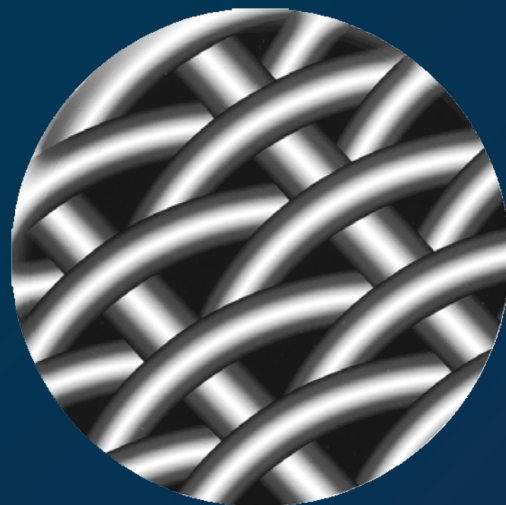




Separators





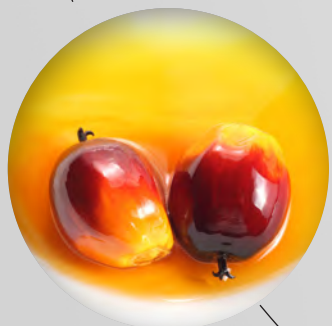
Clay & Mining



Food & Beverage



Oil Refinery & Petrochemicals



Palm Oil

A high quality separator with superior performance and reliability

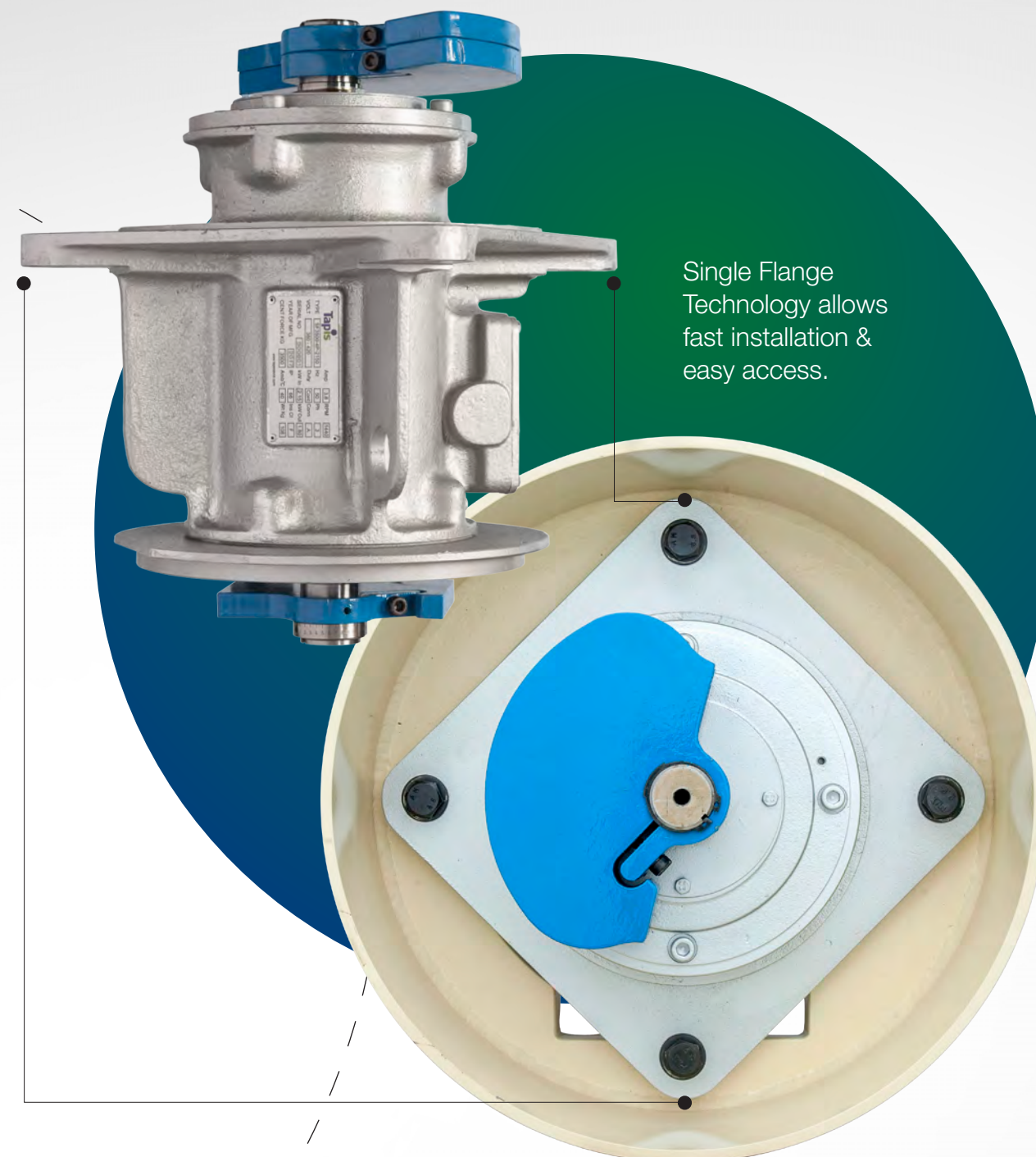
The DF5000 vibrating generator incorporates heavy duty designed for a trouble free service, providing superior performance and reliability with a one year extendable to two year warranty.



