Easyband Series

The Easyband series of indexing media filter systems are the most versatile solution for filtering metalworking coolant. The Easyband is designed to work with all machine tools in the metalworking field and is used for the purification of water-based emulsions or neat oil coolants having a maximum viscosity of 20° cSt at 40° and for flow rates from 50 to 500 l/min (10 to 132gpm). We can offer many different filter medias and a wide range of micron ratings from 10 to 60 microns. In addition to our standard powder coated galvanized steel construction. We can offer stainless steel construction for other application such as waster filtration, electro-plating line filtration or many other special applications.

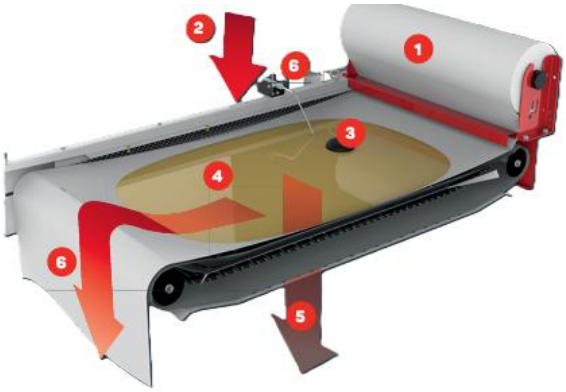


Features:

- Filtration from 10 to 60 microns.
- Flow rate from 50 to 500 l/min.
- Filter media available in stock.
- Effortless maintenance.

Working Principles:

The (1) dirty coolant gets purified by passing through the (2) filter fabric and drains by gravity (3) into the clean containment tank to supply the machine tool by an electro-pump. When the progressive accumulation of (4) sludge and chips clogs the (2) filter media and the coolant can no longer drip through, the liquid level rises together with the (5) floating buoy activating a paper-forwarding sensor. Hence the dirty paper (7) will be dropped into the sludge tank.



Accessori
Accessories

QUADRO ELETTRICO DI GESTIONE *standard o completamente customizzato in base alle esigenze della macchina*

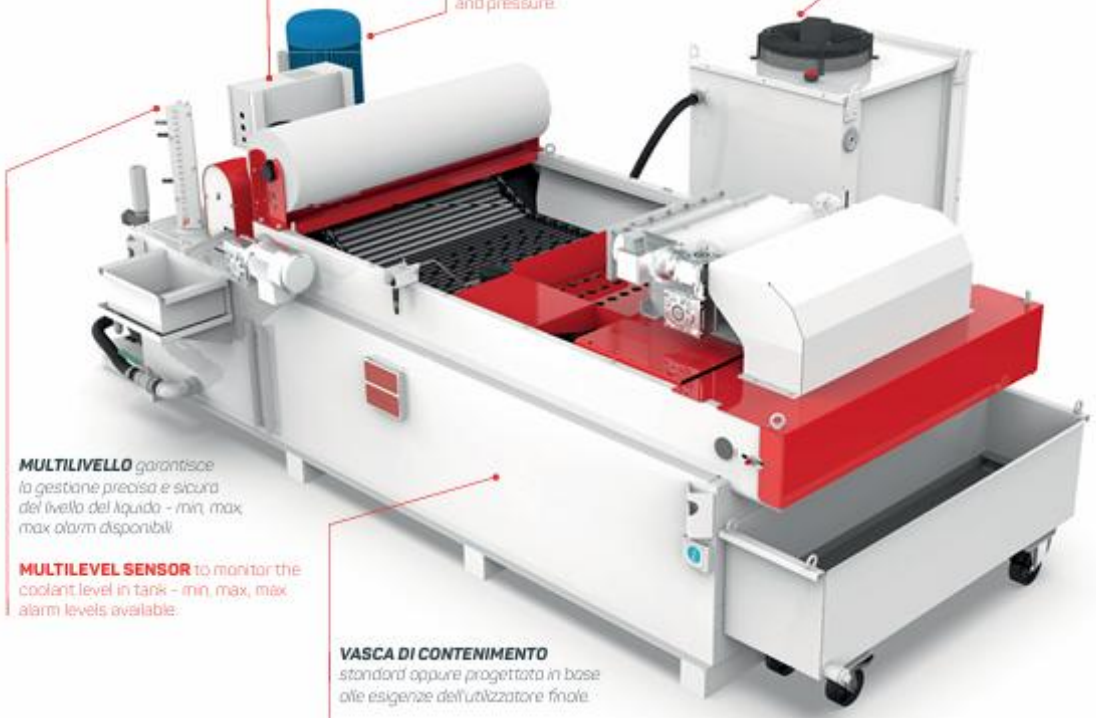
ELECTRICAL CONTROL PANEL standard or completely customized according to the machine tool needs.

ELETTROPOMPA *per il reintegro in macchina del liquido filtrato*

ELECTRO-PUMP to supply clean coolant to the machine tool at required flow rate and pressure.

CHILLER *garantisce la stabilità delle temperature del lubrorefrigerante*

CHILLER to keep temperature control on metalworking coolant.



MULTILIVELLO *garantisce la gestione precisa e sicura del livello del liquido - min, max, max alarm disponibili*

MULTILEVEL SENSOR to monitor the coolant level in tank - min, max, max alarm levels available.

VASCA DI CONTENIMENTO *standard oppure progettata in base alle esigenze dell'utilizzatore finale*

CLEAN COOLANT TANK standard or custom design.



