	1.070	930	0,09	300
SM-400	400	460	1.100	1.310	1.170	0,09	400
SM-500	400	460	1.340	1.550	1.410	0,09	500



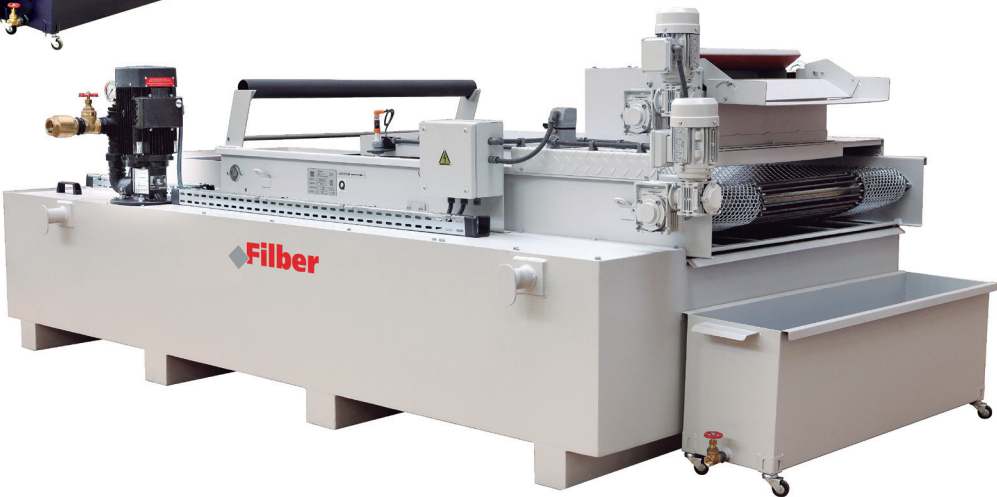
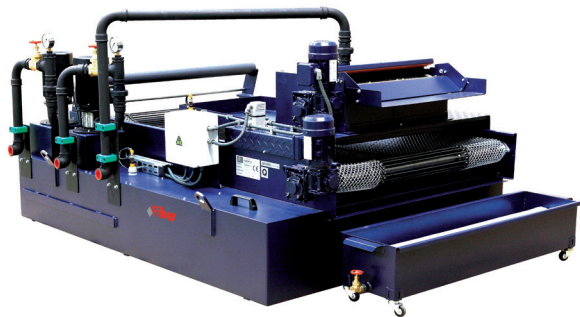
Features

This separator is used to eliminate all types of ferric particles from cooling liquids. It basically consists of a roll which, activated by a gear motor, rotates inside a steel housing at 2 rpm. The liquid enters at the top, circulates between the roll and the bottom of the housing. In this area, the

particles stick to the steel discs that, as they continue rotating, pass a stainless steel scraper-comb, where the particles are finally separated. The particles fall into a collection box and the clean, filtered liquid falls out of the bottom of the machine.

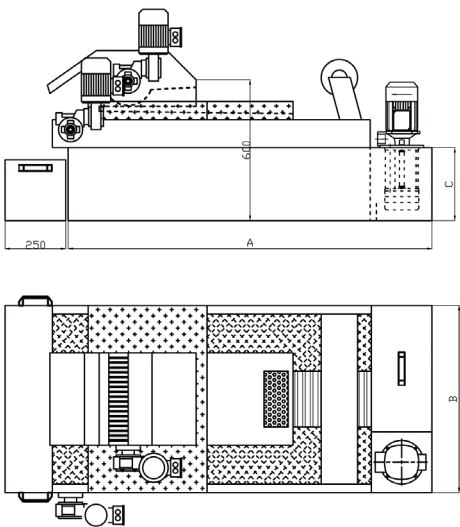
JUMA+ GAIN

Combined SEPARATOR



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Technical specifications



Juma+Gain Model l/min	A	B	C	Magnetic separator gear motor Power KW 220V-50Hz	Filtrating fabric gear motor Power KW 220V-50Hz	Pump motor Power KW 220V -50Hz
30	800	570	220	0,09	0,09	0,11
60	1.510	570	300	0,09	0,09	0,24
100	1.600	770	300	0,09	0,09	0,37
150	1.800	1.100	300	0,09	0,09	0,55
200	2.200	1.100	300	0,09	0,09	0,73
250	2.700	1.100	300	0,09	0,09	1,46
300	3.200	1.100	300	0,09	0,09	1,46
350	2.700	1.100	300	0,09	0,24	1,46
400	2.900	1.600	300	0,09	0,24	1,46
500	3.500	1.600	300	0,09	0,24	2,21

Features

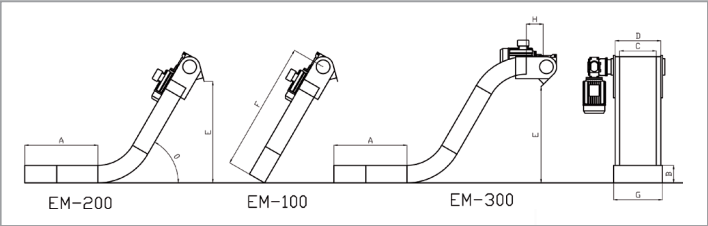
This machine is a combination of the JUMA and GAIN models.

The magnetic roll GAIN model is fitted to the filtering fabric JUMA model. The great advantage of this model

is that the cooling liquid first passes through the magnetic separator, which eliminates most of the particles, and then passes through the filtering fabric, thereby achieving perfect cleanliness and, at the same time, reducing fabric consumption by about 90%.

IGO

Magnetic belt SEPARATOR-CONVEYOR



Technical specifications

A	B	C	D	E	F	G	α
130	500 ÷ a 10.000	500 ÷ a 10.000	500 ÷ a 10.000	500 ÷ a 10.000	200 ÷ a 1.000	240÷ a 1.040	15° 30° 45° 60° 75

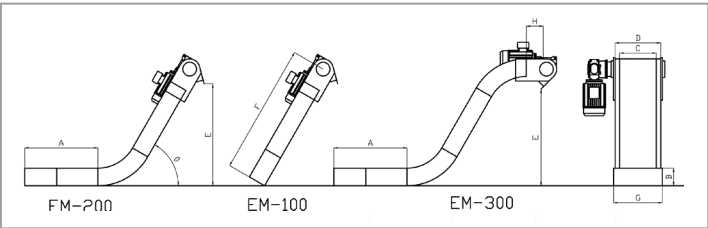
Features

The magnetic belt separator serves to separate and remove large particles and has been designed to separate and transport steel and cast iron cuttings chippings, swarf, etc. in machining centres, lathes, broaching machines, hobbing machines, milling machines, etc. and also for small parts (screws, bolts, etc.).

As the transmission is hermetically sealed inside the casing, breakdowns and maintenance are minimal. The standard widths of the magnetic belt are 200, 300, 400 and 500 mm.

JASO

Roller CONVEYOR



Technical specifications

A	B-C-D-E-H	F	G	α
200min	500 ÷ a 10.000	100 ÷ a 500	F+104	30° 45° 60° 75

Features

The roller conveyor is used for small parts such as nuts, bolts and screws.

It is made with extruded aluminium sections. Useful width, angle and shape may vary according to the customer's needs.



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