

Mogensen Double Deck Vibratory Enclosed Screens EDRSL



Mogensen Double Deck Enclosed Screens are designed to give efficient separation of a wide variety of materials. Although primarily intended for the food, chemical and process industries, depending on the application, they are capable of handling coarser materials such as crushed stone, gravel etc.

Screen capacities vary considerably depending on the type of material and separation size required. Please consult us giving tonnage, separation size, and approximate material analysis, and we shall be pleased to advise.

Although the screens can be supplied with suspension mountings it is preferable for them to be base mounted when they are more stable and less likely to suffer from lateral movement.

When installed it is necessary for clearance of 50mm minimum to be maintained between the screens and adjacent steelwork. Feed arrangements to the screens should ensure an even spread of materials,(without any hopper loading) preferably directed onto the replaceable wear plate which is provided. All types of screen cloths can be fitted including rubber, plastic, perforated plates and wedge wire.

The Screens are Fully Enclosed with Quick Release Velcro Covers and flanged inlets and outlets to utilise dust encapsulation systems
The screens are constructed from good quality steel plate and can be galvanised if required. Alternatively screens can be constructed entirely of stainless steel at extra cost.

Dustproof and weatherproof electric out of balance INVICTA vibrators, fitted with large roller bearings and totally enclosed, provide reliable trouble-free drives for intermittent and continuously rated duties. Certain sizes of vibrators can be supplied flameproof certified for Groups 2A and 2B gases. The vibrators are designed to operate from a 3 phase 50 cycle supply at up to 650 volts. A direct on line starter is all that is required to operate the screens and this can be supplied as an extra if required.

Some control of screening efficiency can be obtained by changing the direction of the vibrator rotation and/or adjustment of the out-of-balance weights, although for greater efficiency throughput is usually reduced and vice versa.

Fully dimensioned installation drawings are supplied on request.

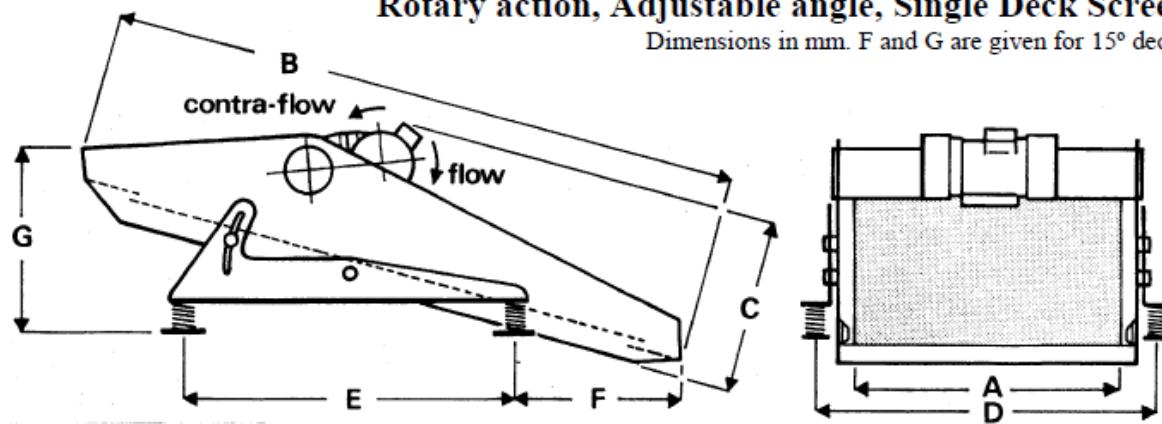


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DIMENSIONS & WEIGHTS

Rotary action, Adjustable angle, Single Deck Screens

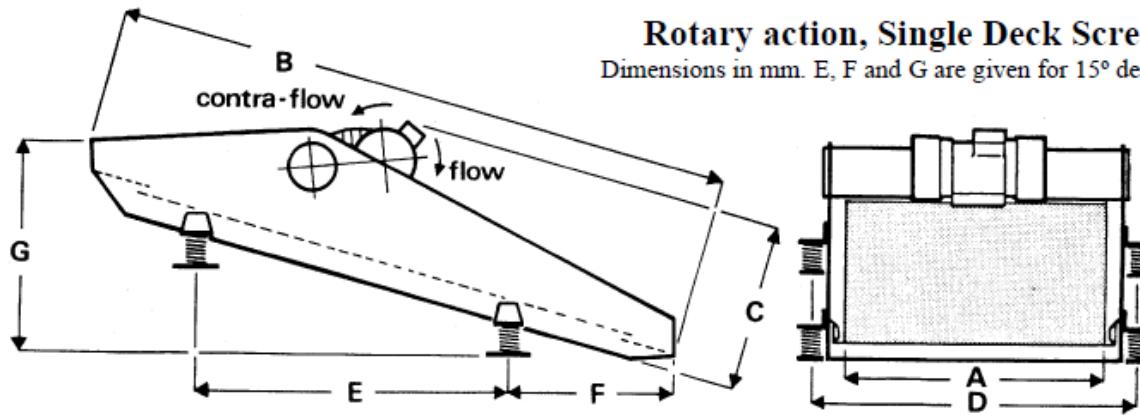
Dimensions in mm. F and G are given for 15° decline



SCREEN TYPE	Watts	SCREEN AREA	A	B	C	D	E	F	G	Wt. (kg)
SRSL-900/450-K54	250	0.40 sq.m.	450	1160	425	675	500	340	480	110
SRSL-1220/610-A7.54	500	0.74 sq.m.	610	1565	465	850	915	380	575	190
SRSL-1200/915-A114	500	1.12 sq.m.	915	1565	465	1155	915	380	575	215
SRSL-1500/630-A114	500	0.94 sq.m.	630	1825	570	880	900	480	665	230
SRSL-1500/800-A114	500	1.20 sq.m.	800	1825	570	1050	900	480	665	245
SRSL-1500/1000-A114	500	1.50 sq.m.	1000	1825	570	1250	900	480	665	265
SRSL-2000/1000-K184	960	2.00 sq.m.	1000	2325	640	1260	1200	565	750	350
SRSL-2500/1000-K276	1300	2.50 sq.m.	1000	2955	810	1300	1500	737	919	670
SRSL-2500/1250-K276	1300	3.12 sq.m.	1250	2955	810	1550	1500	737	919	750

Rotary action, Single Deck Screens

Dimensions in mm. E, F and G are given for 15° decline



SCREEN TYPE	Watts	SCREEN AREA	A	B	C	D	E	F	G	Wt. (kg)
SRSL-900/450-K54	250	0.40 sq.m.	450	1160	425	675	628	270	500	100
SRSL-1220/610-K7.54	500	0.74 sq.m.	610	1565	465	800	785	450	590	175
SRSL-1200/915-A114	500	1.12 sq.m.	915	1565	465	1105	785	450	590	200
SRSL-1500/630-A114	500	0.94 sq.m.	630	1825	570	815	870	485	665	210
SRSL-1500/800-A114	500	1.20 sq.m.	800	1825	570	985	870	485	665	225
SRSL-1500/1000-A114	500	1.50 sq.m.	1000	1825	570	1185	870	485	665	245
SRSL-2000/1000-K184	960	2.00 sq.m.	1000	2325	640	1200	1160	580	820	320
SRSL-2500/1000-K276	1300	2.50 sq.m.	1000	2955	810	1215	1450	760	1045	610
SRSL-2500/1250-K276	1300	3.12 sq.m.	1250	2955	810	1465	1450	760	1045	690

DIMENSIONS AND RATING ARE FOR 50HZ, AND MAY CHANGE FOR 60HZ APPLICATIONS.