

**Winner of the 2006  
AE50 Outstanding Innovations Award**



**Set the Winning Pace for Fruit Coating Application**

# **PaceSetter®**

**Automated Variable-Rate Fruit Coating Applicator**



# PaceSetter

Automated Variable-Rate Fruit Coating Applicator

## Award Winning Technology

In 2006, Pace International designed an automated variable-rate fruit coating applicator called the **PaceSetter**. This application system was awarded the "AE50 Outstanding Innovations Award" that year by *Resource*, the publication of the American Society of Agricultural and Biological Engineers (ASABE) for being one of *the* top 50 innovations around the world for agricultural, food and biological systems.

The **PaceSetter** system gives many pome and citrus packers the ability to automate their operations and maximize their efficiencies during the application of coatings and fungicides on the packing line.

## Variable-Rate Fruit Application is the Key to Successfully Coat Fruit on the Packingline

Conventional fruit coating / fungicide applicators apply the solution at a constant rate, conversely fruit flow on the packing line is often variable due to changes in feed rate, turns, and presorting or grading. The result of these variations can lead to wax foaming, poor gloss, and inconsistent fungicide residues.

The **PaceSetter** system controls the application to match both the rate of fruit entering the waxer as well as matching variations in zones across the width of the wax bed. The result is the elimination of foaming and application of a consistent gloss on each piece of fruit. Fungicides are also applied at the exact rate you need for a uniform distribution of coating / fungicide mixture on fruit for consistent shine and decay control.



Even Shine, Effective Decay Control

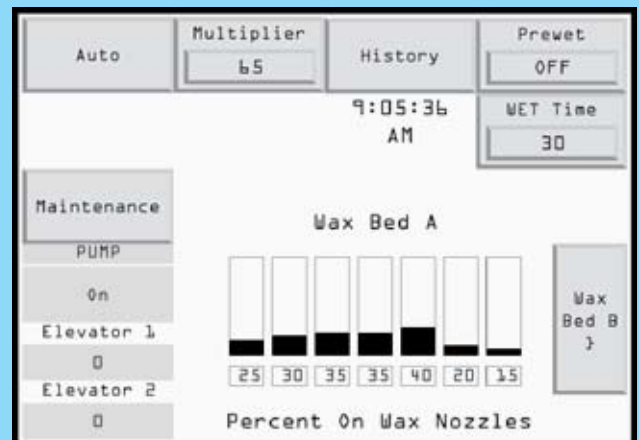
## PaceSetter Automation

- Operator interface involves a touch-screen for ease of adjusting calibration curve for fruits of varying texture, size, and environmental conditions.



Operator Interface - display panel for quick and easy monitoring.

- The **Pacesetter** automatically adjusts the amount of coating applied depending on the fruit flow.
- This system will automatically capture coating usage data and performance and log it into a removable computer chip for later retrieval and analysis.



Digital Touch Screen - user friendly and easy to use.

# On Your Mark-Get Set-Go!

The PaceSetter Gives Packers the Winning Edge in Fruit Coating Application

## Features & Benefits

The **PaceSetter** is programmed in advance with certain features to gather information, sense and self-correct as needed to control and maintain a precise amount of coating / fungicide mixture needed to provide the best application possible. Such an automated system allows packers to use products more efficiently and control labor costs effectively.

An automated system such as the **PaceSetter** allows packers to achieve:

- Consistent and accurate application of decay protection without the worry of exceeding important maximum residue levels.
- Lower levels of foaming.
- Decreased incidences of staining on fruit due to over application of coating mixtures.

## PaceSetter Light Sensor Bar

- Automated monitoring device that uses light sensor technology to detect fruit flow in discreet zones.
- Fruit flow data is recorded in real-time directly into the system for easy adjustment if needed.



Light Sensor Bar - capturing data to assure the best results.

## PaceSetter Spray Nozzles

- Easy to clean and maintain
- Nozzles available with easy rotating turrets



Pace Technical Services - fine tuning PaceSetter spray nozzles.



Spray Nozzles - application on red delicious.

**Pace International  
Brings Innovative Technologies to  
Increase Efficiencies in Application Processes  
with Unsurpassed Service Quality**



**The Leading Postharvest Specialist**

Innovative Technologies  
High Quality Products  
Efficient Application Systems  
Professional Services & Support  
Global Experience & Research



For more information about PaceSetter contact your Pace Representative or Pace International, LLC  
1201 3rd Avenue, Suite 5450, Seattle, WA 98101  
Customer Service: 1.800.936.6750