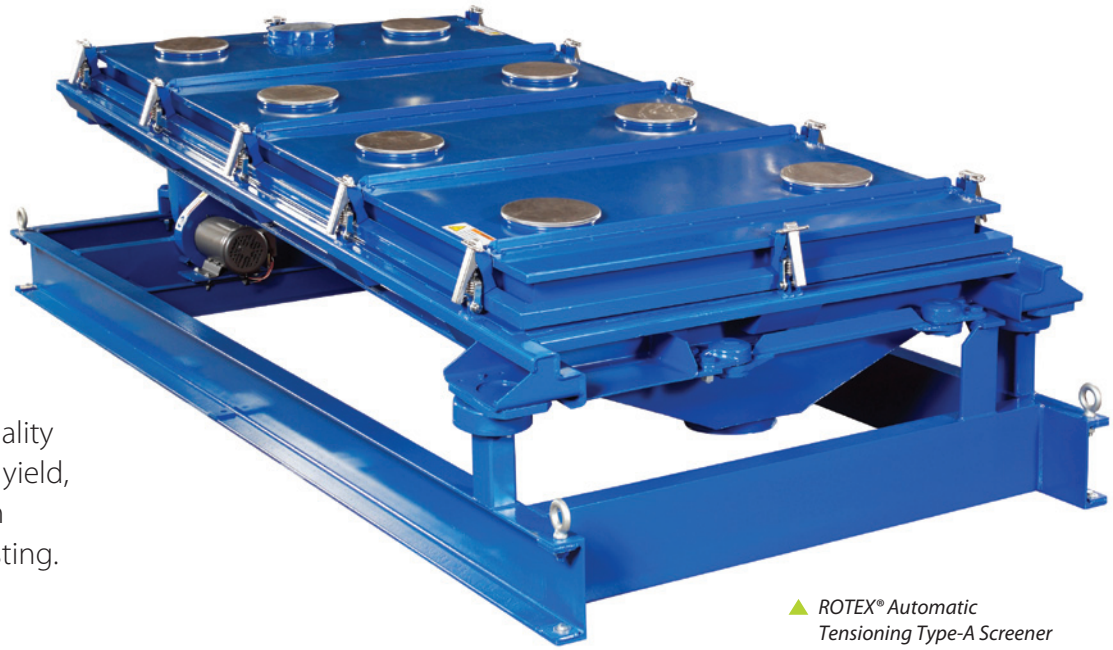
ROTEX®
HIGH PERFORMANCE SCREENERS

› Screener
ROTEX®

Proven Performance, Ease of Maintenance, Industry Standard



▲ *ROTEX® Automatic Tensioning Type-A Screener*

Classic Rotex performance - quality separations, high yield, aggressive screen cleaning, long-lasting.

Rotex® Screeners are designed and built to meet your specific requirements:

- Low angle, Gyratory-Reciprocating Motion gently sifts the material
- Multi deck Rotex screeners produce several grades of product in one machine
- Totally enclosed with effective sealing for clean operation
- Durable construction and wear-resistant impact areas for long life and continuous operation

FREE MATERIAL ANALYSIS

Over 100 years of proven correlation between lab test results and actual field performance:

- Experienced Lab Technicians and Application Engineers recommend machine size, settings and screen openings to ensure accurate, efficient separations
- Comprehensive separation analysis
- Summary report provides data to support ROI decisions

