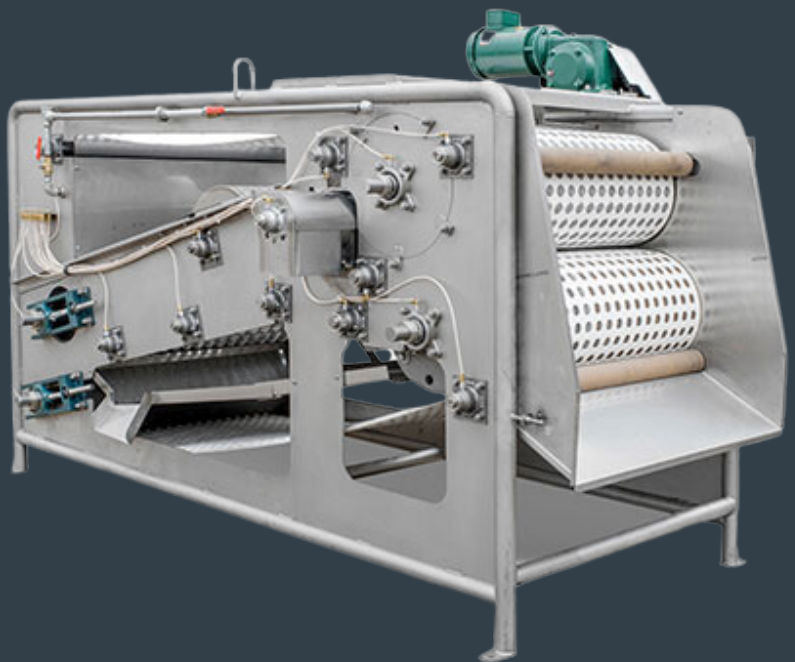




# The Cherry Stemmer



Your partner to the core.

# The Cherry Stemmer:

The Atlas Pacific Cherry Stemmer, specializing in sweet cherries, offers an operation that is gentle, smooth, and precise to ensure both protection of the fruit and accurate removal of whole stems. The machine operates with a minimum of parts, all of them standard and exposed for ease of lubrication and maintenance. It is also versatile, in that the fruit can be fed into the receiving area either manually or mechanically.

## Machine Operation:

From the receiving area, the cherries flow into the hopper, then roll into place in the circular perforations of the lower conveyor belt. As the belt carries the fruit forward, a series of impellers and soft brushes gently roll the cherries backward to ensure filling the maximum number of perforations. On this specially designed belt, rubber strips beneath the perforations prevent the cherries from falling through and allow flexibility for the stems to position either upward or downward. Then buttoned head pulleys revolve into place locking the stems into position. As the pulleys continue to revolve, the cherries are moved forward and brushed free of their stems at the base by soft rubber rollers. While the cherries roll gently into the collecting area, the locked-in stems move along the belt until the buttoned head pulleys disengage to allow the upper stems to be brushed into a screw conveyor and the lower stems to be dropped into a drip pan and flush discharged.



## Technical Info:

- Capacity: Fresh: 4 Tons (3.6 Metric Tons).  
Brined: 2 1/2 Tons (2.3 Metric Tons)
- Fruit size range: 0.55 - 1.06" (14 mm - 27 mm)
- Drive, gear motor: 2 Hp (1.5 kw)
- Water requirement: 20 gpm (75.7 lpm)
- Weight: 2,000 lbs (907 kg)
- Export crated weight: 3,000 lbs (1,361 kg)
- Cubic measurement crated: 290 ft<sup>3</sup> (8.2 m<sup>3</sup>)

## Features and Benefits:

### UNIQUE DESIGN

The unique design guarantees a gentle, seamless, and precise operation, ensuring both the fruit's protection and the accurate removal of entire stems.

### VERSATILITY

It offers versatility as the fruit can be introduced into the receiving area either manually or mechanically.

### MINIMAL PARTS

The machine functions with a minimal number of parts, all of which are easily accessible for lubrication and maintenance purposes.



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