

Vincent

Since 1931

CORPORATION

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Vincent Shredder

The Vincent Shredder is a horizontal machine with a 180° discharge area on the underside. It is ideally suited for bulky materials, such as citrus peel, whole fruit and produce waste.

The blades, which are fixed, rotate on a horizontal shaft. These blades are made of heat treated stainless alloy. Blades sharpened to 45 degrees are used where the action required is more like slicing than smashing.

A key advantage is that the direction of rotation can be reversed to obtain double the life of the rotor. This is done by simply reversing two of the power lead wires to the motor.

The Vincent Shredder is well suited for wet and dry materials. Optimum performance is achieved with materials containing either more than 80% moisture or less than 20%.

In the Series VS machines, the shredded material is forced through a screen at the discharge. A variety of screens are available; different hole sizes are used for different materials. The holes have a square-round configuration.

Optionally, the shredders can be provided with a comb (or grill) at the discharge instead of a screen. This creates a scissor action, which is ideal for things like onion parchment. (This configuration is rarely used because it is highly susceptible to damage by tramp metal.)

Alternatively, the shredder can be operated with neither a screen nor a comb in the discharge. This provides a coarse grind.

Shredder housings are easily un-bolted to ease the changing of screens and rotors. Washing and inspection are also facilitated.

The Vincent Shredder is powered by a standard motor direct coupled to the rotor shaft. Dodge D-Flex and Paraflex couplings are used to minimize shock load. 2-pole motors (3000 or 3600 rpm at 50/60 Hertz) are used for the smaller 8" and 12" machines. The 18" shredder uses a 4-pole motor, 1500 or 1800 rpm.

Motors with various horsepower ratings are used, depending on the material being shredded.

The standard construction is a 304 stainless steel housing with a carbon steel base.

In cases where the shredder is mounted over the inlet to a screw press, a discharge transition piece can be provided to fit the screw press being used.

The shredders have a square inlet. This will throw material upward as well as downward. Thus, a cover is required over the conveyor feeding material to the shredder. A dogleg inlet is provided with the smaller shredders which are hand fed.

MODEL	MAXIMUM CAPACITY lb/hr **	INLET (in.) W x D	OUTLET (in.) W x D	HEIGHT (in.)	HP
VS-8	4,000	8-1/2 x 8	8-1/2 x 8-1/2	18	5 -15
VS-12	10,000	13 x 12	13-3/4 x 13	21-3/4	10 - 20
VS -18	40,000	18 x 18	22 x 18	31-3/4	30 - 60

**CAPACITIES VARY WIDELY, DEPENDING ON THE APPLICATION. THE FIGURES GIVEN ARE FOR CITRUS WASTE.

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