

PROFESSIONAL AGRICULTURAL RANGE

Filter selection

1000 and 2000 series screen filters

Reference	Description	Height in mm	Diameter or width in mm	Max. flow in m ³ /h		
505602	1115 FF 1" 1/2 single screen 120 μ	415	120	10		
505610	1220 FF 2" double screen 120 μ	455	152	15		
505628	1320 FF 2" double screen 120 μ	705	152	30		
505631	1430 FF 3" double screen 120 μ	715	152	38		
505636	1430 ND 80" double screen 120 μ	715	152	38		
505644	2020 FF 2" double screen 120 μ	460	460	30		
505651	2030 ND 80 double screen 120 μ	520	520	40		
505669	2040 ND 100 double screen 120 μ	620	620	80		
505670	2060 ND 150 single screen 1.0 mm	790	790	180		

3000 - 3900 series circulation filters

Reference	Description		Diameter or width in mm	Max. flow in m ³ /h		
505792	3015 FF 1" 1/2 120 μ		370	11		
505800	3020 FF 1" 120 μ		400	31		
505818	3030 ND 80 120 μ		460	40		
505826	3040 ND 100 120 μ		565	66		
505834	3060 ND 150 120 μ		920	200		

1900 series screen filters

Reference	Description	Height in mm	Diameter or width in mm	Max. flow in m ³ /h		
505675	1903 VIT 3" x ND 80 single screen 400 μ	680	204	80		
505677	1904 VIT 4" x ND 100 single screen 400 μ	680	204	140		
505679	1906 VIT 6" x ND 150 single screen 400 μ	1040	254	250		

4000 series gravel filters

Reference	Description	Height in mm	Diameter or width in mm	Max. flow in m ³ /h	Backwash flow in m ³ /h	Weight of sand in kg
505750	4162 FF 2"	1050	406	11	10	90
505743	4202 FF 2"	1250	508	20	15	120
505768	4242 FF 2"	1350	610	25	25	210
505727	4303 ND 80	1080	762	35	38	270
505701	4363 ND 80	1100	915	62	54	390
505719	4484 ND 100	1100	1220	120	95	690

5000 series hydrocyclones

Reference	Description	Height in mm	Diameter or width in mm	Max. flow in m ³ /h		
526000	50307 FF 3/4"	400	78	2 to 3.5		
526001	50410 FF 1"	460	103	3.5 to 7.5		
526002	50615 FF 1" 1/2	720	153	7 to 12		
526004	50820 FF 2"	835	204	11 to 17		
526006	50830 FF 3"	935	204	18 to 34		
526012	21640 FF 4"	1720	600	52 to 82		

851 series filters

Reference	Description	Height in mm	Diameter or width in mm	Max. flow in m ³ /h	Backwash flow in m ³ /h	
513105	851 01 FF" 120 m DC	500	155	7	2-3	
513112	851 B15 1" 1/2 120 m DC	560	175	15	4-5	
513117	851 B02 DN50 120 m DC	570	185	25	4-5	
513121	851 B03 DN80 120 m DC	750	195	40	4-5	
513126	851 B04 DN100 120 m DC	770	220	80	4-5	
513140	851 B06 DN150 120 m DC	1310	320	150	8-10	
513145	851 B08 DN200 120 m DC	1530	320	300	12-14	

AUTOMATIC STATIONS 20-40-60-80 M³/H

<i>Automatic filtration 20 m³/h</i>	
Number of filters 4242	1
Inlet diameter	M 2"
Outlet diameter	F 2"
Footprint	1550 x 700
<i>Automatic filtration 40 m³/h</i>	
Number of filters 4242	2
Inlet diameter	ND 80
Outlet diameter	ND 80
Footprint	3200 x 2000
<i>Automatic filtration 60 m³/h</i>	
Number of filters 4242	3
Inlet diameter	ND 100
Outlet diameter	ND 100
Footprint	4000 x 2000
<i>Automatic filtration 80 m³/h</i>	
Number of filters 4242	4
Inlet diameter	ND 100
Outlet diameter	ND 100
Footprint	5000 x 2000