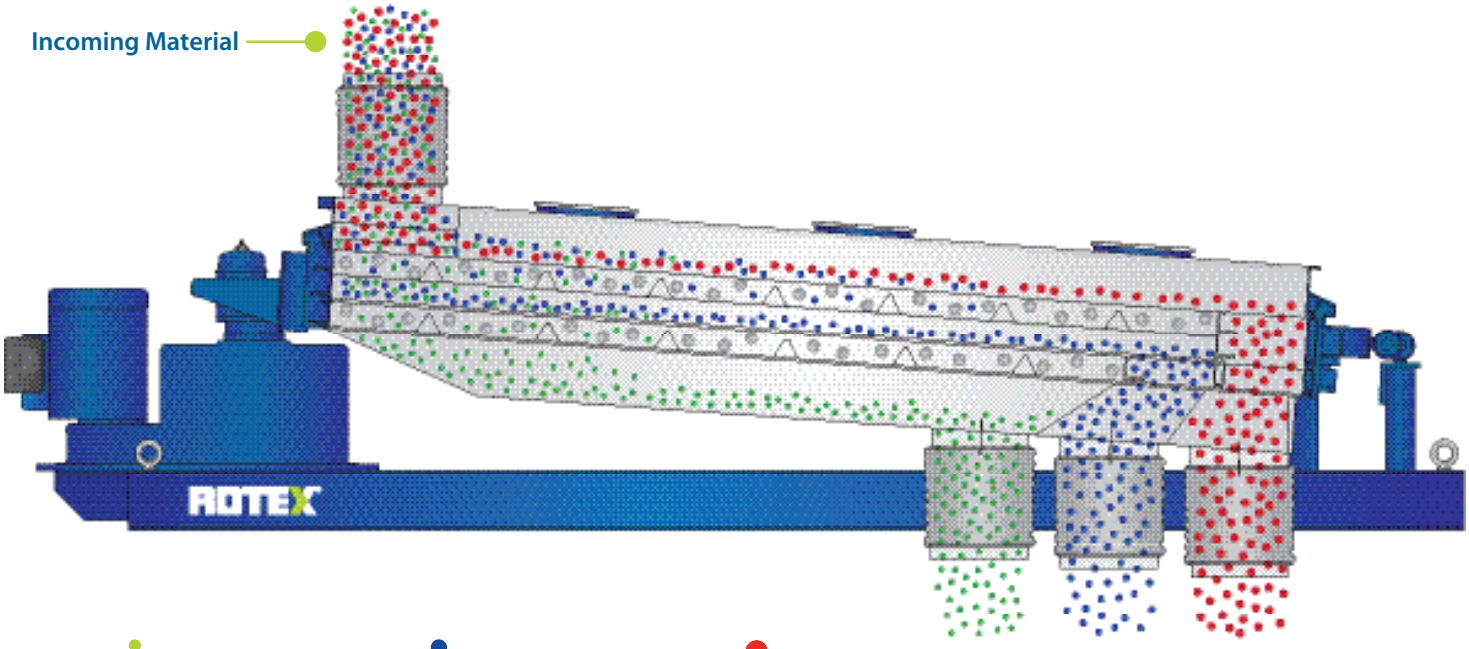
" Rotex screeners have proven themselves for years and years. They are the industry standard for many applications. They are cost-effective and give me the separations I want and need."

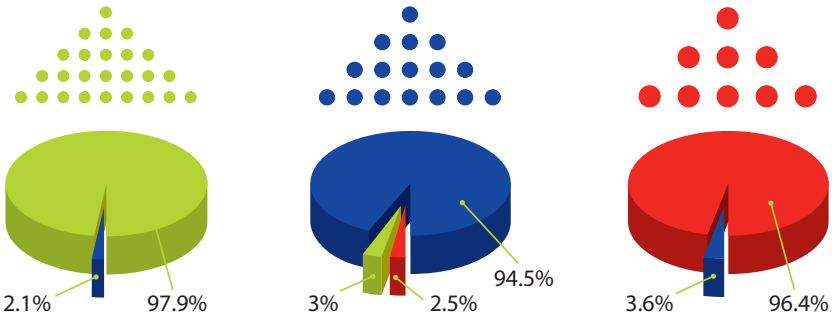
***Plant Manager** - Recycling Industry*

› Over 6,000 Rotex® screeners are installed worldwide

PRODUCT BULLETIN | ROTEX® SCREENER

ROTEX® Benefits





Fines Product Overs

Rotex Screeners produce the highest yields of consistent on-spec product

Gyratory Reciprocating Motion

The Gyratory Reciprocating Motion gradually diminishes along the length of the machine to an elliptical path and finally to a nearly straight line motion at the discharge end.

Circular motion at the feed end

- Spreads the material across the full width of the screen surface
- Stratifies the material
- Aggressively conveys material forward

Changing to elliptical motion at the middle of the deck

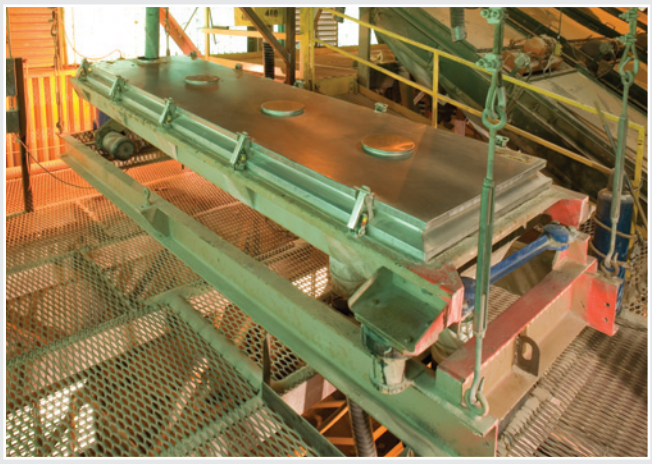
- Long stroke elliptical action
- Enhances product stratification
- Conveys material at high capacity

