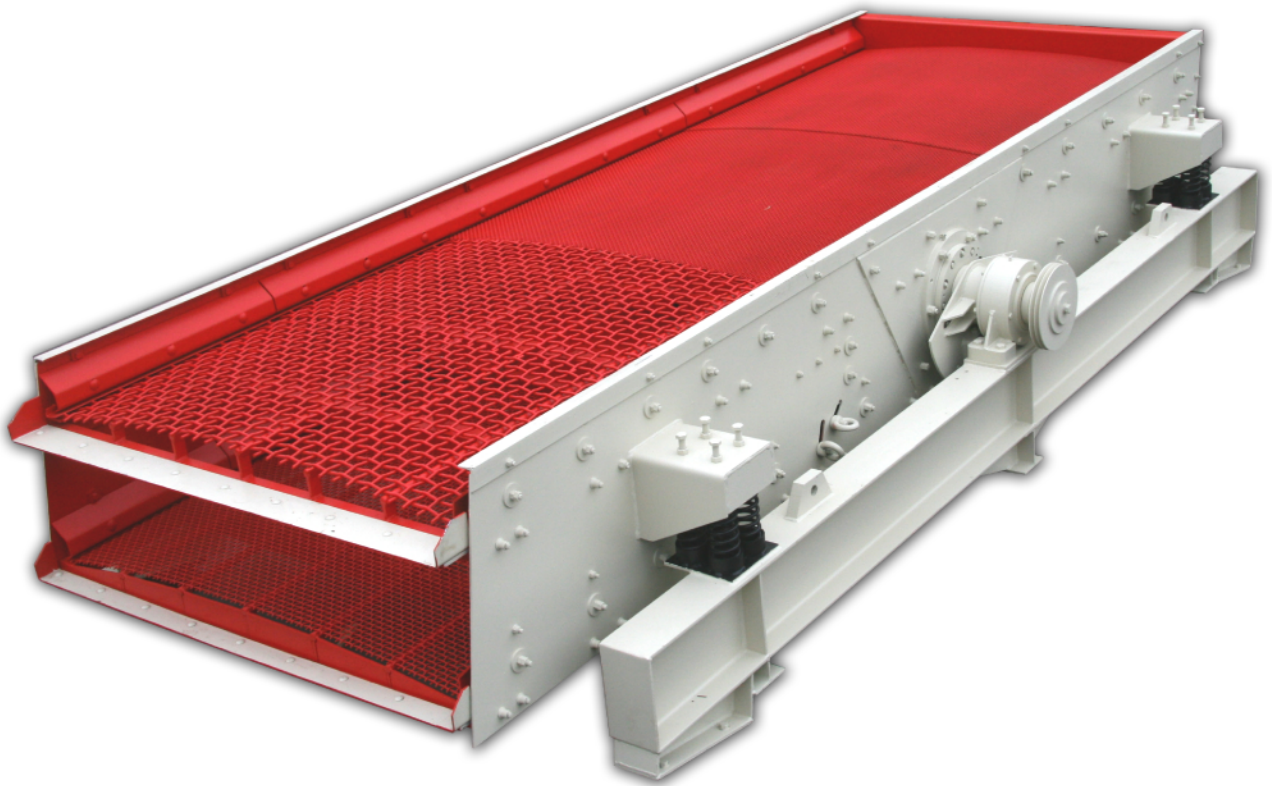




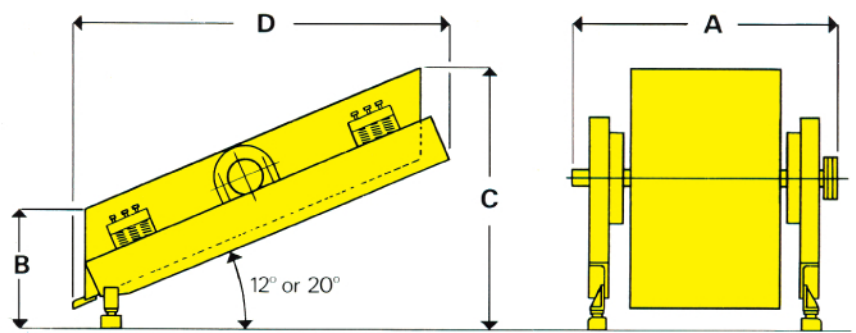
VITEX VIBRATING SCREENS

- The Goodwin Barsby range of Vitex Vibrating Screens offer proven reliability with more than 125 years of design, manufacture and engineering experience.
- The Vitex Vibrating Screen is available in Standard and Heavy Duty specification offering high output with accurate sizing, long life and low operating costs ensuring optimum all round performance.
- The Goodwin Vitex Screen is four bearing type with Eccentric Shaft offering positive vibration and ensuring rapid spread and stratification of the product.
- The Vitex range of screens can be used in a wide variety of applications including Quarried Stone, Sand & Gravel, Coal and Asphalt Plants.



GOODWIN BARSBY
LEICESTER, ENGLAND

VITEX VIBRATING SCREEN



TECHNICAL DATA VIBRATING SCREENS

INNER FRAME

Of heavy welded steel construction, suitably braced. Sides are bored to accommodate the inner bearing housings. Longitudinal centre supports impart necessary camber to the screen panels. The frame is supported on four sets of adjustable springs.

