

SATAKE



TM

UltraScan



- The Ultimate Solution in high capacity, high efficiency, foreign material sorting.
- Multiple Wavelength Technology (MWT) utilizes the Infrared and Visible Spectrums to target all types of foreign material and color defects.
- UltraScan uses a newly designed and more powerful version of Satake's proprietary Infrared and Visible cameras. This sorting platform is combined with a unique high intensity halogen illumination system to maximize sorting efficiency.
- High capacity, patented, large product chutes allow for sorting rates of up to 24,000 lbs/hour on natural almonds.
- Multilingual color touch screen, with Windows XP, for easy set up and operation.
- Utilizes a modular design with many of the proven components of the ScanMaster™ II series for easy trouble-shooting and low maintenance costs.
- Local technical support from 10 Satake group companies and agents in strategic worldwide locations.

UltraScan™

Technical Specification



TYPICAL SORTING CAPACITIES- Lbs/Hr (TPH) Per Chute

PRODUCT	ALMONDS	WALNUT	PECAN	HAZELNUTS	PEANUTS	PISTACHIO
Model:US 8	WHOLE KERNEL 3000 (1.4)	PIECES 500 (.23) Small 1000 (.45) Medium 1100 (.50) Large 800 (.36) Halves	HALVES 1500-2000 (.68 - .91)	WHOLE KERNEL 2000 (.91)	WHOLE KERNEL 2250-2750 (1.02-1.25)	KERNELS 2000 (.91)

*Resort option capability available where 1, 2 or 3 out of the 8 chutes can be used for simultaneous resorting of rejected product from the first pass. This benefit allows the user to obtain a very high concentration of final rejected product with an absolute minimum good product loss.

* UltraScan models with 2 and 4 chutes will be introduced in the near future.

TECHNICAL SPECIFICATIONS

Model	US 8	
Number of Chutes	8	
Width	in(mm)	73.89 (1876.8)
Depth	in(mm)	53.59 (1361.30)
Height	in(mm)	80.50 (2044.70)
Weight	lbs(kg)	1500 lbs (682)
Sorter Power Requirements: Single Phase Power 50/60 Cycle 3.0 KVA	Vac	210 - 250
Air Conditioner Power Requirements: Single Phase Power 50/60 Cycle 1.5 KVA	Vac	210 - 250
	PSI	90 PSI Minimum (6.3 KG/CM ²)
Air Supply SCFM (actual depends on product and defect level)	SCFM	60 SCFM Maximum (1.7 M ³ / Min)
Dust Reduction System	CFM	2000

Standard on all models:

* Air conditioner and UPS battery back up for the computer.



FOR MORE INFORMATION OR TO MAKE ARRANGEMENTS FOR A SAMPLE TO BE TESTED, PLEASE CONTACT:

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