Reciprocating motion at the discharge end

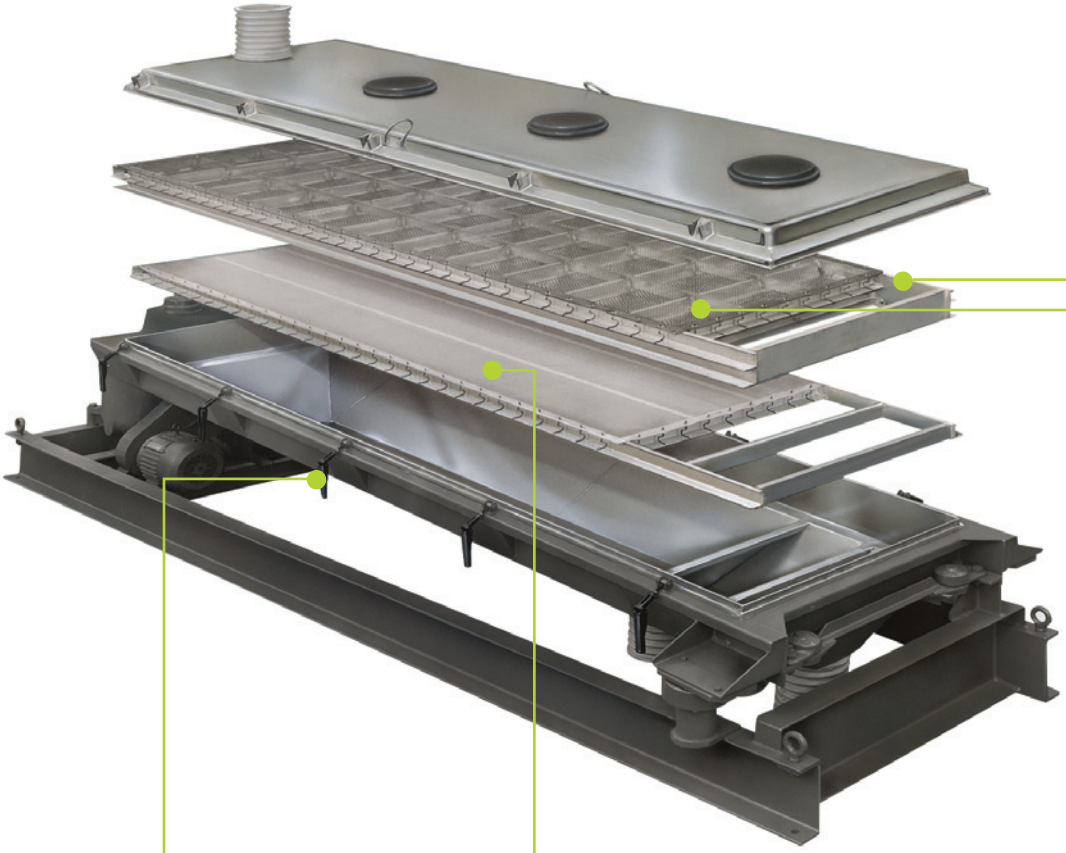
- Removes near-size particles
- Improves screening efficiency
- No vertical component ensures material is in constant contact with the screen surface

Rotex® Benefits

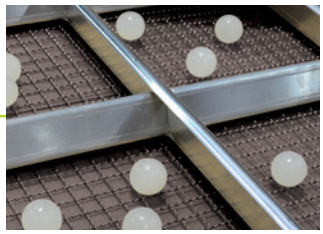
- Long-life and trouble-free operation
- Proven Rotex Gyratory-Reciprocating Motion for unmatched product recovery
- Easy maintenance and access to OEM replacement parts and screens
- Experienced application experts ensure your screen selection and machine settings produce maximum recovery



ROTEX® Features

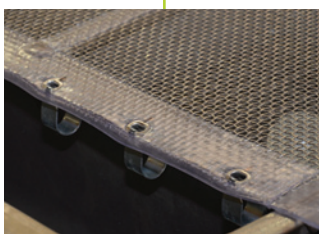


Longevity
Heavy duty all metal construction to withstand harsh environments



Positive Screen Cleaning
Bouncing balls keep screen openings clear, maintaining efficiency and capacity.