Autonomous electro-mechanical lubricator provides frequent, regular and top-up greasing ensuring maximum bearing life.

4 pole - 1500 / 1800 rpm – 50 / 60 hertz
3 phase 380 - 420 volts, class H- insulation, enclosure IP 56

Model : DF 5000
Centrifugal Force - kg : 5,000
Input / Output - watts : 4,500 / 3,700
Full Load Current @
400 volts 50 Hz - amps : 6.4



Single Flange Technology allows fast installation & easy access.

4 pole – 1500 / 1800 rpm – 50/60 hertz
3 phase 380 – 420 volts, class F-insulation, enclosure IP 56

Model	: SF 3500	SF 2500	SF 1400
Centrifugal Force - kg	: 3,500	2,500	1,400
Input / Output - watts	: 2,150 / 1,800	1,335 / 1,150	675 / 500
Full Load Current @ 400 volts 50 Hz - amps	: 3.70	2.50	1.32

Spot Welded with
Gasket

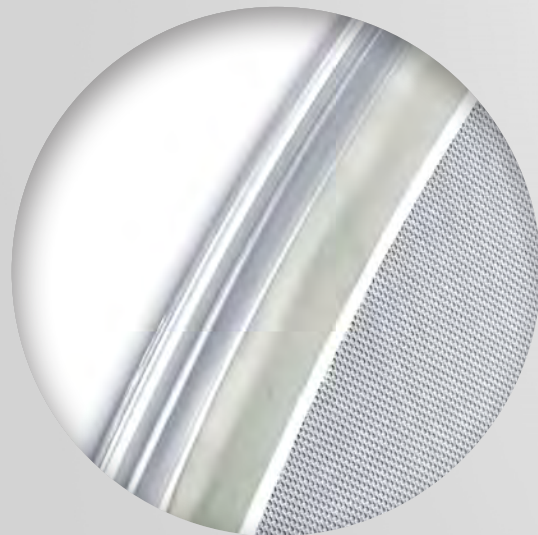


Standard Self
Tensioned



We carry stocks of a wide range of both new and remeshed screens including screens of other makes of separators.

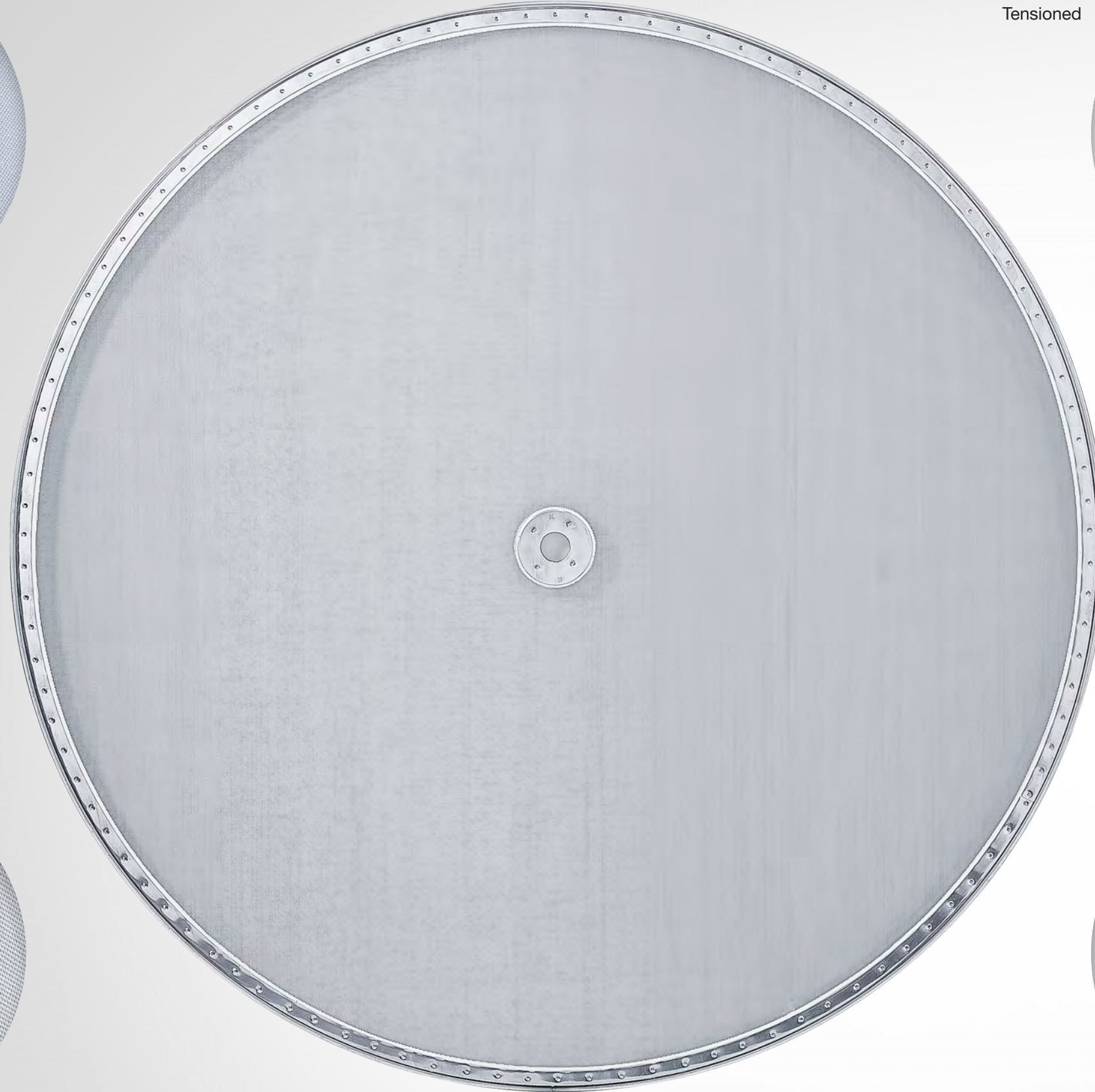
Meshes available in
Stainless Steel 304, 316
and magnetic 430



