Since its creation in 1958, SIEBEC has been designing and manufacturing in France a wide range of pumps and filters for industry as well as mini-stations for treating industrial effluents.

The SIEBEC Group is present in more than 40 countries through its subsidiaries and its distributor network.

FRANCE

SIEBEC SAS
9 rue des Platanes
ZAC Vence Ecoparc
38120 SAINT-ÉGRÈVE
Tél. : +33 (0)4 76 26 12 09
Fax : +33 (0)4 76 27 04 82
contact@siebec.com

DEUTSCHLAND

SIEBEC GmbH
Im Grund 11 Postfach 57
75042 WALZBACHTAL
Tel. : +49 (0)7203/91300
Fax : +49 (0)7203/913050
info@siebecgmbh.de

ENGLAND

SIEBEC UK Ltd
Unit 3 - ST.Alban's Business Park
ST. ALBAN'S RD
STAFFORD - ST16 3DR
Ph. : +44 (0)1 785 227 700
Fax : +44 (0)1 785 246 006
sales@siebec.co.uk

ESPAÑA

PRODUCTOS GALVANIZADOS
SIEBEC S.L.
Enric Morera, 14 4º
08950 ESPLUGUES DE LLOBREGAT
Tel : +34 902 03 06 40
+34 93 372 20 24
Fax : +34 902 03 06 50
ventas@siebec.com

SIEBEC SAS - 9 rue des platanes - ZAC Vence Ecoparc - 38120 SAINT-ÉGRÈVE - FRANCE - RCS Grenoble B 499 473 510 - Capital social 3 561 350,00 € - IMPRIMERIE DU PONT DE CLAIX - 38640 CLAIX - Crédits photos : JP ANGEL - FOTOLIA - Conception : www.24-7.fr - This document is not binding

INDUSTRIAL FILTERS

APPLICATIONS

Filtration of galvanic baths (Nickel, Copper, Zinc, Chromium, Gold….)

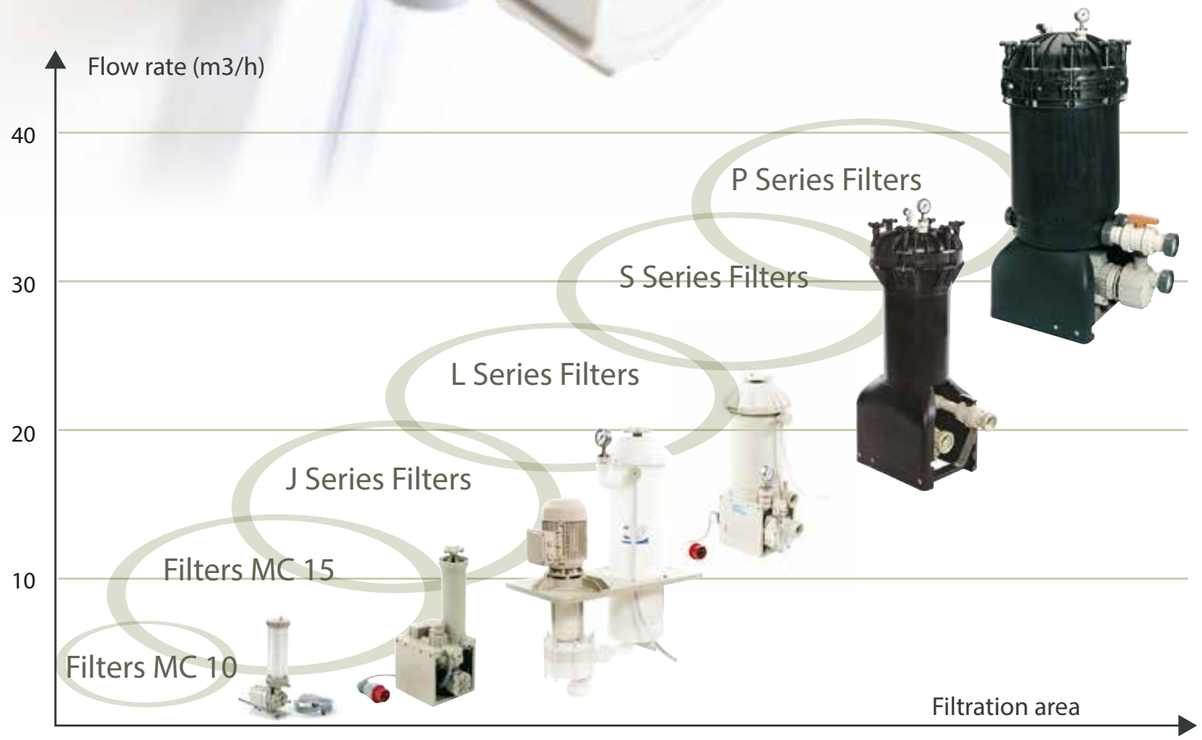
Filtration of chemical products, process fluids and effluents

