

BIG

OPTIONALS

- f : Flowmeter
- t : Pre coat system
- s : Safe security system
- w : Wheels
- p : Pulley
- r : Splashproof Ring
- i : Splashproof Ring with interlock sensor

OTHER PRODUCTION

- Magnetic drive pumps
- Vertical pumps
- Cartridges and discs filter pumps
- Active carbon columns
- Precious metals recovery (by resin and electrolytic system)
- Demineralizers
- Oil sream

MULTIPROCESS
FILTERING
UNIT



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It is the policy of la fonte always to improve its products, we reserve the right to alter specifications at any time without prior notice.

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FILTER CHAMBER

The filter chamber is made of chemical resistant materials with high mechanical strength:

- PP HD
- PVC/C
- Stainless Steel 316

The strength of the filtering unit together with the great dimensions assures the good treatment of the galvanic bath for temperatures up to 70 °C. The particular closing system of the filter with 12 swing bolts assures the perfect sealing of the unit making the maintenance simpler.

The great filtering surface (6 + 12 m²) of the filter plates and the number of cartridges (32 of 20° or of 30°) reduce the interventions for cleaning of the filter. The special anchoring system of the filter pack on the unit permits the utilisation of cartridges or plates with the same filter pump. The filtering unit is provided with a manometer.



B I G

MULTIPROCESS FILTRATION
AND PURIFICATION SYSTEM

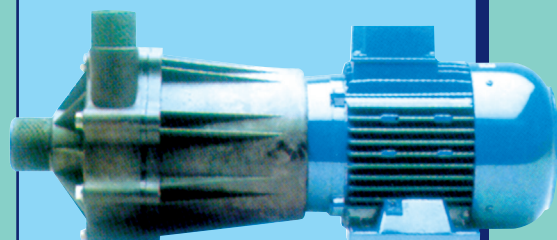


PUMP

It's possible to use magnetic drive or mechanical seal pumps.

Thanks to the operating principle, magnetic drive pumps guarantee excellent working conditions avoiding any leakage.

The nature of the used thermoplastic materials makes the pumps inert to most chemical agents. Conformity to the CE directives guarantees the very good quality and safety of the pumps.



PUMPS BASE

The shell shape and the high resistance to chemical agents are both ideal for the protection of the motor of the pump and serve as a strong support of the filtering unit.

The presence of a group with double suction and double discharge valve of PP and of a valve between the pump and the filter permits the realisation of both operations (filtration and active carbon treatment) using the same equipment.

FILTERS

The great versatility of the filter unit offers to the operator the possibility to choose between different kinds of filtration or purification with the same unit :

- Process filter paper can be replaced by cartridges by simply changing the filter pack situated inside the filter.
- The different kinds of filtration and purification (paper, meraklon cartridges washable pleated cartridges) permit to choose the appropriate system for every galvanic bath filtration.



PRE-COAT TANK

Galvanic bath organic purification happens when the filter chamber is obstructed with active carbon powder. Pre-coat tanks permit to do this operation in the easiest and cleanest way.

Pre-coat tanks offer clean operations, the possibility of facilitating the selfpriming and the possibility to add some products to the bath directly from the pump.



FILTERUNITS SERIES BIG

Mod.	Plates Ø x n°	(m ²)	Cartridges n° x l"	Mod. pump	Max. performance pump (l / h)	Overall dimension (mm)	Weight (Kg)	
							Plates Filter pump	Cartridges Filter pump
BIG	460 x 40	6	-	MPP 251	14.000	640 x 800 x 1330 h	165	135
				MPP 302	20.000		170	140
	-	-	36 x 20	MPP 500	30.000		175	145
				MPP 501	36.000		175	145
BIG	460 x 60	9	-	MPP 302	20.000	640 x 800 x 1550 h	180	160
				MPP 500	30.000		185	165
	-	-	36 x 30	MPP 501	36.000		185	165
				MPP 831	50.000		200	180
BIG	460 x 80	12	-	MPP 500	30.000	640 x 800 x 1750 h	210	-
				MPP 501	36.000		210	-
				MPP 831	50.000		225	-

SPECIAL VERSION

Mod.	Plates Ø x n°	Mod. Pump	PRE-COAT TANK	PULLEY	Weight (Kg)
			Dimension (mm)	Max. Height (mm)	
BIG	460 x 40	MPP 251 MPP 302 MPP 500 MPP 501	110 x 800 x 1330 h	2500	185
					190
					195
					200
BIG	460 x 60	MPP 302 MPP 500 MPP 501 MPP 831	1100 x 800 x 1550 h	3000	205
					220
					230
					245
BIG	460 x 80	MPP 500 MPP 501 MPP 831	1100 x 800 x 1750 h	3500	230
					230
					245

D. Example: BIG / 460x40 / MPP 251 Filter pump 40 plates Ø 460 - Pump MPP 251