

MODEL	SS800		SS1000 LHF HP		SS2000	
Bowl	in	mm	in	mm	in	mm
Internal Bowl Diameter	18	457	18	457	21	533
Bowl Length	28	711	50	1270	72	1829
Feed Pipe Inside Diameter	1.5	38	1.5	38	2.125	54
	in ²	cm ²	in ²	cm ²	in ²	cm ²
Total Solids Discharge Area	79	510	79	510	90	581
Effective Pond Depth	2.5	63.5	2.5	63.5	2.5	63.5
Number Of Ports	5		5		6	
Port Inside Diameter	1.50	38.0	1.50	38.0	1.75	44.5
Clarifying Length	14.5	368	23	584	41.5	1054
Beach Angle - Degrees	10		5		5	
Feed Type	open		open		open	
Bowl Speed (rpm)						
Maximum Rated	3200		3200		3050	
Typical High Speed	2700		2700		2500	
Typical Low Speed	1000		1000		1000	
Rated Capacity	GPM	LPM	GPM	LPM	GPM	LPM
Unweighted Drilling Mud	211	800	264	1000	528	2000
Water	251	950	343	1300	660	2500
	TPH Short	TPH Metric	TPH Short	TPH Metric	TPH Short	TPH Metric
Solids Capacity	8	7.25	8	7.25	19	17.24
G-Force						
At Maximum Rated Speed	2617		2617		2774	
At High Speed	1863		1863		1864	
At Low Speed	256		256		298	
Drive						
Main	VFD		VFD		VFD	
Gearbox / Backdrive	gearbox		gearbox		gearbox	
Ratio	80:1 or 140:1		80:1 or 140:1		80:1 or 140:1	
	in-lb	Nm	in-lb	Nm	in-lb	Nm
Torque Rating	28,800	3254	28,800	3254	98,000	11,073
Overload Protection	shear pin or torque limiter		shear pin or torque limiter		shear pin or torque limiter	
Conveyor	in	mm	in	mm	in	mm
Pitch	variable	variable	variable	variable	variable	variable
Lead Type	double		double		double	
Electrical	hp	kW	hp	kW	hp	kW
Main Drive	60	45	60	45	125	93
Back Drive (optional)	20	15	20	15	20	15
Electrical						
Volts	460/380		460/380		460/380	
Hertz	60/50		60/50		60/50	
Phase	3		3		3	
Dimensions	in	mm	in	mm	in	mm
Length	110.5	2807	132	3352	169	4293
Width	59	1498.6	59	1498.6	81	2057.4
Height	62	1574.8	62	1574.8	74.5	1892.3
	lb	kg	lb	kg	lb	kg
Weight	7,300	3311.2	8,500	3855.5	16,300	7,400