Food Grade Epoxy

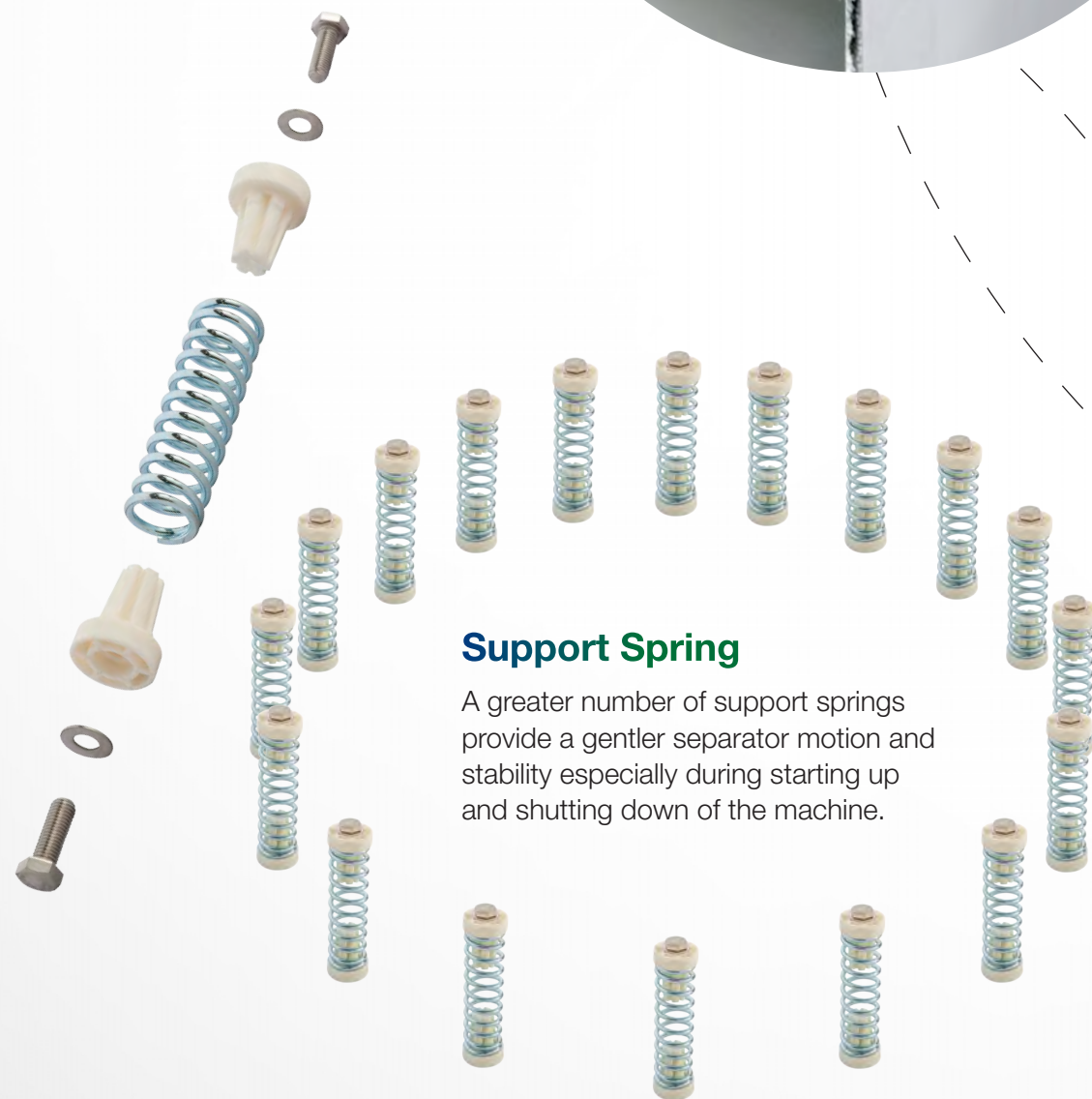
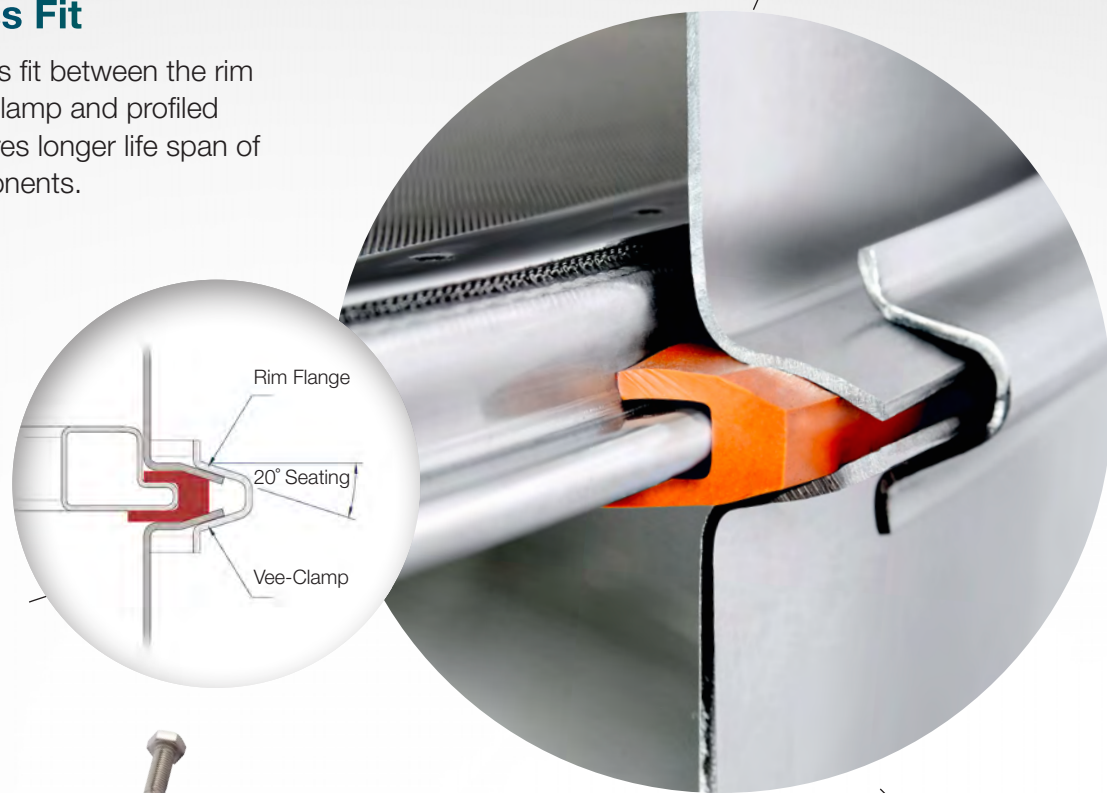


Self Tensioned with
Support Mesh



Seamless Fit

The seamless fit between the rim flange, vee-clamp and profiled gasket ensures longer life span of these components.

