

ATLAS PACIFIC HS8 AUTOMATIC PEAR PEELER

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ATLAS PACIFIC
ENGINEERING  COMPANY, INC.

HS8 AUTOMATIC PEAR PEELER

Machine Speed

The new HS8 runs at 124 cups per minute which is twice the throughput of the existing Atlas Pacific manual-feed peeler. This is accomplished through the advancements of the “sensor peel” cutters and the improved feed and roll orientation systems. The machine can utilize the same amount of floor space which means more production per square foot of factory.

Feed Efficiency

The feeding of raw product into the machine has been made more efficient through the use of dual infeed gates, an improved shaker/feeder, and an improved singulation system. This translates into higher throughput with fewer empty cups in each cycle. The net effect is a savings in plant run time to process the same amount of product.

Orientation

The patented roll orienter improves orientation and reduces the number of doubles and cross-cored fruit. This results in less downgraded or discarded raw product and more good product available to put in the can.

Peeling Yield (Recovery)

The peeling pressure is controlled pneumatically to assure precision peeling for delicate fruit as well as hard fruit. Each cutter blade is assisted by a precision molded ceramic guard which guides the cutter over the contours of the fruit assuring that only a thin layer of peel is removed. Together these features produce the maximum peeling yield. On medium to large sized pears (>2.5" or 63.5 mm diameter) tests have shown that yields increase greater than 5%.

Throughput Yield

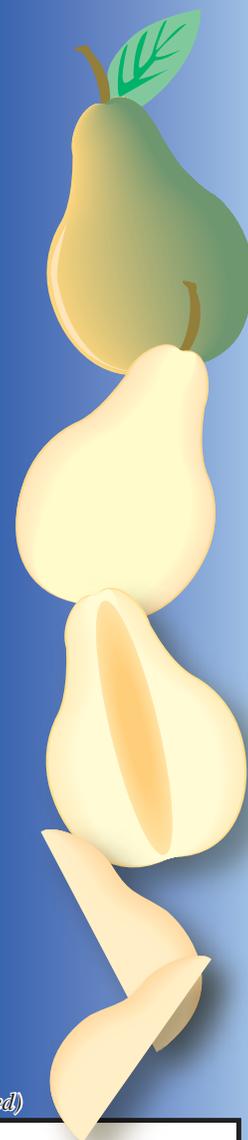
When taken in conjunction with each other, the improved orientation and the improvement in peeling yield combine to give a 10% improvement in throughput yield. This means that for the same output the processor is able to utilize 10% less raw product as compared to the standard Atlas Pacific Pear peeler. In other words, for each ton of raw product processed the new machine produces 280 pounds (127 kg) of added useable finished product.



The newly designed roll orienter

Atlas Pacific is proud to introduce the new HS8 (High Speed/8 Lane) Pear Peeler designed to maximize pear production. The new 8-lane machine features non-corrosive construction and superior feeding, orienting, and peeling capabilities which lead directly to processor savings.

Stainless steel HS8 Automatic Pear Peeler (guards removed)



HS8 AUTOMATIC PEAR PEELER



Operator controls.

Size Range Capability

The new orienter is designed to have a wider size range capability than the standard Pear Belt Orienter (PBO). This gives the processor greater flexibility in the size of fruit that will run

through the machine and in most instances the need for hand-fed machines may be eliminated.

Sanitation

Sanitation is greatly improved through the extensive use of non-corrosive materials such as stainless steel and plastics. This reduces the hours required to clean, sanitize and maintain during the season and winter repairs.

Maintenance/Lubrication

The automatic and centralized lubrication system significantly reduces the hours required to maintain the machine during the season. This coupled with modular assemblies makes overall maintenance of the machine simpler and less time consuming.

Improved Control System Design

The machine's control system platform has been designed to allow for future developments including:

- Communications with upstream and downstream processes to optimize machine performance.
- The ability to control the peeling speed and peeling pressure from a central location.



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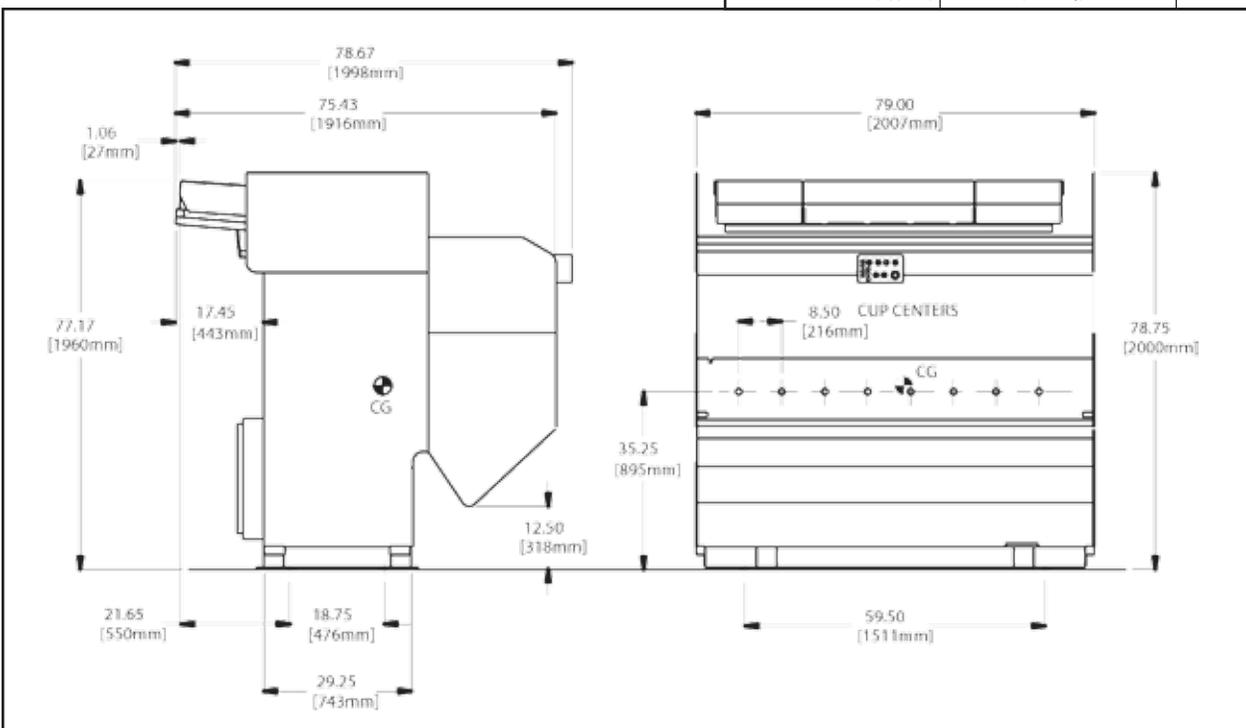
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TECHNICAL SPECIFICATIONS

	HS8	Standard Peeler with PBO
CAPACITY:	124 cups per minute	66 cups per minute
FRUIT SIZE RANGE:	2" to 4" diameter (51 to 100 mm)	2" to 3" diameter (51 to 76 mm)
POWER USAGE:	4 hp (3.5 kw)	2 hp (2.0 kw)
MACHINE WEIGHT (Approx.):	4,300 lbs (1,955 kg)	3,500 lbs (1,590 kg)



Atlas Pacific, whose policy is to continuously improve its products, reserves the right to discontinue or change specifications without notice and without incurring obligation.