Filtration and oil removal of pretreatment baths, degreasing baths, cleaning baths

Your Partner

www.siebec.com

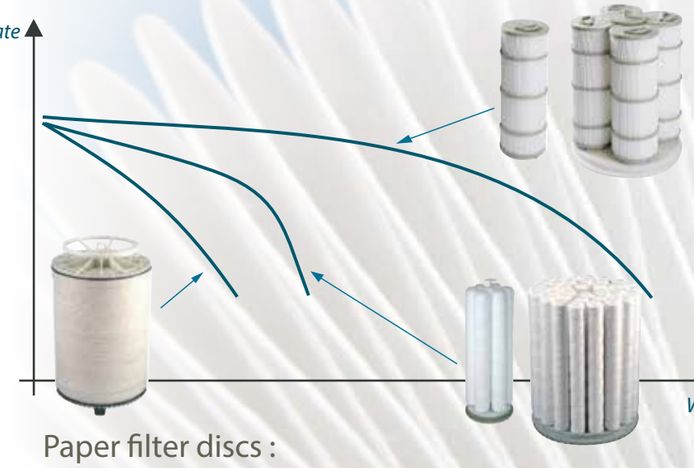
www.siebec.com



- MADE WITH CORROSION-RESISTANT PLASTICS OR STAINLESS STEEL
- EXCLUSIVE L-TECH / S-TECH PLEATED CARTRIDGE FILTRATION SYSTEM
- FILTRATION AREA UP TO 40 M2
- FILTER GAUGE OF 0.2 TO 100 MICRONS

FILTER	PUMPS		FILTERING MEDIA							
			L-TECH / S-TECH Cartridge		STD Cartridge		Plates		Activated carbon canister	Dissolving tank
	Models	Maximum flow (m3/h)	Qty	Filtration area (m2)	Qty	Height	Qty x diam. (mm)	Filtration area (m2)	Volume (l)	Volume (l)
MC4 - MC10	M7	0,37	–		1	4"-10"				
MC15	M15 - M50	1,5 - 4	–		1 - 2	10"-20"				
J15	T50	2,3	–		1	10"-20"				
L20	M15 - M50	1,5 - 4	–				20 x 195	0,45		
L30	M50	4	1	2,5	7	10"	32 x 195	0,72	5,8	
L50	M50 - M70	4 - 5	1	5	7	20"	64 x 195	1,44	11,6	
L51 - L59	M100 - M250	9 - 18	1	5	7	20"	64 x 195	1,44	11,6	16
L52 - L58	M140 - M250	11 - 18	2	10	14	20"	128 x 195	2,88	11,6 x 2	16
L81 - L89	M140 - M250	11 - 18			7	30"	96 x 195	2,16	17,3	16
L82 - L88	M200 - M250	15 - 18			14	30"	192 x 195	4,32	17,3 x 2	16
J30	T50 - T140	3,5 - 9,2	1	2,5	7	10"	32 x 195	0,72	5,8	
J50	T70 - T200	5 - 10,2	1	5	7	20"	64 x 195	1,44	11,6	
S50 - S50E	M100 - M290	9 - 26	2	10	12	20"	60 x 258	2,9	11	30
P50 - P50E	M140 - M250	13 - 23	4	20	36	20"	54 x 456	7,8	11,6 x 4	100
P51 - P51E	M290 - M390 A27 - A30	25 - 36	4	20	36	10"-20"	54 x 456	7,8	11,6 x 4	100
P52 - P52E	M290 - M390 A27 - A30	26 - 38	8	40	92	10"-20"	102 x 456	15,6	11,6 x 8	100
H50	M50	4	Microfibres canister capacity = 11.6 liters/ 700 gr							
H51	M100	9	Microfibres canister capacity = 11.6 liters/ 700 gr							
R3	M7		Ions exchanger capacity = 3 liters							
R12	M15		Ions exchanger capacity = 12 liters							

