



The All-New ROTOVIB

Destemmer

I RotoVib



ROTOVIB - New Efficiency for Your Top Quality

- An additional vibration drive of the pin shaft allows grapes to be destemmed
- Enables extremely low pin shaft speeds (revolutions)
- Dry discharge of the grape stems
- Selects ripe and unripe grapes
- Pin shaft located on floating rubber mounts
- Destemmer may be operated clockwise and counterclockwise



The NEW ROTOVIB

The new ROTOVIB is a development which adds a linear, vibratory movement of the pin shaft relative to the destemmer cylinder. A vibrator is mounted on the pin shaft and drive is fixed on rubber mountings. The resulting longitudinal motion of the pin shaft is approximately 2-4 mm at a frequency up to 2300 oscillations per minute. This additional energy causes a dispersion of the grapes inside the destemming cylinder and allows the reduction of the speed of the pin shaft by approximately 50-60%.

Ripe grapes separate from the stem before being scraped off at the destemming cylinder. The grape stems remain intact. The pin shaft speed can be adjusted to the degree of ripeness and the type of grape. This has resulted in a significant increase in efficiency and enhancement in the destemmer's range of application.

Another advantage of this design is the spring-supported (floating) mounting of the pin shaft, which prevents pressure from being exerted on the grapes.

Damage by foreign objects is also minimized.

Rotovib achieves much higher efficiency for gentle grape processing than destemmers using rubber paddles on the pin shaft-

The destemming cylinder consists of impact-resistant plastic segments with no sharp edges.

The gentle destemming process preserves the integrity of the stems and discharges them undamaged. This eliminates the need for destemming cylinders with different openings. The destemming cylinder can be operated clockwise and counterclockwise. The new ROTOVIB is the prerequisite for high-quality grapes.

Capacity (hand-picked grapes)	up to 15 to/h
<i>Pin Shaft</i>	
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
<i>Destemming Cylinder</i>	
Drive, two-speed	
Drive power,	0.7/0.85 kW
clockwise and counter-clockwise	
Length x width x height in cm	230 x 73 x 60
(without infeed hopper and underframe)	