

ROTEX®

HIGH PERFORMANCE SCREENERS

Meet the machine that launched an industry.

Precise. Rugged. Versatile. The ROTEX® industrial screener with automatic tensioning delivers on-spec product with less rejection of good materials for increased profits. ROTEX® endures today as the industry standard, thanks to countless applications in the toughest conditions around the world.



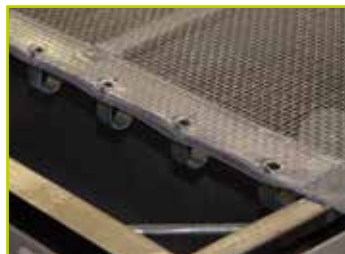
ROTEX® Automatic Tensioning Screener

FEATURES



Compensating Clamps

Patented self-adjusting clamps ensure uniform sealing throughout the screener.



Automatically Tensioned Screens

Patented quick-snap tension clips allow for even tensioning across the entire screen.



Customizable Options

Ask your Rotex representative how we can fully customize your machine inlets/outlets and add liners, decks, aspiration and more.

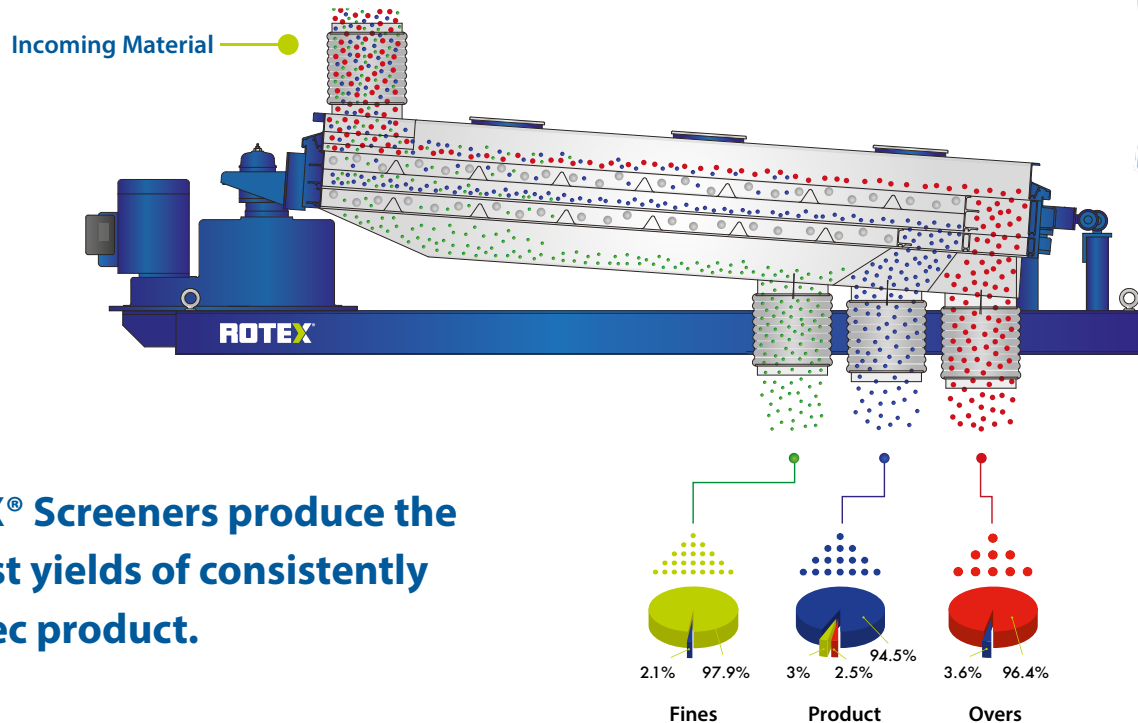


Positive Screen Cleaning

Mesh cleaning balls keep screen openings clear, maintaining efficiency and capacity.

How It Works

Rotex patented the innovative concept of Gyratory Reciprocating Motion and perfected it over years of lab testing, custom installations and field experience. No other solution combines low-angle screening with long-stroke and low-frequency characteristics in a single machine. This dynamic combination results in greater efficiencies, superior particle accuracies and higher yields.



ROTEX® Screeners produce the highest yields of consistently on-spec product.

BENEFITS

- Eliminates Screen Blinding**
Through the use of our mesh cleaning balls and Gyratory Reciprocating Motion, material blinding is virtually nonexistent.
- Consistent Screen Tension**
The screen is automatically tensioned with each new installation through the use of our unique screen-attachment method.
- Longevity and Durability**
Rotex drives are designed for long-term, trouble-free service with minimal maintenance.
- Increased Screening Performance**
All Rotex machines deliver greater efficiencies, superior particle accuracies and higher yields.

