



## 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)		
					SPIRALS 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			

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>	<i>225</i>	<i>500</i>							
		92	229	397	564	717	991	1205	1449	1678	1983
5030-25S	15'9"	<i>150</i>	<i>275</i>	<i>550</i>							
		95	236	410	583	740	1024	1244	1496	1733	2048
5036-25S	16'3"	<i>175</i>	<i>325</i>	<i>700</i>							
		98	244	423	601	764	1056	1284	1544	1788	2113
5036-25T	19'9"	<i>300</i>	<i>600</i>	<i>1200</i>							
		119	296	514	731	928	1284	1560	1876	2173	2568
5044-32S	22'0"	<i>400</i>	<i>750</i>	<i>1500</i>							
		132	330	572	814	1034	1430	1738	2090	2420	2860
5044-32T	26'0"	<i>750</i>	<i>1300</i>	<i>2700</i>							
		156	390	676	962	1222	1690	2054	2470	2860	3380
5048-32S	22'3"	<i>450</i>	<i>825</i>	<i>1650</i>							
		134	334	579	823	1046	1446	1758	2114	2448	2893
5048-32T	26'9"	<i>825</i>	<i>1450</i>	<i>2900</i>							
		160	401	696	990	1257	1739	2113	2541	2943	3478
5054-34S	26'0"	<i>525</i>	<i>900</i>	<i>1800</i>							
		156	390	676	962	1222	1690	2054	2470	2860	3380
5054-34T	31'0"	<i>900</i>	<i>1600</i>	<i>3200</i>							
		186	465	806	1147	1457	2015	2449	2945	3410	4030
5060-35S	26'6"	<i>550</i>	<i>1000</i>	<i>2200</i>							
		159	398	689	981	1246	1723	2094	2518	2915	3445
5060-35T	31'6"	<i>950</i>	<i>1800</i>	<i>3600</i>							
		189	473	819	1166	1481	2048	2489	2993	3465	4095
5066-35S	27'3"	<i>625</i>	<i>1100</i>	<i>2400</i>							
		164	409	709	1008	1281	1771	2153	2589	2998	3543
5066-35T	32'9"	<i>1000</i>	<i>2000</i>	<i>4000</i>							
		97	491	852	1212	1539	2129	2587	3111	3603	4258

NOTES: All flows shown are in gpm.

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

**FOR MORE INFORMATION CALL 1-800-542-9311 AND ASK FOR A KOLBERG EQUIPMENT SPECIALIST. YOUR AUTHORIZED DEALER:**

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