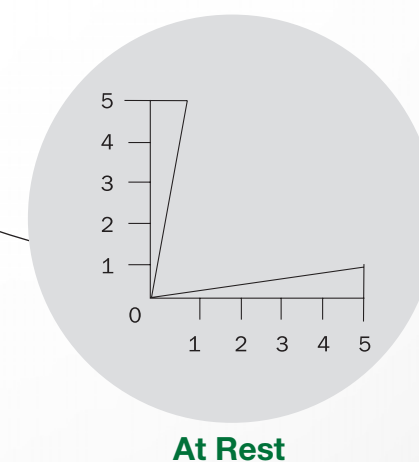
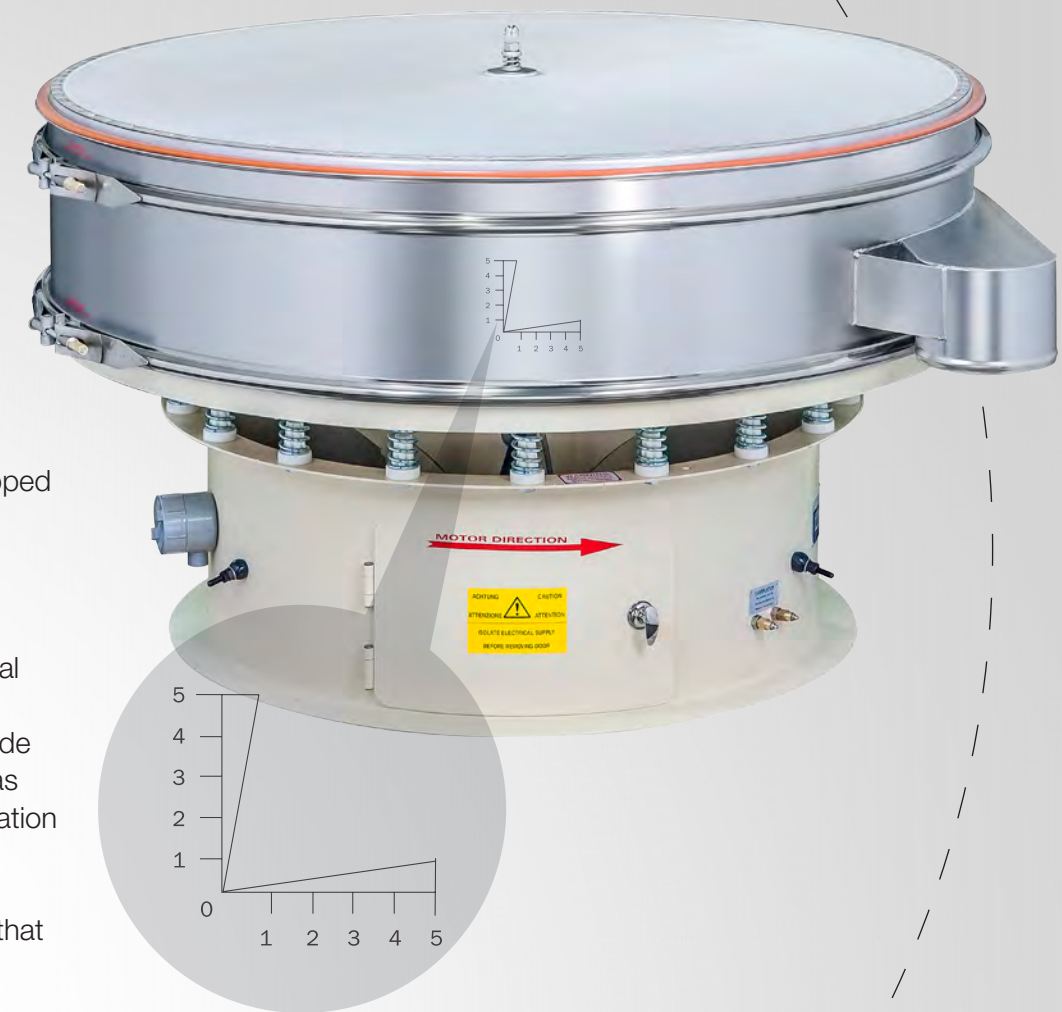


Support Spring

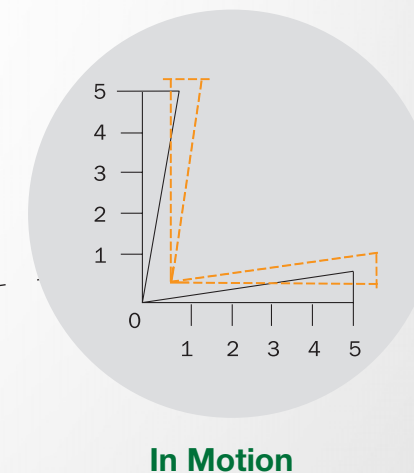
A greater number of support springs provide a gentler separator motion and stability especially during starting up and shutting down of the machine.

Vibration Amplitude Gauge

Each Tapis separator is equipped with a motion indicator on the base rim. This Amplitude Gauge provides the user with instantaneous readings of both the horizontal and vertical strokes, thus providing direct measurements of the amplitude of vibration. Once the user has established the optimum vibration point for the application, this Amplitude gauge allows for immediate checks to ensure that there has been no shifting or tampering of the weights.



At Rest



In Motion

Reading the Amplitude Gauge

While the separator is running, note where the lines appear to cross on each axis.

The reading of the vertical motion is 3.0mm/sec

The reading of the horizontal motion is 4.0mm/sec



Pneumatic Lifting Cover

A special designed cover incorporating both self-lifting and self-lowering functions permits quicker access and easy changing of screens on a single or multiple-decked separator.

This enclosed screening prevents process material from being contaminated and from spilling out of the separator.