FILTERING MEDIA



L-TECH pleated cartridges:

Designed and manufactured by SIEBEC, this high-capacity
cartridge (180 mm diameter) fits as standard to SIEBEC L, S and P
filters and covers a wide range of industrial applications.
Washable and re-usable.
Porosity grade from 1 to 50 microns.

Paper filter discs :

For use with all chamber filter units of diameter 195/258/456 mm, a large choice of thin or thick paper discs, polypropylene discs, non-woven polyester discs, PVDF discs and PTFE discs.

Polypropylene wound cartridges:

Inexpensive versatile cartridge.
Porosity grades from 1 to 50 microns.

P Series Filters

High capacity filters

P 51 with canisters

P 51 with L-TECH cartridges

P 50

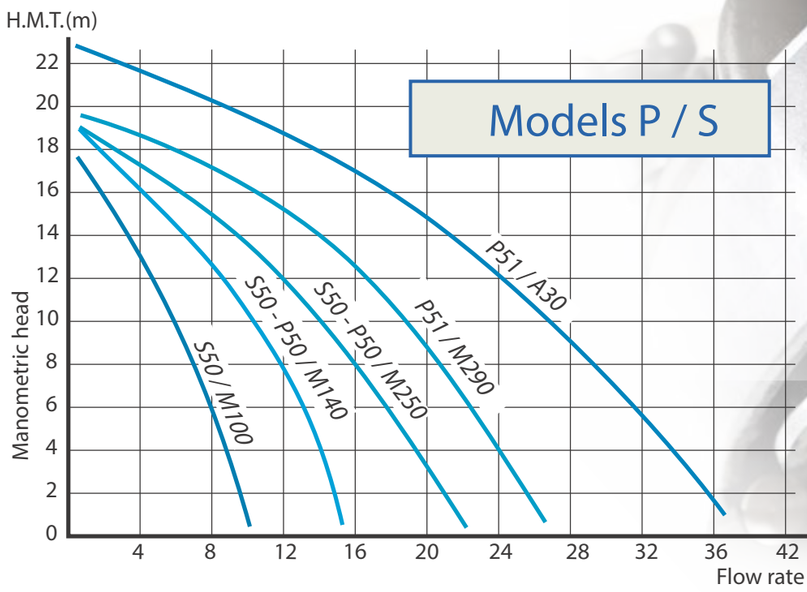
Features	Advantages
Made of injected plastic (Polypropylene reinforced with fibreglass)	High resistance to acids and bases. Max. fluid temperature = 70°C
Filtration on L-TECH pleated cartridges	4 washable cartridges with a very large filtering surface (20 m2) Low operating costs Filter gauge from 0.2 to 100 microns
Choice of optional, interchangeable filtration systems	Filtration on paper with 27 or 54 discs 456 mm diameter Filtration on 36 wound or spun-bonded 20'' cartridges
Choice of magnetic or mechanical drive pumps	Flow rates of 12 to 38 m3/h
Modular design	Very high-capacity double chambered version (until 40 m2 of the filtration area)
Versions with high capacity dissolving tank	Allows the addition of additives, the salt dissolution or the use of filtration agents and activated carbon powder
Optional activated carbon canister, interchangeable with the L-TECH cartridge	Granulated activated carbon treatment
Optional canister microfiber PP interchangeable with L-TECH cartridges	Oil removal from pretreatment bath, degreasing bath.

