

FELEMAMG

magnetism



OVERBAND ELECTROMAGNETS TYPES SF1-RS AND SF1-RC

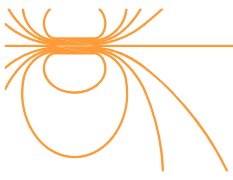
**MAXIMUM ELIMINATION OR RECLAIM OF MAGNETIC
MATERIALS CONVEYED AT HIGH SPEED OR IN DEEP BURDENS**

ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ 30.1-I

Интернет: www.tisys.ru www.tisys.kz www.tisys.by www.tesec.ru www.ти-системс.рф

Телефоны: +7 (495) 7774788, 7489626, (925) 5007155, 54, 65

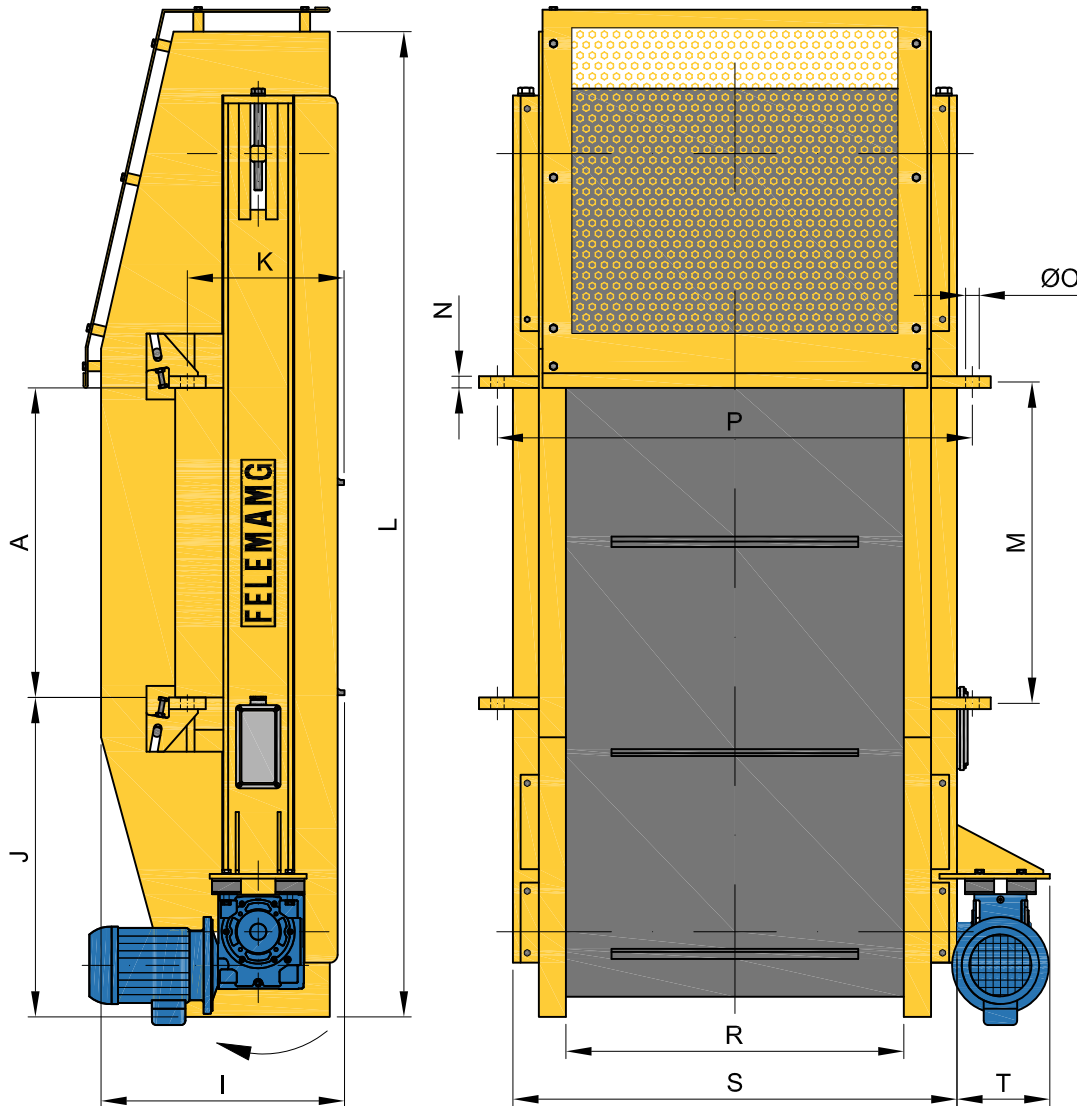
Эл. почта: info@tisys.ru info@tisys.kz info@tisys.by