The removable nozzle assembly provides multi directional spraying of cleaning and rinsing fluids thereby simplifying the whole cleaning process.

The versatile design meets the needs of both the industrial and environmental requirement.

The three legged base support design allows washing and cleaning of the separator base

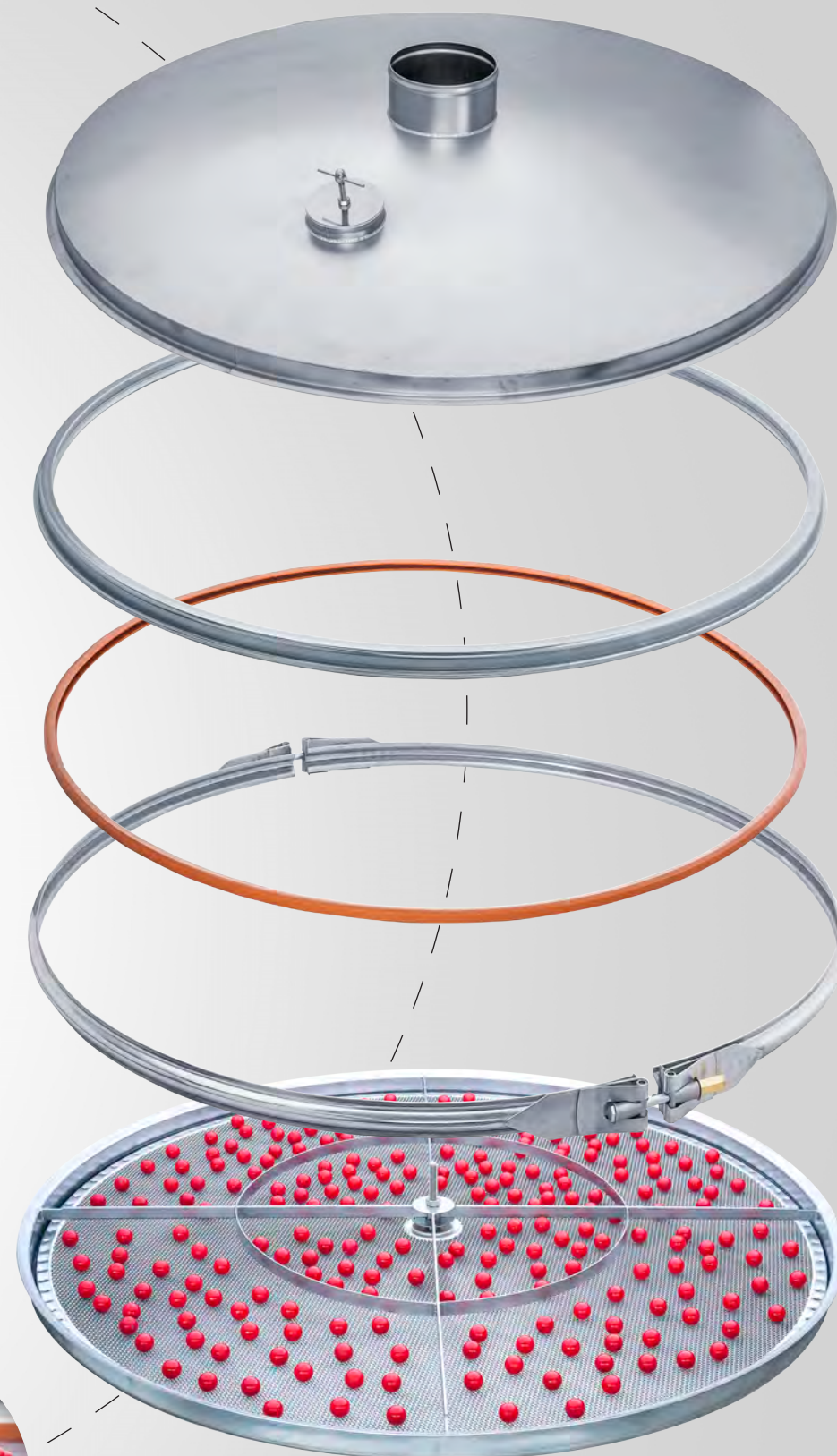
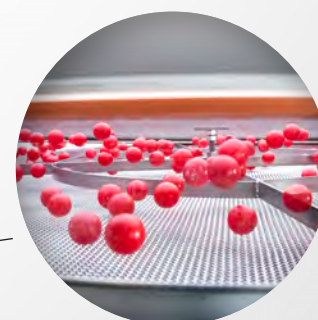
Top Cover

