



SERIES 5000 FINE MATERIAL WASHER ALL MODELS

RAKING & OVERFLOW CAPACITY TABLE

MODEL	CAPACITY SINGLE/TWIN (TPH)	% SCREW SPEED (RPM)	SPIRAL SPEED (RPM)	MINIMUM MOTOR HP REQ'D	OVERFLOW CAPACITIES (GPM)		
					SPIRAL 100 MESH	SINGLE/TWIN 150 MESH	200 MESH
*5024-25	50	100%	32	7.5	500	225	125
	37	75%	24	5			
	25	50%	16	5			
	12	25%	8	3			
*5030-25	75	100%	25	10	550	275	150
	55	75%	19	10			
	38	50%	13	7.5			
	18	25%	7	5			
5036-25	100/200	100%	21	15	700/1200	325/600	175/300
	75/150	75%	15	10			
	50/100	50%	12	7.5			
	25/50	25%	6	5			
5044-32	175/350	100%	17	20	1500/2700	750/1300	400/750
	130/260	75%	13	15			
	85/170	50%	9	10			
	45/90	25%	5	7.5			
5048-32	200/400	100%	16	20	1650/2900	825/1450	450/825
	150/300	75%	12	15			
	100/200	50%	8	10			
	50/100	25%	4	7.5			
5054-34	250/500	100%	14	30	1800/3200	900/1600	525/900
	185/370	75%	11	25			
	125/250	50%	7	15			
	60/120	25%	4	10			
5060-35	325/650	100%	13	30	2200/3600	1000/1800	550/950
	250/500	75%	9	25			
	165/330	50%	5	20			
	85/170	25%	3	15			
5066-35	400/800	100%	11	40	2400/4000	1100/2000	625/1000
	300/600	75%	8	30			
	200/400	50%	5	25			
	100/200	25%	3	15			
5072-38	475/950	100%	11	60	2600/4400	1250/2200	700/1200
	355/710	75%	8	50			
	235/475	50%	5	30			
	120/240	25%	3	15			

NOTES: Two (2) motors required on twin units.

* 24" & 30" dia. units offered only in single spiral configuration.

FINE MATERIAL WASHER WEIR OVERFLOW RATES

MODEL	WEIR LENGTH	AVERAGE DEPTH OVER WEIR									
		1/4"	1/2"	3/4"	1"	1-1/4"	1-1/2"	1-3/4"	2"	2-1/4"	2-1/2"
5024-25S	15'3"	<i>125</i> 92	<i>225</i> 229	<i>500</i> 397	564	717	991	1205	1449	1678	1983
5030-25S	15'9"	<i>150</i> 95	<i>275</i> 236	<i>550</i> 410	583	740	1024	1244	1496	1733	2048
5036-25S	16'3"	<i>175</i> 98	<i>325</i> 244	<i>700</i> 423	601	764	1056	1284	1544	1788	2113
5036-25T	19'9"	<i>300</i> 119	<i>600</i> 296	<i>1200</i> 514	731	928	1284	1560	1876	2173	2568
5044-32S	22'0"	<i>400</i> 132	<i>750</i> 330	<i>1500</i> 572	814	1034	1430	1738	2090	2420	2860
5044-32T	26'0"	<i>750</i> 156	<i>1300</i> 390	<i>2700</i> 676	962	1222	1690	2054	2470	2860	3380
5048-32S	22'3"	<i>450</i> 134	<i>825</i> 334	<i>1650</i> 579	823	1046	1446	1758	2114	2448	2893
5048-32T	26'9"	<i>825</i> 160	<i>1450</i> 401	<i>2900</i> 696	990	1257	1739	2113	2541	2943	3478
5054-34S	26'0"	<i>525</i> 156	<i>900</i> 390	<i>1800</i> 676	962	1222	1690	2054	2470	2860	3380
5054-34T	31'0"	<i>900</i> 186	<i>1600</i> 465	<i>3200</i> 806	1147	1457	2015	2449	2945	3410	4030
5060-35S	26'6"	<i>550</i> 159	<i>1000</i> 398	<i>2200</i> 689	981	1246	1723	2094	2518	2915	3445
5060-35T	31'6"	<i>950</i> 189	<i>1800</i> 473	<i>3600</i> 819	1166	1481	2048	2489	2993	3465	4095
5066-35S	27'3"	<i>625</i> 164	<i>1100</i> 409	<i>2400</i> 709	1008	1281	1771	2153	2589	2998	3543
5066-35T	32'9"	<i>1000</i> 197	<i>2000</i> 491	<i>4000</i> 852	1212	1539	2129	2587	3111	3603	4258
5072-38S	27'9"	<i>700</i> 167	<i>1250</i> 416	<i>2600</i> 722	1027	1304	1804	2192	2636	3053	3608
5072-38T	34'3"	<i>1200</i> 206	<i>2200</i> 514	<i>4400</i> 891	1267	1610	2226	2706	3254	3768	4453

NOTES: All flows shown are in gpm.

Bold italicized flows depict overflow rates required for 200, 150 & 100 mesh splits respectively.

NOTE: Specifications are subject to change without notice.

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700 W 21st. St., Yankton, SD 57078
1-800-542-9311 Fax: 605-665-8858

Email: mail@kpijci.com
www.kpijci.com
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