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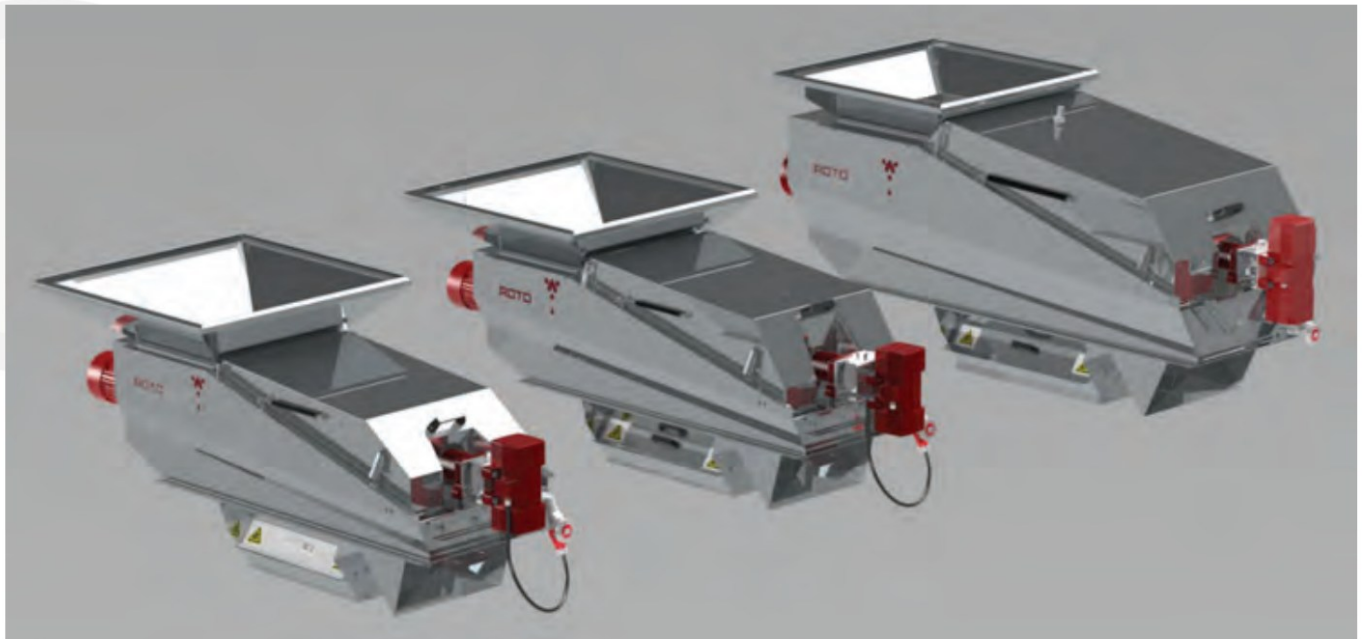
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ROTOVIB DESTEMMER



New efficiency for your top quality.

- Vibration energy destems grapes gently, with a minimum of stem breakage.
- Pin shaft speeds are greatly reduced.
- Very low juice generation.
- Under-ripe grapes and raisins are ejected with the stems.
- Widely adjustable for maximum flexibility.
- Impact resistant destemming cylinder with no sharp edges.



Rotovib 10, 20 and 30 models shown above



THE ROTOVIB ADVANTAGE

The Rotovib was developed in conjunction with automatic grape sorting equipment. The sorting equipment works best when you have a majority of whole berries, so the Rotovib was designed to provide this. A vibrator motor has been added to the pin shaft of the destemmer. Installed on rubber isolators, the pin shaft then produces a linear movement of approximately 2-4 mm at a frequency up to 2300 movements per minute. This in turn translates to a plucking action to remove the grapes. The pinshaft rotational speed can therefore be reduced by up to 60% or more, thus minimizing the thrashing or grinding principal of an ordinary destemmer.

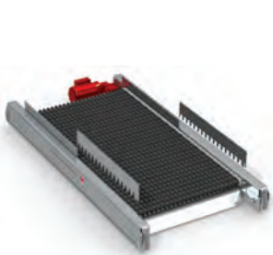
Variable frequency drives are employed for the pin shaft vibration as well as its rotation. The destemming cylinder can rotate in either direction, or be stopped entirely during operation. The combination of all of these controls allows the operator to “tune” the Rotovib to provide the best results for the grape variety, ripeness, grape condition, and processing speed. Unlike other destemmers, the Rotovib provides excellent results at 1 ton per hour all the way up to its maximum.

This gentle destemming technique preserves the integrity of the grape skins, putting the control over skin tannins back into the hands of the winemaker.

<u>Capacity (hand-picked grapes)</u>	
Rotovib 10	up to 10 tons/hour
Rotovib 20	up to 20 tons/hour
Rotovib 30	up to 30 tons/hour
<u>Length x Width x Height (in mm)</u>	
Rotovib 10	2300 x 730 x 600
Rotovib 20	2400 x 780 x 700
Rotovib 30	2770 x 880 x 1,000
<u>Pin Shaft</u>	
Main drive continuously adjustable with frequency converter (part of electrical package)	
Drive Power	1.9 kW
Vibration drive continuously adjustable with frequency converter (part of electrical package)	
Drive Power	450 W
Oscillations	up to 2300/min
<u>Destemming Cylinder</u>	
Drive	Single-speed
Drive Power	0.7/0.85 kW
Clockwise and counter-clockwise	



Additional equipment to complement the Rotovib Destemmer:



Rollersorter



ETV Vibrating
Hopper



KVB Vibrating Tipping
Hopper



TMP Must Pump



Vibrating
Sorting Table