UNDERFRAME

Of heavy welded steel construction. Vibro-insulators are fitted at each corner to eliminate the transmission of vibration to the structure.

SCREENING PANELS

Of high tensile woven wire, perforated plate on longitudinal steel bars, dependent upon duty required. A simple but positive mesh tension device ensures that the panels are maintained at the correct stress to guarantee efficient screening. This tension device will also quickly accommodate varying thicknesses of panel.

BEARINGS

Heavy duty, double row, self aligning, spherical roller type. Outer bearings fitted in housings on the main members of the underframe, inner bearings fitted in housings on either side of the inner frame. All bearings are sealed against dust and moisture by carefully machined labyrinths. Grease nipples are provided for lubrication purposes.

VIBRATING UNIT

The vibrating unit is an eccentric shaft accurately machined from oil toughened, high tensile, forged steel.

BALANCE

Two steel segmental arms fitted to the eccentric shaft on each side of the frame and carry adjustable balance weights to ensure smooth running.

DRIVE PULLEY

Vee belt pulleys are standard and fitted to right hand side when looking from feed end unless otherwise requested.

STANDARD SCREENS

Size of Screen mm	No. of Decks	A		B		C Screen at 20°		D Screen at 20°		C Screen at 12°		D Screen at 12°		Motor Power		Nett Weight		Shipping Volume	
		mm	ins	mm	ins	mm	ins	mm	ins	mm	ins	mm	ins	kW	HP	kg	Tons	cu. m.	cu. ft.
1830 x 1070 6' 0" x 3' 6"	1	1700	67	660	26	1321	52	2030	80	1015	40	2110	83	2.2	3	772	0.76	2.72	96
	2	1700	67	965	38	1600	63	2055	81	1320	52	2135	84	4.0	5½	833	0.82	3.57	126
	3	1755	69	1245	49	1905	75	2085	82	1550	61	2160	85	4.0	5½	1138	1.12	5.10	180
2440 x 1070 8' 0" x 3' 6"	1	1700	67	685	27	1550	61	2590	102	1370	54	2690	106	4.0	5½	884	0.87	4.16	147
	2	1755	69	1040	41	1905	75	2615	103	1675	66	2715	107	5.5	7½	1270	1.25	5.24	185
	3	1755	69	1320	52	2185	86	2640	104	1980	78	2740	108	5.5	7½	1351	1.33	6.63	234
2440 x 1370 8' 0" x 4' 6"	1	2055	81	685	27	1550	61	2590	102	1370	54	2690	106	4.0	5½	1006	0.99	4.53	160
	2	2055	81	1065	42	1930	76	2615	103	1675	66	2715	107	5.5	7½	1290	1.27	6.34	224
	3	2085	82	1345	53	2210	87	2640	104	1980	78	2740	108	7.5	10	1696	1.67	8.41	297
3050 x 1070 10' 0" x 3' 6"	1	1700	67	710	28	1780	70	3175	125	1395	55	3305	130	5.5	7½	1056	1.04	4.50	159
	2	1755	69	1015	40	2085	82	3225	127	1755	69	3355	132	5.5	7½	1392	1.37	6.23	220
	3	1780	70	1295	51	2390	94	3225	127	2007	79	3355	132	7.5	10	1808	1.78	8.24	291
3050 x 1730 10' 0" x 4' 6"	1	2055	81	685	27	1755	69	3200	126	1395	55	3355	132	5.5	7½	1158	1.14	5.58	197
	2	2085	82	1065	42	2135	84	3200	126	1755	69	3355	132	7.5	10	1625	1.60	7.79	275
	3	2135	84	1345	53	2415	95	3300	130	2005	79	3450	136	7.5	10	2153	2.12	10.08	356
3660 x 1070 12' 0" x 3' 6"	1	1700	67	660	26	1930	76	3685	145	1500	59	3785	149	5.5	7½	1290	1.27	5.35	189
	2	1755	69	1120	44	2390	94	3835	151	1855	73	3785	149	7.5	10	1808	1.78	8.07	285
	3	1830	72	1370	54	2690	106	3760	148	2185	86	3885	153	7.5	10	2174	2.14	10.56	373
3660 x 1370 12' 0" x 4' 6"	1	2055	81	710	28	1980	78	3785	149	1500	59	3915	154	5.5	7½	1351	1.33	6.88	243
	2	2085	82	1065	42	2335	92	3810	150	1855	73	3940	155	7.5	10	1889	1.86	9.15	323
	3	2160	85	1345	53	2615	103	4040	159	2185	86	4165	164	11.0	15	2764	2.72	12.66	447
4270 x 1370 14' 0" x 4' 6"	1	2085	82	840	33	2335	92	4370	172	1675	66	4545	179	7.5	10	1737	1.71	8.55	302
	2	2160	85	1090	43	2590	102	4495	177	2005	79	4675	184	11.0	15	2693	2.65	11.41	403
	3	2185	86	1295	51	2795	110	4445	175	2235	88	4625	182	11.0	15	3017	2.97	14.47	511
4875 x 1525 16' 0" x 5' 0"	1	2310	91	840	33	2540	100	4953	195	1905	75	5155	203	11.0	15	3281	3.23	11.41	403
	2	2360	93	1145	45	2845	112	5029	198	2210	87	5205	205	15.0	20	3759	3.70	16.17	571
	3	2415	95	1550	61	3550	128	5335	210	2615	103	5460	215	15.0	20	5181	5.10	22.45	793
6095 x 1525 20' 0" x 5' 0"	1	2360	93	815	32	2920	115	6120	241	2110	83	6325	249	11.0	15	5160	5.08	17.19	607
	2	2415	95	1345	53	3455	136	6120	241	2640	104	6325	249	15.0	20	5231	5.15	23.25	821
	3	2415	95	1525	60	3630	143	6120	241	2845	112	6350	290	18.5	25	6350	6.25	26.82	947
6095 x 1830 20' 0" x 6' 0"	1	2720	107	778	31	2840	112	6100	240	2120	83	6350	250	11.0	15	6400	6.3	20.00	706
	2	2720	107	1180	46	3230	127	6100	240	2475	97	6350	250	15.0	20	6490	6.4	23.00	812
	3	2720	107	1543	61	3604	142	6100	240	2835	112	6350	250	18.5	25	7880	7.8	28.00	989
6705 x 2135 22' 0" x 7' 0"	1	3080	121	1030	41	3360	132	6800	268	2510	99	7200	283	30.0	40	6770	6.7	35.00	1236
	2	3120	123	1440	57	3740	147	6800	268	2865	113	7200	283	37.0	50	8500	8.4	40.00	1413
	3	3120	123	1800	71	4100	161	6800	268	3225	127	7200	283	37.0	50	10450	10.3	50.00	1766
	4	3120	123	2200	87	4500	177	6800	268	3625	143	7200	283	45.0	60	12350	12.2	60.00	2119
7320 x 2440 24' 0" x 8' 0"	1	3420	135	1110	44	3370	133	7430	293	2700	106	7730	304	30.0	40	9515	9.37	40.00	1413
	2	3460	136	1520	60	4150	163	7430	293	3050	120	7730	304	37.0	50	11854	11.67	50.00	1766
	3	3460	136	1880	74	4510	178	7430	293	3410	134	7730	304	45.0	60	14220	14.0	51.65	1825

