

# Cayman<sup>®</sup>

## BioPrint™ Sorter

### Features & Benefits

- Identifies defects and Foreign Material (FM) based on unique biological characteristics
- Start 'n Sort™ functionality
- Easy to use GUI with NameYourDefect-Technology
- Numerous applications on one machine
- Proprietary Chycane® chute-fed
- In-air detection – no background
- No moving parts – Low maintenance
- Small footprint
- Sanitary design compliant – Full stainless steel/IP65
- 100% digital FPGA technology
- Full remote service via Internet

### BioPrint™ Technology

The Cayman® BioPrint™ sorter identifies every defect or good product by its unique biological characteristics (DNA fingerprint). Based on that BioPrint™, the Cayman® detects and eliminates shells, stones, sticks, hulls and foreign seeds effortlessly, even at extremely high defect loads.

### Handle High Incoming Defect Loads

The Cayman® BioPrint™ sorter can be used right after the cracker to separate the kernels from shells, hulls, sticks etc., pre-clean the product stream at very high defect loads of more than 50%, before further downstream processing.

### Processing Efficiency

Enhance productivity by pre-cleaning with the Cayman® to remove non-kernel, nut-related materials allowing your downstream processing equipment to operate at much higher efficiencies.

### Recover Valuable Product Increasing Profit

By running the reject streams of your processing line over the Cayman® BioPrint™ sorter, a large percentage of valuable kernels can be recovered, offering a significant additional production yield.

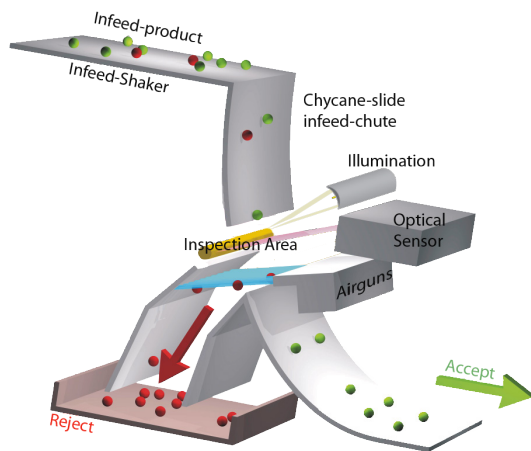


Product	Infeed	Width	Length	Air Pressure	Consumption <sup>2</sup>	Electricity <sup>3</sup>
Cayman® F	630 mm 25"	1200 mm 47"	3150 mm 124"	2 - 7 bar 30 - 100 psi	100 Nm <sup>3</sup> /h	Single Phase, 220 V 50 / 60 Hz
Cayman® FX <sup>1</sup>	630 mm 25"	1200 mm 47"	2470 mm 97"	2 - 7 bar 30 - 100 psi	100 Nm <sup>3</sup> /h	Single Phase, 220 V 50 / 60 Hz
Cayman® F2	1194 mm 47"	1888 mm 74"	4120 mm 162"	2 - 7 bar 30 - 100 psi	200 Nm <sup>3</sup> /h	Single Phase, 220 V 50 / 60 Hz
Cayman® F2X <sup>1</sup>	1194 mm 47"	1888 mm 74"	2570 mm 101"	2 - 7 bar 30 - 100 psi	200 Nm <sup>3</sup> /h	Single Phase, 220 V 50 / 60 Hz

<sup>1</sup> FX and F2X series are equipped with an infeed hopper instead of the usual shaker on the F and F2 series.

<sup>2</sup> Air consumption in relation with the defect load.

<sup>3</sup> Other voltage on request.



Patented Chycane® Chute working principle

### Typical Applications

Almonds, walnuts, hazelnuts, pistachios, macadamias, peanuts.

### Sorting Excellence

More than 35 nut processors around the world have already increased their quality and yield with the Cayman® BioPrint™ Sorter by removing shells, hulls, sticks, etc. after the cracker, before additional quality sorting with cameras & lasers or by recovering valuable product from the reject stream of their production.

### Results

Sorting high defect loads, recover value from your reject stream and as a result obtain increased quality and higher yields.

### Capacity

CAYMAN F and FX: Up to 4 metric tons/hour\*  
CAYMAN F2 and F2X: up to 8 metric tons/hour\*

\*Depending on product and defect load