KALAMIT *depuratore magnetico per la separazione di particelle magnetiche da emulsionati od oli interi*

KALAMIT magnetic separator for ferrous/magnetic particles from water-based emulsions or neat oils.



DISOLEATORE *separatore di olio dal lubrorefrigerante*

OIL SKIMMER for separation of tramp oil from water-based emulsion coolants.

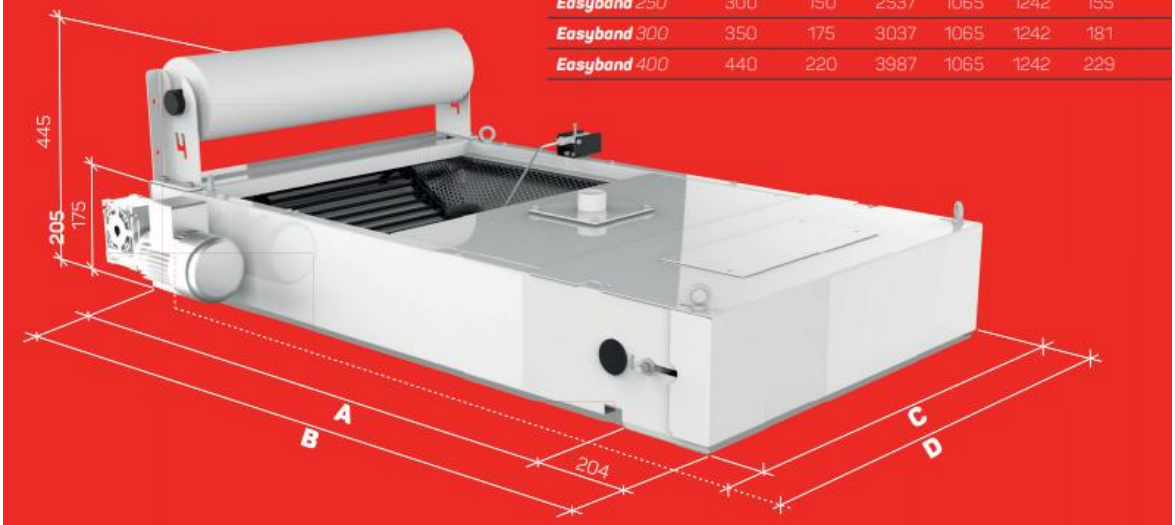


SUPER FILTRAZIONE *a cartucce*

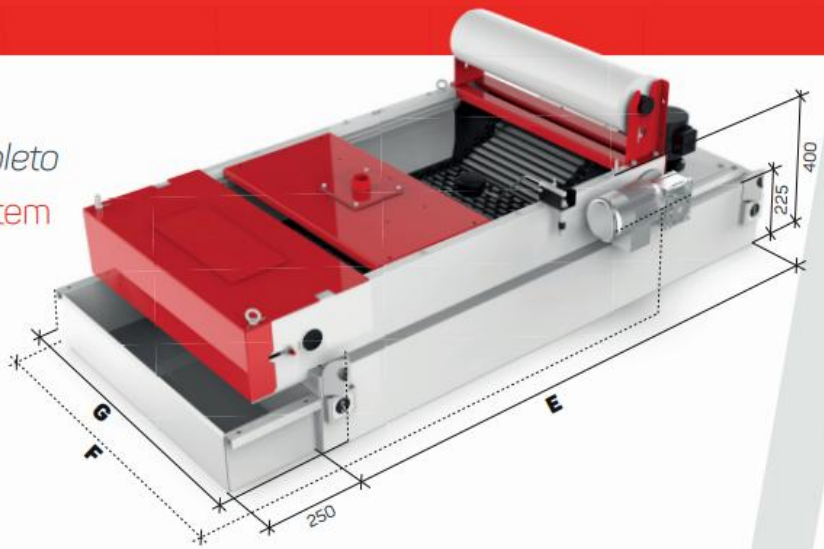
SUPER FILTRATION with cartridges.

Dimensioni principali filtro
Filter main dimensions

Model	Emulsion Flow Rate (l/min)	Neat Oil Flow Rate (l/min)	A (mm.)	B (mm.)	C (mm.)	Weight (Kg)
Easyband 50	70	35	1036	565	742	51
Easyband 100	120	60	1382	765	942	75
Easyband 150	190	95	1592	1065	1242	107
Easyband 200	250	125	2037	1065	1242	130
Easyband 250	300	150	2537	1065	1242	155
Easyband 300	350	175	3037	1065	1242	181
Easyband 400	440	220	3987	1065	1242	229



Impianto completo
Complete system



Model	E (mm.)	F (mm.)	G Tank Width (mm.)	Pump Delivery (liters)	Pump Power (kW)	Tank Capacity (liters)	Pump Hydraulic Head (kW)	Gear-Motor Power (kW @ 50/60Hz)	Weight (Kg)
Easyband 50	1250	792	650	60	0,16	185	0,2	0,12	108
Easyband 100	1600	992	850	100	0,30	320	0,2	0,12	145
Easyband 150	1850	1292	1150	150	0,40	510	0,2	0,12	201
Easyband 200	2300	1292	1150	200	0,53	635	0,2	0,12	241
Easyband 250	2800	1292	1150	250	0,78	770	0,2	0,12	275
Easyband 300	3300	1292	1150	330	1,15	910	0,2	0,12	305
Easyband 400	4300	1292	1150	400	1,47	1185	0,2	0,12	345

Complete assistance for each purifier – we are focused on providing great customer service with each system. We pride ourselves on offering standard and customed filtration solutions.