

# COMPACT PATTERN LABELER

# CPL

## INNOVATIVE TECHNOLOGY TO MAXIMIZE EFFICIENCY



PATTERN  
LABELING



2,640 TRAYS  
PER HOUR



SOFT TOUCH  
BELLOWS



ADJUSTABLE  
HEIGHT



QUICK CHANGE  
CASSETTE



TOUCH  
SCREEN

### CPL - 1

SMALL TRAYS, INNERS & PUNNETS



With intuitive touchscreen control and an automated lift arm, this solution is ideal for labeling fruits and vegetables in small trays and punnets. This system includes a touchscreen interface, remote access capability and user-friendly features to satisfy the packinghouse.

### CPL - 2

INNERS & TRAYS



Perfect for labeling fruits and vegetables in inners or trays, this is a two-arm model with seven-inch touchscreen interface, automated lift arms, remote access capability and user-friendly controls that complement a state-of-the-art packinghouse operation. This system can label up to 16 rows of fruits and vegetables in one pass.

**Sinclair**

Sales & Customer Service  
label@sinclair-intl.com



PATTERN  
LABELING  
SOLUTIONS



010825

# COMPACT PATTERN LABELER **VRS**

Integrated with the Sinclair Compact Pattern Labeler™, the Vision Recognition System (VRS) provides intelligent, high-speed, food-safe and optimized fruit and vegetable labeling for efficient packhouse operations.



Automatic tray or inner identification for random pattern labeling, e.g. missing fruit or tomatoes on the vine (TOV)



3D depth mapping for accurate, precise label application to a wide variety of fruit & vegetable sizes & shapes



Our Technical Service team provides in-field expertise & support with your all-inclusive labeling agreement.

- System installation, commissioning & maintenance
- Pre-season audits, inspections and support
- Label operator training

TECHNICAL FEATURES	CPL-1	CPL-2	CPL+VRS
<b>Labeling format</b>	Small Trays, Inners & Punnets	Inners & Trays	Inners & Trays
<b>Throughput - Trays per hour<sup>1</sup></b>	Up to 2,640	Up to 2,640	Up to 1,000
<b>Label applicators</b>	Up to 4	Up to 16	Up to 16
<b>Label sizes (width)</b>	18-26mm	18-26mm	18-26mm
<b>Max tray width (Dependent upon conveyor width)</b>	400mm	600mm	600mm
<b>VRS Automatic pattern recognition</b>			●
<b>Up to 500 rapid pattern selections via touchscreen</b>	●	●	●
<b>Automatic A/B inner pattern recognition</b>	Optional - Inners only	Inners only	
<b>Integration with packinghouse automation inc. Top control FruitManager system</b>	●	●	●
<b>Pattern selection via barcode reader</b>	Optional	Optional	Optional
<b>Mounting options</b>	Over powered belt conveyor or Sinclair supplied conveyor <sup>2</sup>	Over powered belt conveyor or Sinclair supplied conveyor <sup>2</sup>	Supplied with its own stand-alone conveyor
<b>Conveyor supplied</b>		Optional	●
<b>Infeed/Outfeed roller conveyors (Sinclair supplied only)</b>		Optional	Optional
<b>Conveyor infeed height (From floor)</b>	650 - 900mm	650 - 900mm	650 - 900mm
<b>Auto applicator lift arm adjustment<sup>3</sup></b>	●	●	●
<b>Soft-touch, food-safe bellows label application</b>	●	●	●
<b>Quick change label cassettes</b>	●	●	●
<b>Empty cassette warning light &amp; beacon</b>	Optional	Optional	Optional
<b>Chop &amp; blow waste tape collection system</b>	Optional	Optional <sup>4</sup>	Optional <sup>4</sup>
<b>Electrical input voltage range</b>	400/480V 50/60Hz 3Ph+E 200/240V 50/60Hz 3Ph+E	400/480V 50/60Hz 3Ph+E 200/240V 50/60Hz 3Ph+E	400/480V 50/60Hz 3Ph+E 200/240V 50/60Hz 3Ph+E

<sup>1</sup> Final throughput speed and mounting options dependent on packinghouse configuration <sup>2</sup> Recommended Length 2 metres <sup>3</sup> Linked to pattern selection <sup>4</sup> Recommended above 9 heads

