

SECTION 3
GRAIN & SEED CLEANING EQUIPMENT
KIPP KELLY VACUUM DESTONERS

The Air Flotation Stoner separates two fractions by weight rather than by shape or size. Stones, mudballs, nails, glass, tramp metals and many other combinations are removed. Units are being used successfully throughout the world by flour and cereal plants, grain elevators, food plants and mineral processors of all kinds.

Operating Process

Product is fed onto the oscillating deck towards the higher end. A uniform current of air is drawn through the porous deck by an external fan or plant ventilation system. The lighter weight material flows down and the heavier material, not being supported by the air stream, is carried to the upper end of the deck by the deck motion and discharged.

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Applications

The stoner is suited to a wide range of agricultural products, including barley, beans, nuts, coffee, rice and rye.

The removal of stones, mudballs, and broken hulls is achieved at efficiencies approaching 95% in some products.

Our concentrator or industrial version is used world wide in the mineral processing industry.

Your Needs

We are confident we can solve your particular bulk separation requirements. We maintain a comprehensive list of performance tests on a variety of bulk separation applications. Each unit is customized to specifications created for each customer.

We also offer an appropriate range of accessories and options for each machine size.

Sizes

Model	S-30	S-45	S-60
Net Weight (lb/kg)	350/159	575/261	650/295
Motor Requirements (hp/Kw)	.75/.55	.75/.55	.75/.55
Air Requirements CFM (ce reals)	2200	4500	8000
Thruput Capacity Tons/Hr (ce reals)	4.0	7.5	14.0