S Series Filters

S 50

S-TECH cartridges

CARBO-TECH carbon canister



Features	Advantages
Made of injected plastic (Polypropylene reinforced with fibreglass)	Great resistance to acids and bases Max fluid temperature = 70°C (PP)
Filtration on S-TECH pleated cartridges	2 washable cartridges with a very large filtering surface (10m2) Low operating cost Filter gauge from 1 to 50 microns
Choice of optional, interchangeable filtration systems	Filtration on paper with 58 discs 258 mm diameter Filtration on 12 coiled or extruded 20" cartridges
Choice of magnetic or mechanical drive pumps	Flow rates of 9 to 26 m3/h
Versions with high capacity dissolving tank	Allows the addition of additives, the salt dissolution or the use of filtration agents and activated powdered carbon
Option Carbotech system : Prefiltration S-TECH/ activated carbon canister in series	Filtration and granulated activated carbon treatment in series (without any further adaptation piece)

Medium range filters

L 30

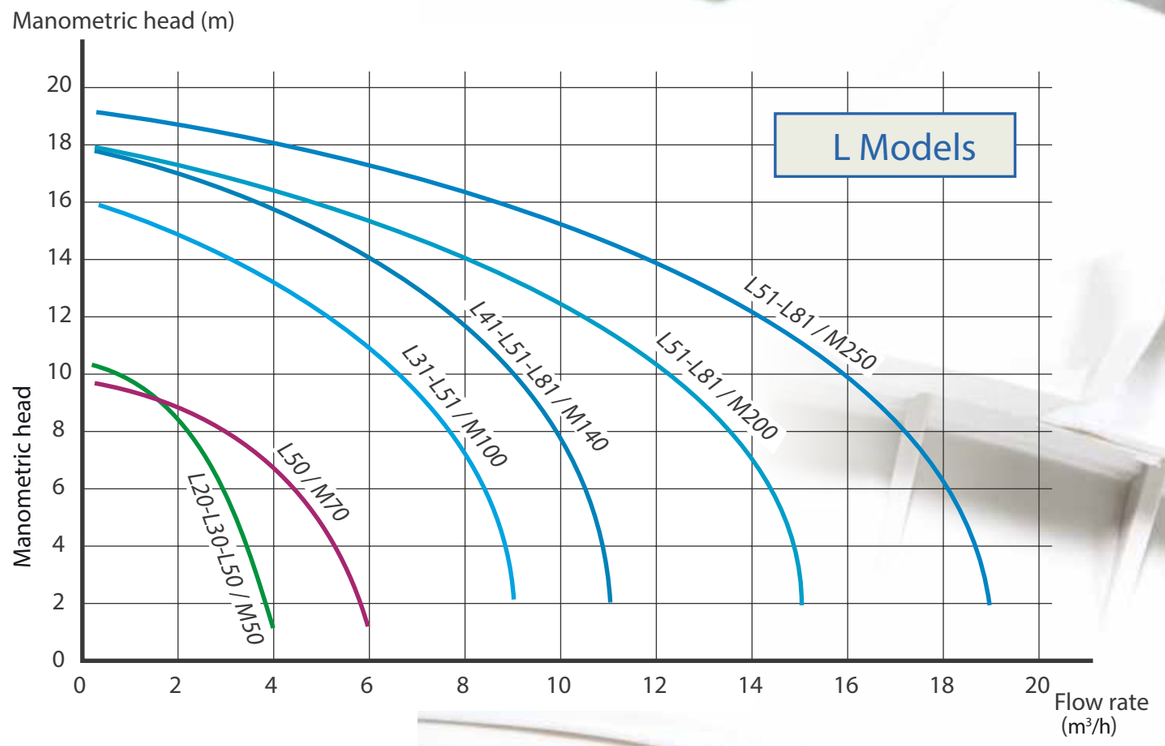
L 51

L 51 PVDF

L 52

Carbon canister

Features	Advantages
Made of injected plastic (Polypropylene or PVDF)	High resistance to acids and bases Max. fluid temperature = 80°C (PP), 110°C (PVDF)
Filtration on L-TECH pleated cartridge	Washable cartridges with a very large filtering surface (5 m2) Low operating costs Filter gauge from 1 to 50 microns
Choice of optional, interchangeable filtration systems	Filtration on paper with 20 to 96 discs 195 mm diameter Filtration on 7 wound or spun-bonded 10"/20"/30" cartridges Filter gauge from 1 to 50 microns
Choice of magnetic or mechanical drive pumps	Flow rates of 1.5 to 18 m3/h
Modular design	Very high-capacity double-chambered version
Version with dissolving vat	Allows the addition of additives or the use of filtration agents and active powdered carbon
Option of activated carbon canister, interchangeable with the L-TECH cartridge	Granulated activated carbon treatment