Compensating Clamps
Patented, self-adjusting clamps ensure uniform sealing of cover and screen decks

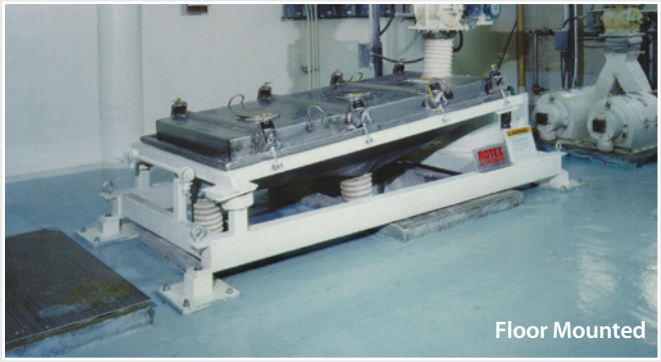


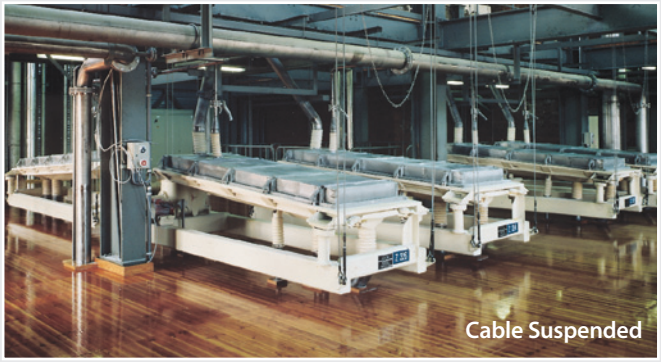
Quick Screen Changes
Patented Quick Snap tension clips mean rapid screen changes and less downtime

Features

- Wide range of sizes from 9 sq ft to 110 sq ft (0.5m^2 to 10m^2) of screen surface
- Replaceable inner and outer seals to control dusting
- Rotex reputation for quality, durability and ease of maintenance
- Cost-effective construction and material options

Installation Options





To find your local Rotex representative visit www.rotex.com

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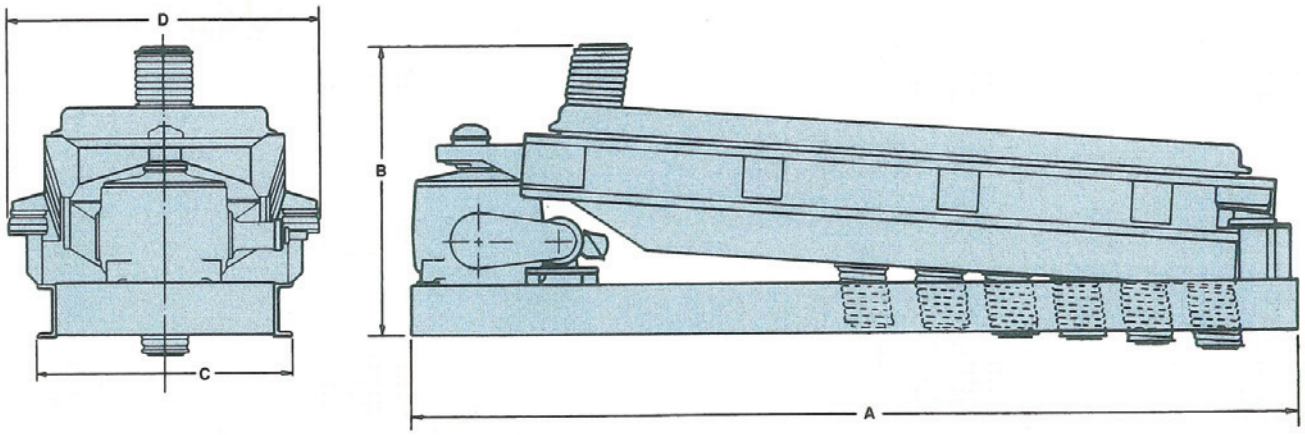
ROTEX® Specifications



The following specifications are for Rotex General-Purpose Screeners of standard construction and range from one through five decks. Overall dimensions may vary depending on mounting and drive head.