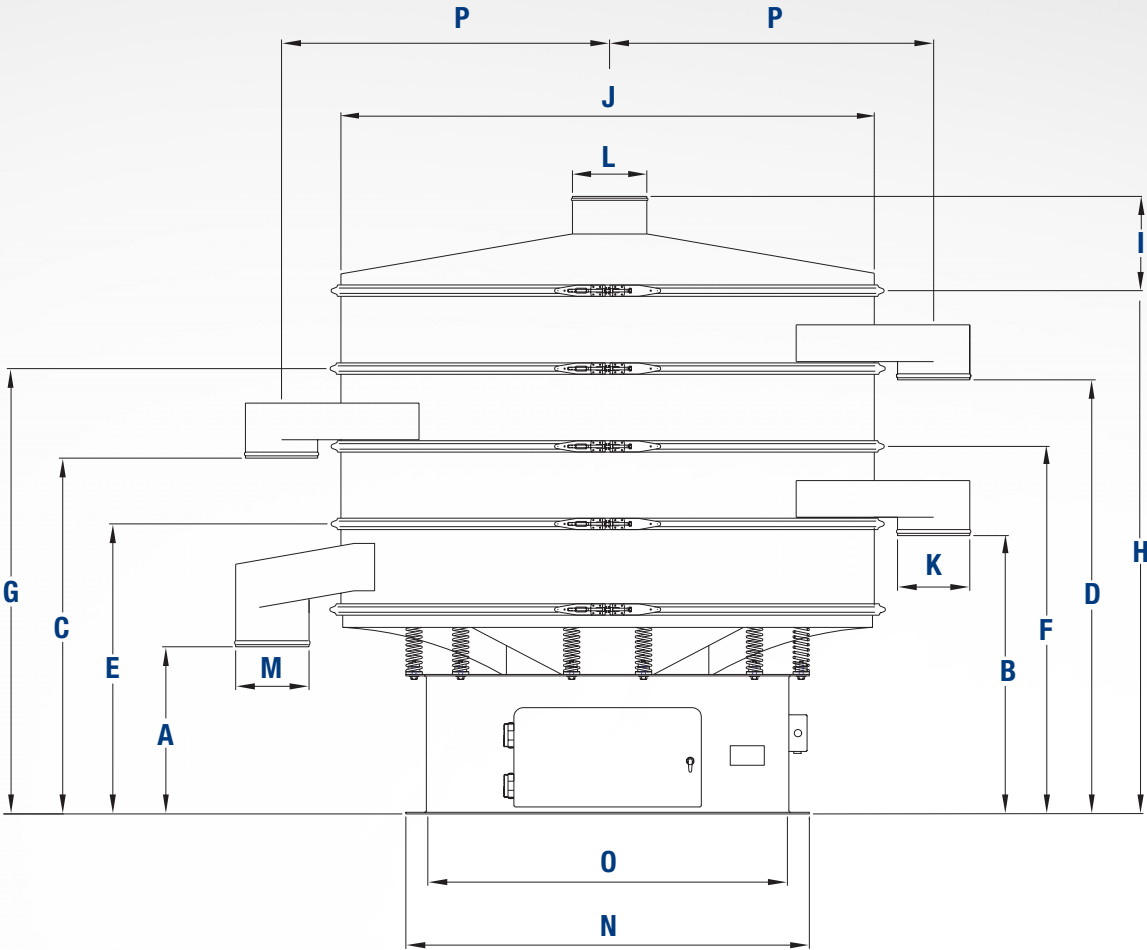
Tensioned Ring

Profile Gasket

Vee-Clamps

Ball Tray Assembly





Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
VSC 600	413	607	745	883	628	766	905	1043	173	640	100	100	150	488	404	445
VSC 800	415	579	746	914	603	770	937	1104	173	802	150	150	150	610	502	550
VSC 1000	419	575	742	909	604	772	939	1106	188	952	150	150	150	610	502	590
VSC 1200	438	717	883	1049	748	914	1080	1246	200	1204	200	200	200	750	650	750
VSC 1500	456	758	970	1183	790	1002	1214	1426	257	1490	200	200	200	1100	980	883

Wirecloth Specifications – Plain Weave

Mesh Count Per Inch	Wire Diameter (mm)	Aperture Size (mm)	Open Area	Weight for Stainless Steel (kg/sq m)
2	2.000	10.700	71%	3.97
2	1.800	10.900	74%	3.22
2	1.600	11.100	76%	2.54
2	1.400	11.300	79%	1.95
3	2.000	6.467	58%	5.96
3	1.800	6.667	62%	4.83
3	1.600	6.867	66%	3.82
3	1.400	7.067	70%	2.92
4	2.000	4.350	47%	7.95
4	1.800	4.550	51%	6.44
4	1.600	4.750	56%	5.09
4	1.400	4.950	61%	3.89
4	1.250	5.100	65%	3.11
4	1.000	5.350	71%	1.99
4	0.900	5.450	74%	1.61
5	1.250	3.830	57%	3.88
5	1.000	4.080	65%	2.48
6	1.600	2.633	39%	7.63
6	1.400	2.833	45%	5.84
6	1.250	2.983	50%	4.66
6	1.000	3.233	58%	2.98
6	0.900	3.333	62%	2.41
6	0.800	3.433	66%	1.91
6	0.710	3.523	69%	1.50
8	1.250	1.925	37%	6.21
8	1.120	2.055	42%	4.99
8	1.000	2.175	47%	3.97
8	0.900	2.275	51%	3.22
8	0.800	2.375	56%	2.54
8	0.710	2.465	60%	2.00
8	0.630	2.545	64%	1.58
8	0.560	2.615	68%	1.25
10	0.900	1.640	42%	4.02
10	0.800	1.740	47%	3.18
10	0.710	1.830	52%	2.50
10	0.630	1.910	57%	1.97
10	0.560	1.980	61%	1.56
10	0.500	2.040	65%	1.24
12	0.800	1.317	39%	3.82
12	0.710	1.407	44%	3.01
12	0.630	1.487	49%	2.37
12	0.560	1.557	54%	1.87
12	0.500	1.617	58%	1.49
12	0.450	1.667	62%	1.21