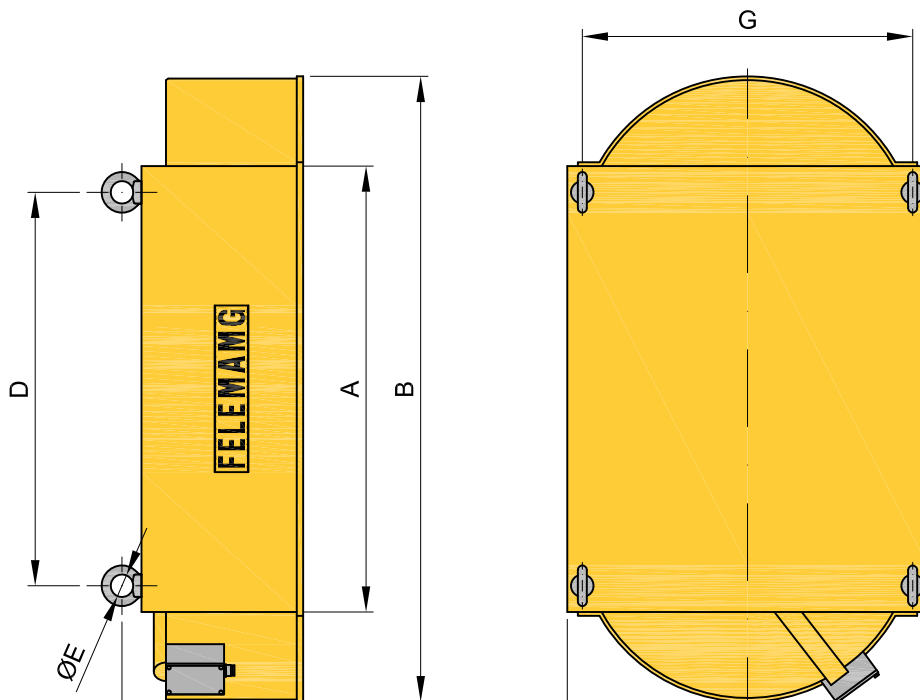
FELEMAMG

m a g n e t i s m

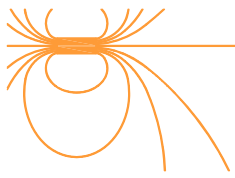
"RC" SEPARATOR



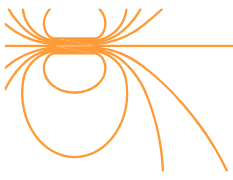
"RS" SEPARATOR



- (*) Magnetic field obtained in "hot condition" with the separator type RS and after 8 hours of continuous operation.
- (**) The geared-motor power and the cleaning belt speed data indicated in the following table are considered as standard, both are adapted to each particular case.



SEPARATOR TYPE	(*400 gauss magnetic field at a distance (mm))	Approx. net weight (Kg)		Power at 0°C (W)	Dimensions (mm)																Motor power (Kw)	Belt speed (m/seg)				
		RS	RC		A	B	C	D	E	F	G	I	J	K	L	M	N	O	P	R			S	T		
SF1-50-RS/40 /50 /65	210	280	630	1.700	400	640	318	340	30	480	450	505	565	345	1.590	420	20	20	765	500	710	225	1,5	2,4		
		350	710	2.000	500	740	440	440								1.690	520									
		450	820	2.350	650	890	590	590								1.840	670									
SF1-60-RS/50 /65 /80	255	460	870	2.100	500	745	345	430	35	580	545	525	605	365	1.790	520	20	20	866	600	810	225	1,5	2,4		
		590	1.000	2.650	650	895	580	580								1.940	670									
		710	1.150	3.200	800	1.045	730	730								2.090	820									
SF1-80-RS/65 /80 /100	330	810	1.400	3.600	650	990	375	570	40	770	720	555	725	386	2.165	675	25	25	1.100	800	1.020	255	2,2	2,3		
		970	1.600	4.300	800	1.140	720	720								2.315	825									
		1.200	1.850	5.150	1.000	1.340	920	920								2.515	1.025									
SF1-100-RS/80 /100 /120 /140	400	1.350	2.100	5.200	800	1.235	400	700	50	970	910	575	762	400	2.380	825	25	30	1.320	1.000	1.240	255	2,2	2,3		
		1.650	2.450	6.250	1.000	1.435	900	900								2.580	1.025									
		2.000	2.800	7.150	1.200	1.635	1.100	1.100								2.780	1.225									
SF1-120-RS/80 /100 /120 /140 /160	480	1.800	2.700	6.400	800	1.290	428	650	60	1.160	1.090	590	825	405	2.546	830	30	35	1.530	1.200	1.450	255	4	2,3		
		2.200	3.150	7.500	1.000	1.490	850	850								2.746	1.030									
		2.600	3.550	8.500	1.200	1.690	1.050	1.050								2.946	1.230									
SF1-140-RS/100 /120 /140 /160 /180	570	3.000	4.000	9.650	1.400	1.890	1.250	1.250							3.146	1.430										
		3.400	4.450	10.800	1.600	2.090	1.450	1.450								3.346	1.630									
		2.700	3.750	8.500	1.000	1.562	460	850	70	1.360	1.280	632	875	435	2.820	1.030	30	35	1.740	1.400	1.650	255	4	2,3		
SF1-160-RS/120 /140 /160 /180	640	3.200	4.300	9.900	1.200	1.762	1.050	1.050							3.020	1.230										
		3.700	4.850	11.000	1.400	1.962	1.250	1.250								3.220	1.430									
		4.200	5.400	12.000	1.600	2.162	1.450	1.450								3.420	1.630									
SF1-180-RS/140 /160 /180 /200	720	4.700	5.900	13.000	1.800	2.362	1.650	1.650							3.620	1.830										
		4.000	5.500	10.500	1.200	1.700	526	1.000	80	1.550	1.400	720	820	505	2.912	1.240	40	40	1.970	1.600	1.880	295	5,5	2,4		
		4.700	6.250	12.000	1.400	1.900	1.200	1.200								3.112	1.440									
SF1-200-RS/160 /180 /200 /220	780	5.800	7.600	13.800	1.400	2.026	536	1.200	80	1.750	1.600	740	1.010	515	3.517	1.440	40	45	2.190	1.800	2.090	295	5,5	2,4		
		6.600	8.450	15.000	1.600	2.226	1.400	1.400								3.717	1.640									
		7.400	9.300	16.400	1.800	2.426	1.600	1.600								3.917	1.840									
SF1-200-RS/160 /180 /200 /220	800	8.000	10.100	17.400	2.000	2.626	1.800	1.800							4.117	2.040										
		8.000	10.100	16.800	1.600	2.330	575	1.400	90	1.940	1.750	780	1.055	550	3.805	1.650	50	50	2.400	2.000	2.280	295	5,5	2,4		
		9.000	11.200	18.300	1.800	2.530	1.600	1.600								4.005	1.840									
															4.205	2.050										
															4.405	2.250										