DISK FILTRATION

<i>Manual cleaning filtration characteristics</i>						
Filtration type	Clamp diameter	Filtration surface	Water quality			Backwash flow
			Pond type highly sediment-laden	Canal or river sediment-laden type	Rain type clear	
			Recommended maximum flow			
LCM 2 x 2"	4" ND 100	3398 cm ²	20 m ³ /h	30 m ³ /h	50 m ³ /h	10m ³ /h - 3 bars
LCM 3 x 2"	4" ND 100	5097 cm ²	30 m ³ /h	45 m ³ /h	75 m ³ /h	10m ³ /h - 3 bars
LCM 4 x 2"	6" ND 150	6796 cm ²	40 m ³ /h	60 m ³ /h	100 m ³ /h	10m ³ /h - 3 bars
<i>Helix manual cleaning filtration characteristics</i>						
Filtration type	Clamp diameter	Filtration surface	Water quality			Backwash flow
			Pond type highly sediment-laden	Canal or river sediment-laden type	Rain type clear	
			Recommended maximum flow			
1 x Hélix 2"		1500 cm ²	10 m ³ /h	15 m ³ /h	25 m ³ /h	
2 x Hélix 2"	ND 80	3000 cm ²	20 m ³ /h	30 m ³ /h	50 m ³ /h	
3 x Hélix 2"	ND 100	4500 m ³	30 m ³ /h	45 m ³ /h	75 m ³ /h	
4 x Hélix 2"	ND 150	6000 m ³	40 m ³ /h	60 m ³ /h	100 m ³ /h	
5 x Hélix 2"	ND 150	7460 m ³	50 m ³ /h	75 m ³ /h	125 m ³ /h	
6 x Hélix 2"	ND 150	8952 m ³	60 m ³ /h	90 m ³ /h	150 m ³ /h	

PLASTIC FILTER

<i>Filtration scale of the discs and screens</i>			
<i>Discs</i>		<i>Screens</i>	
Colour	Filtration in microns	Colour	Filtration in microns
Light blue	400		
Green	200	Green	200
Red	130	Red	130
Yellow	100	Yellow	100
Dark blue	50		
Violet	20		
Brown	10		
Black	5		

1000 - 2000 AND 2260 SERIES SCREEN FILTERS

<i>Vertical screen filters</i>					
No.	Description	References			
	1000 series	505602	505610	505628	505636
		1115	1220	1320	1430
1	Screw	503799	503797	503797	503797
2	Strip	503391	503409	503409	503409
3	Cover	503219	503417	503417	503417
4	Cover seal	503227	503230	503230	503425
5	40 mesh inner screen	503235	503235	503268	503433
5	120 mesh inner screen	503250	503250	503441	503458
5	160 mesh inner screen		506030	506037	506044
6	40 mesh outer screen		503466	503474	503474
6	120 mesh outer screen		503516	503490	503490
6	160 mesh outer screen		506058	506051	506051
6	1 mm outer seal		503524	503532	503532
7	Filter seal	503334	503557	503557	503559
8	Pressure tap	501478	501478	501478	501478
9	Outlet gate	503938	503946	503946	503946

<i>Slanted screen filters</i>					
No.	Description	References			
	2000 series	505644	505651	505669	
		2020	2030	2040	
1	Screw	503797	503797	503797	
2	Strip	503409	503409	503805	
3	Cover	503417	503417	503813	
4	Cover seal	503230	503425	503821	
5	40 mesh inner screen	503235	503433	503839	
5	120 mesh inner screen	503250	503458	503854	
5	160 mesh inner screen	506030	506044	506072	
6	40 mesh outer screen	503466	503474	503870	
6	120 mesh outer screen	503516	503490	503896	
6	160 mesh outer screen	506058	506051	506079	
6	1 mm outer seal	503524	503532	503862	
7	Filter seal	503557	503565	503953	
8	Pressure tap	501478	501478	501478	
9	Outlet gate	503938	503946	503946	

3000 SERIES CIRCULATION FILTERS

<i>Circulation filters</i>					
Number	Description	References			
	3000 series	505800	505818	505826	505834
		3020	3030	3040	3060
1	Screw, all filters	503797	503797	503797	
2	Strip	503409	503409	503805	
3	Separator cover				503656
3	Manifold cover	503672	503672	503680	503649
4	Manifold seal	503722	503722	503748	503607
5	Manifold cover seal	503706	503706	503714	503615
6	40 mesh inner screen	503661	503662	503663	503664
6	120 mesh inner screen	506204	506402	506600	506618
6	160 mesh inner screen	506663	506665	506667	506669
6	1 mm outer seal	506626	506634	506642	506659
7	Perforated disc	506683	506683	506691	506717
8	Rubber plug	506733	506733	506725	506741
9	Pressure tap	501478	501478	501478	501478
10	Outlet gate	503946	503946	503946	503946
15	Separator cover seal				503623
16	Separator grill				506675
17	Separator seal				503631

1900 SERIES LARGE FLOW FILTERS

<i>Large flow filters</i>				
Number	Description	References		
	1900 series	505675	505677	505679
		1903	1904	1906
1	Screw	503797	503797	
2	Strip	503805	503805	
3	Cover	513801	513801	513803
4	Cover seal	513805	513805	513807
5	Centring ring	513809	513809	513811
6	Screens	513813	513813	513815
7	Seal	513817	513817	513819
8	Pressure tap	501478	501478	501478
9	Outlet gate	503946	503946	513821
6	160 mesh outer screen		506058	506051
6	1 mm outer seal		503524	503532
7	Filter seal	503334	503557	503557
8	Pressure tap	501478	501478	501478
9	Outlet gate	503938	503946	503946