STAINLESS STEEL FILTERS

High pressure filters

L Model

P Model

Features	Advantages
Tank type L for 1 L-TECH cartridge	Working pressure up to 10 bars, flow rate up to 20 m3/h
Tank type P for 4 L-TECH cartridges	Working pressure up to 7 bars, flow rate up to 100 m3/h
L-TECH pleated cartridges 20''	Large filtering surface, porosity of 0.2 to 100 microns
Made of stainless steel 304 OR 316L	Good resistance to corrosion

OIL EXTRACTORS H SERIES

De-oiling module

Features	Advantages
Made of injected plastic (polypropylene) and FPM seals	High resistance to acids and bases Max. fluid temperature = 70°C
Fitted with a removable polypropylene canister (capacity 11.5 litres) filled with a charge of 100% polypropylene microfibres	The microfibres develop a wide exchange surface and have a large capacity to hold fats and oils: a 11.5 l charge of microfibres (around 0.7 kg) holds an average of 6 litres of oil. They are hydrophobic, and may be compacted and incinerated
Fitted with an automatically primed magnetic drive centrifugal pump	Servicing free. The flow rates can be regulated from 0 to m3/h with the help of the outing valve.

H50

MINIPURE

Treatment mini station for cutting oils (whole oils and soluble oils) and effluents (washing, rinsing waters)

MP53

MP52D

Fixed skimmer

Floating skimmer

Features	Advantages
Multi-tank modular design	Allows associating in-series several technologies : pre-filtration on bags, filtration on cartridges, oil-extraction, treatment on activated carbon or resins
With centrifugal pump or controlled volume pump	Compatible with all viscosities, flow rate of 2 to 10 m3/h
Fixed or floating skimmer option	Allows sucking up pollutions on the surface of baths

FILTERS MC SERIES

Low capacity filter

MC 10

MC 15 - 1x10″

MC 15 - 2x10″

MC 15 PVDF - 2x10″

MC 15 - 2x20″

Features	Advantages
Made of injected plastic (Polypropylene or PVDF)	Great resistance to acids and bases Max. fluid temperature = 80°C (PP) PVDF version for chrome plating baths
Filtration on cartridges	Coiled or extruded cartridges Filter gauge from 1 to 50 micron
Magnetic drive pump	Flow rates of 0.4 to 4 m3/h
Modular design	Double-chambered versions, with in-line or parallel flow

FILTERS J SERIES

Vertical filters

J 15 - 20″

J 50 - 20″

Features	Advantages
Made of injected plastic (Polypropylene or PVDF)	High resistance to acids and bases Max. fluid temperature = 80°C (PP), 110°C (PVDF)
Filtration on L-TECH pleated cartridge (J30 /J50 models)	Washable cartridges with a very large filtering surface (5 m2) Low operating costs Filter gauge from 0.2 to 100 microns
Choice of optional, interchangeable filtration systems (J30 /J50 models)	Filtration on paper with 32 to 64 discs 195 mm diameter Filtration on 7 wound or spun-bonded 10''/20'' cartridges Filter gauge from 1 to 50 microns
Choice of vertical pumps	Flow rates of 1.5 to14 m3/h
Designed to be mounted immersed in the electrolyte	No connecting pipes, no risk of leaks

METAL RECLAIMERS R SERIES

Recovery from rinsing water of metal ions on exchange resin

Features	Advantages
Made of injected plastic (polypropylene)	High corrosion resistance
Recovery of metal ions pulled by rinsing water over ion exchangers	A single run over the exchangers is usually sufficient
Pre-filtering on a 30 micron cartridge	Protects the exchangers from pollution by solid particles or other impurities

R 3

R12

ELECTRUM

Electrolytic reclaimer of precious metals

Features	Advantages
Compact design with filter and integrated rectifier	High capacity for the recovery of gold, palladium, ruthenium, silver, and copper down to concentrations less than 5 ppm
Patented captive cartridge	Captive depositing inside a cartridge without metal loss
Low electric consumption	Fast return on investment