ADDITIONAL MODELS

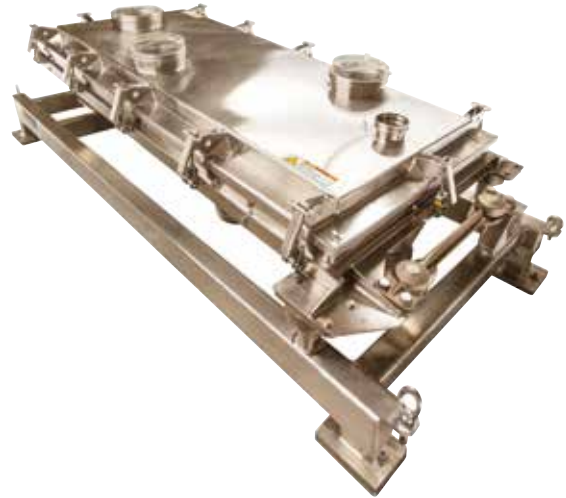
ROTEX® General Purpose

The ROTEX® general-purpose screener is a cost-effective solution that uses proven Rotex technology, but with wooden screen frames.



ROTEX® Dairy Screener

The ROTEX® Dairy Screener was custom-designed to meet the strict needs of the 3A dairy industry — higher yields and finer separations with no blinding.



INSTALLATION

Floor Mounting

Because the ROTEX® counterbalanced drive has low transmitted forces, the Rotex can be floor-mounted in properly designed structures, a design feature unique to this type of equipment.



Cable Suspension

ROTEX® Screeners can be cable-suspended from the four corners of the machine, thereby isolating screening forces from the surrounding structure. Note that certain ROTEX models can only be cable-suspended.





PARTS AND SERVICE

Every Rotex machine and every Rotex part is backed by a team of service representatives and technical support staff who offer guidance before, during and after the sale. Find out more at rotex.com.

FREE MATERIALS TESTING

See firsthand how your materials perform under various industrial screening conditions. This is a free service that helps create a custom-fit solution to best meet the needs of your application. Ask your representative about free materials testing or see complete details on the Rotex website.

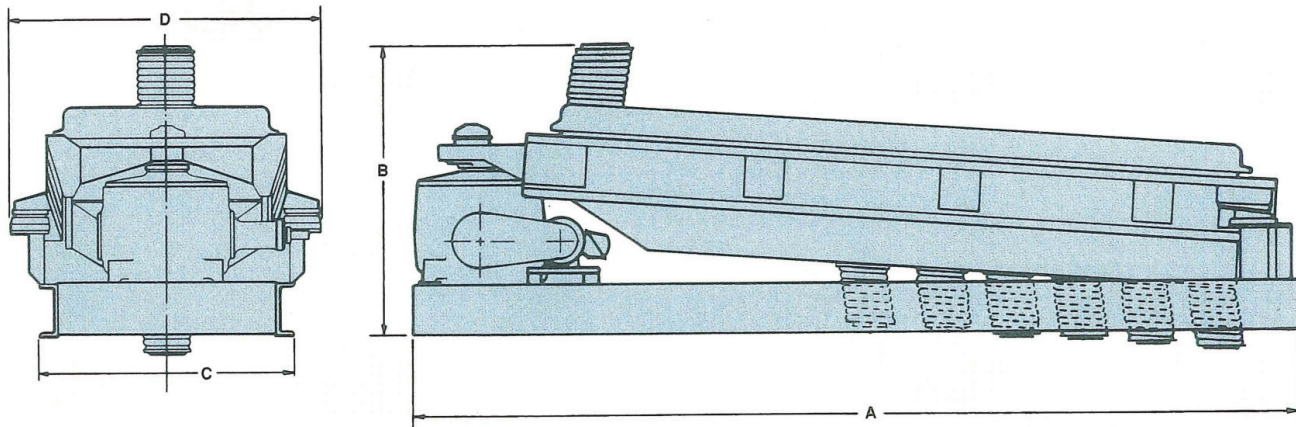
To find your local Rotex representative, visit rotex.com.



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rotex.com



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			
		ft²	m²	hp	kW	in	mm	in	mm	in	mm	in	mm	lb	kg
1	11	6.6	0.6	0.5	0.37	80	2032	32	813	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
	81	50.0	4.6	3	2.2	193	4902	54	1372	73	1854	78	1981	5300	2404
	8521	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	215	5461	52	1321	89	2261	89	2261	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	234	5944	73	1854	89	2261	89	2261	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	74	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.