Mesh Count Per Inch	Wire Diameter (mm)	Aperture Size (mm)	Open Area	Weight for Stainless Steel (kg/sq m)
14	0.560	1.254	48%	2.18
14	0.500	1.314	52%	1.74
14	0.450	1.364	57%	1.41
14	0.400	1.414	61%	1.11
14	0.355	1.459	65%	0.88
14	0.315	1.499	68%	0.69
16	0.630	0.958	36%	3.15
16	0.560	1.028	42%	2.49
16	0.500	1.088	47%	1.99
16	0.450	1.138	51%	1.61
16	0.400	1.188	56%	1.27
16	0.355	1.233	60%	1.00
16	0.315	1.273	64%	0.79
20	0.560	0.710	31%	3.12
20	0.500	0.770	37%	2.48
20	0.450	0.820	42%	2.01
20	0.400	0.870	47%	1.59
20	0.355	0.915	52%	1.25
20	0.315	0.955	57%	0.99
24	0.450	0.608	33%	2.41
24	0.355	0.703	44%	1.50
24	0.315	0.743	49%	1.18
28	0.355	0.552	37%	1.75
28	0.315	0.592	43%	1.38
30	0.355	0.492	34%	1.88
30	0.315	0.532	39%	1.48
30	0.280	0.567	45%	1.17
30	0.250	0.597	50%	0.93
30	0.224	0.623	54%	0.75
36	0.250	0.456	42%	1.12
36	0.224	0.482	47%	0.90
36	0.212	0.494	49%	0.80
40	0.224	0.411	42%	1.00
40	0.200	0.435	47%	0.79
40	0.190	0.445	49%	0.72
50	0.210	0.298	34%	1.10
50	0.200	0.308	37%	0.99
50	0.190	0.318	39%	0.90
50	0.160	0.348	47%	0.64
50	0.150	0.358	50%	0.56
60	0.180	0.243	33%	0.97
60	0.160	0.263	39%	0.76
60	0.140	0.283	45%	0.58

Mesh Count Per Inch	Wire Diameter (mm)	Aperture Size (mm)	Open Area	Weight for Stainless Steel (kg/sq m)
70	0.150	0.213	34%	0.78
70	0.140	0.223	38%	0.68
70	0.125	0.238	43%	0.54
80	0.132	0.185	34%	0.69
80	0.125	0.193	37%	0.62
100	0.112	0.142	31%	0.62
100	0.100	0.154	37%	0.50
100	0.090	0.164	42%	0.40
100	0.080	0.174	47%	0.32
120	0.090	0.122	33%	0.48
120	0.080	0.132	39%	0.38
140	0.080	0.101	31%	0.45
150	0.071	0.098	34%	0.38
150	0.060	0.109	42%	0.27
165	0.050	0.104	46%	0.20
180	0.060	0.081	33%	0.32
180	0.050	0.091	42%	0.22
200	0.050	0.077	37%	0.25
200	0.040	0.087	47%	0.16
230	0.036	0.074	45%	0.15
250	0.040	0.062	37%	0.20
270	0.040	0.054	33%	0.21
270	0.036	0.058	38%	0.17
300 (T)	0.040	0.045	28%	0.24
300 (T)	0.036	0.055	42%	0.13
325 (T)	0.036	0.042	29%	0.21
325	0.028	0.050	41%	0.13
350 (T)	0.030	0.043	34%	0.16
400 (T)	0.028	0.035	28%	0.18
500 (T)	0.025	0.026	26%	0.16
T : Twill Weave				
Aperture		: Space between adjacent parallel wires, in mm.		
Wire Diameter		: Diameter of wire before weaving, in mm.		
Mesh Count		: Number of apertures per lineal inch measured from the centre of one wire to a point 1 inch (25.4 mm) distant.		
Open Area		: The fractional open surface area of the wirecloth in flow direction. (applicable for square meshes only)		