No. of Screen Surfaces	General purpose Model No.	Normal Area per Surface		Motor		Principal Dimensions								Shipping Weight	
						A		B		C		D			
		ft^2	m^2	hp	kW	in	mm	in	mm	in	mm	in	mm	lb	kg
1	11	6.6	0.6	0.5	0.37	80	2032	36	910	30	762	26	660	600	272
	3201	12.5	1.2	2	1.5	108	2743	38	965	37	940	39	991	1700	771
	3221	15.6	1.4	2	1.5	102	2591	39	991	46	1168	47	1194	1800	816
	321	23.3	2.2	2	1.5	136	3454	40	1016	46	1168	49	1245	1900	862
	341	33.3	3.1	2	1.5	169	4293	42	1067	47	1194	54	1372	2200	998
	3421	35.0	3.3	2	1.5	134	3404	45	1143	67	1702	71	1803	2200	998
	3432*	23.3	2.2	2	1.5	137	3480	51	1295	52	1321	54	1372	2300	1043
	81	50.0	4.6	3	2.2	193	4902	54	1372	73	1854	78	1981	5300	2404
	521	60.0	5.6	7.5	5.5	231	5867	56	1422	77	1956	84	2134	6700	3039
	581	80.0	7.4	7.5	5.5	226	5740	51	1295	97	2464	104	2642	7200	3265
	532*	50.0	4.6	7.5	5.5	192	4877	61	1549	77	1956	85	2159	7400	3356
	732*	80.0	7.4	10	7.5	216	5486	73	1854	102	2591	108	2743	13500	6122
2	12	5.1	0.5	0.5	0.37	77	1956	33	838	30	762	29	737	500	227
	322	15.6	1.4	2	1.5	108	2743	44	1118	51	1295	52	1321	1900	862
	342	23.3	2.2	2	1.5	137	3480	47	1194	52	1321	55	1397	2200	998
	82	33.3	3.1	3	2.2	174	4420	55	1397	50	1270	61	1549	3200	1451
	842	35.0	3.3	3	2.2	164	4166	56	1422	76	1930	81	2057	5300	2404
	852	41.7	3.9	5	3.7	179	4547	55	1397	77	1956	81	2057	4500	2041
	52	50.0	4.6	7.5	5.5	206	5232	52	1321	80	2032	83	2108	8600	3900
	522	60.0	5.6	7.5	5.5	227	5766	56	1422	77	1956	84	2134	9000	4082
	582	72.0	6.7	7.5	5.5	213	5410	60	1524	89	2261	89	2261	9200	4172
	5722	80.0	7.4	7.5	5.5	222	5639	58	1473	88	2235	88	2235	7400	3356
	722	80.0	7.4	10	7.5	219	5563	72	1829	102	2591	108	2743	11700	5306
	72	100.0	9.3	10	7.5	275	6985	72	1880	89	2261	89	2261	12400	5624
3	3203	12.5	1.2	2	1.5	117	2972	48	1219	41	1041	42	1067	1900	862
	343	23.3	2.2	2	1.5	138	3505	52	1321	52	1321	54	1372	2200	998
	83	33.3	3.1	3	2.2	174	4420	57	1448	56	1422	61	1549	4300	1950
	53	33.3	3.1	7.5	5.5	196	4978	61	1549	60	1524	65	1651	6900	3129
	843	35.0	3.3	3	2.2	175	4445	61	1549	62	1575	66	1676	5600	2540
	523	50.0	4.6	7.5	5.5	207	5258	61	1549	77	1956	84	2134	9000	4082
	583	72.0	6.7	7.5	5.5	213	5410	60	1524	89	2261	89	2261	9200	4172
	73	80.0	7.4	10	7.5	216	5486	74	1880	102	2591	109	2769	13100	5941
4	324	8.9	0.8	2	1.5	121	3073	47	1194	31	787	33	838	1700	771
	344	20.0	1.9	2	1.5	136	3454	52	1321	52	1321	55	1397	2200	998
	54	33.3	3.1	7.5	5.5	211	5359	62	1575	60	1524	64	1626	6800	3084
	704	50.0	4.6	10	7.5	Contact Rotex for details									
5	55	33.3	3.1	7.5	5.5	210	5334	60	1524	60	1524	64	1626	8500	3855

* Indicates two deck independently fed. Total area is 2 x nominal area per surface.