

HYDRATOR SHD



The Satake Hydrator is an innovative grain tempering mixer designed to provide high levels of moisture addition in a single operation.

Conventional Tempering

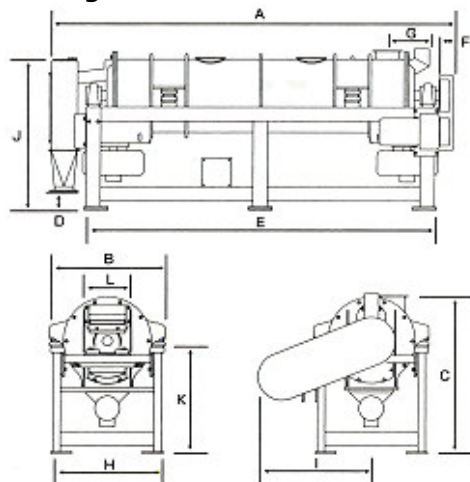
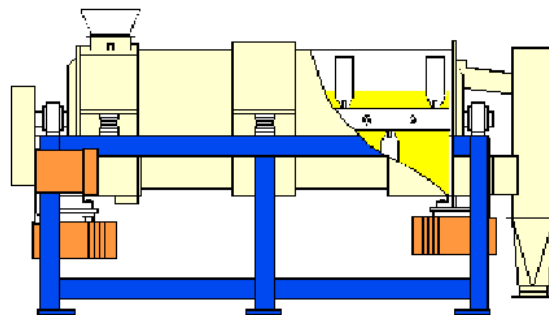
The use of vibration to provide exceptional water dispersion is combined with slow stirring and a long dwell time to ensure absorption for up to 8% moisture.

Grain leaving the machine has no free surface moisture, eliminating any subsequent temper bin discharge problems.

The Hydrator can be used in conjunction with a simple water flow meter or the most sophisticated automatic moisture control system.

PeriTec Process

The Hydrator is used in the PeriTec Process to add a small amount of moisture to the grain before debranning. The long dwell time of the grain in the machine removes the need for a conditioning bin between PeriTec damping and debranning. The addition of moisture prior to debranning helps to separate the bran layer from the grain.

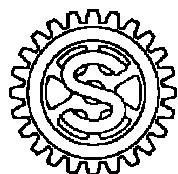


Model	Input Capacity (t/h)			Motor Size	Net Weight
	Maximum increase of moisture				
	8%	5%	3%		
SHD5A	4~5	5~7	7~10	2 x 1.2kW-2P 1 x 2.2kW-4P	850 kg
SHD10A	8~10	10~15	15~20	2 x 2.2kW-2P 1 x 3.7kW-4P	1300 kg

Outside dimensions (mm)

	A	B	C	D	E	F
SHD5A	2763	790	1120	123	2392	96
	G	H	I	J	K	L
	325	740	778	1053	792	340
SHD10A	A	B	C	D	E	F
	2931	1000	1420	74	2392	127
	G	H	I	J	K	L
	296	1050	1007	1356	992	555

All Satake products are the subject of continuous development and, as a result, their specification may change and differ in detail from that outlined in this leaflet.



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