Both separators may be cross-mounted above the conveyor belt (figure 1 and 2) or alongside at the head of the conveyor (figure 3 and 4).

Choice of the most suitable separator and its collocation depends on several factors:

- Product type
- Material speed and flow rate
- Grain size
- Width of the conveyor belt

Our dedicated experts are at your disposal to advise you and ensure the solution which best fits your needs.

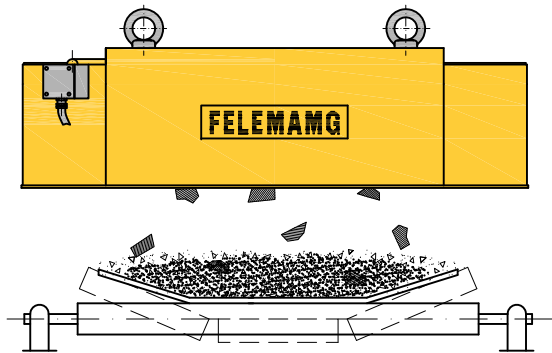


FIGURE 1

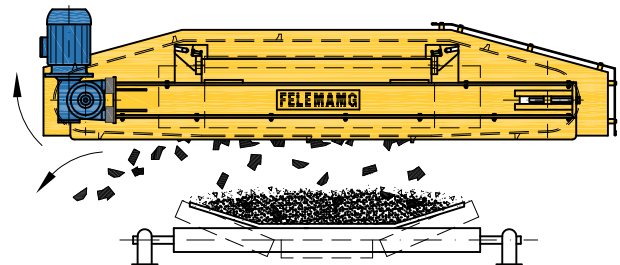


FIGURE 2

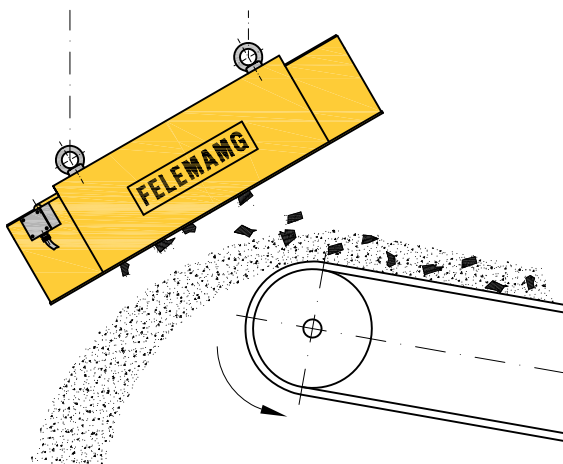


FIGURE 3

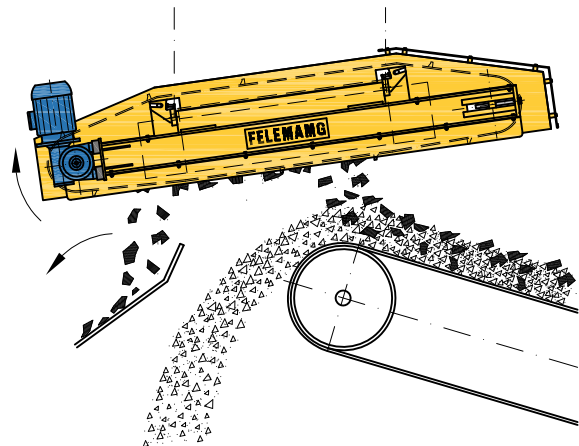


FIGURE 4