HEAVY DUTY SCREENS (SCALPING)

Size of Screen mm	No. of Decks	A		B		C Screen at 20°		D Screen at 20°		C Screen at 12°		D Screen at 12°		Motor Power		Nett Weight		Shipping Volume	
		mm	ins	mm	ins	mm	ins	mm	ins	mm	ins	mm	ins	kW	HP	kg	Tons	cu. m.	cu. ft.
2440 x 1370 8' 0" x 4' 6"	1	2055	81	660	26	1525	60	2640	104	1270	50	2740	108	5.5	7½	1675	1.65	5.76	203
	2	2160	85	1145	45	1980	78	2640	104	1650	65	2715	107	7.5	10	2185	2.15	7.45	263
3050 x 1370 10' 0" x 4' 6"	1	2055	81	660	26	1730	68	3225	127	1345	53	3350	132	5.5	7½	1881	1.85	6.84	242
	2	2160	85	1145	45	2210	87	3225	127	1854	73	3350	132	11.0	15	2540	2.50	8.98	317
3050 x 1680 10' 0" x 5' 6"	1	2490	98	840	33	1905	75	3250	128	1475	58	3405	134	7.5	10	2742	2.70	9.55	337
	2	2490	98	1320	52	2415	95	3225	127	2005	79	3380	133	11.0	15	3225	3.17	12.10	427
3660 x 1370 12' 0" x 4' 6"	1	2135	84	815	32	2085	82	3785	149	1755	69	3885	153	7.5	10	2410	2.37	10.14	358
	2	2185	86	1195	47	2464	97	3785	149	2005	79	3885	153	11.0	15	3325	3.27	11.10	392
3660 x 1680 12' 0" x 5' 6"	1	2465	97	840	33	2110	83	3810	150	1725	68	3940	155	11.0	15	2950	2.90	12.08	426
	2	2540	100	1450	57	2740	108	3810	150	2335	92	3940	155	15.0	20	4070	4.00	16.45	580
4270 x 1370 14' 0" x 4' 6"	1	2160	85	840	33	2335	92	4345	171	1855	73	4545	179	11.0	15	3100	3.05	11.48	405
	2	2185	86	1320	52	2820	111	4345	171	2337	92	4520	178	11.0	15	3510	3.45	14.50	512
4270 x 1680 14' 0" x 5' 6"	1	2464	97	865	34	2310	91	4395	173	1830	72	4545	179	11.0	15	3150	3.10	13.39	473
	2	2540	100	1450	57	2921	115	4420	174	2285	96	4600	181	15.0	20	4420	4.35	18.20	641



GOODWIN BARSBY
LEICESTER, ENGLAND

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