

1998 SPC Company Blueberries Color Sorter

Mfg: SPC Company

Model: BCS-3000C F

Stock No. cFPDW001.

Serial No. _____

1998 SPC Company Blueberries Color Sorter. Model BCS-3000C F. (2) Cameras, 48 air jets and trash outlet. Capacity about 6,000 to 8,000 pounds of blueberries and cranberries through it per hour. Works excellent with fresh, dry and frozen product. Use for blueberries and cranberries but can be used on many other fruits and vegetables. Recently had the cameras calibrated, new air valves installed, and replaced the belting. The sorter is on adjustable height legs with casters so it is very easy to move around and adjust the height. 240 V. (ACN700)

Does it have a reject mechanism? - Automatic air reject

How does the fruit go through it? - Fruit goes through color sorter on a series of small belts that form individual lanes. Each lane has the air reject.

Will it reject soft/ripe berries? - It does not reject soft fruit, but will reject under ripe and some overripe if it is wrinkled.

Requirements power/air? Power 240 V.





Fruit Sorting Machines

SPC Company has developed a series of fast and reliable fruit sorting machines for various fruits, including blueberries, coffee cherries and cranberries.

Our machines are used by many fruit processing companies in North and South America, Canada and Europe. SPC Company has a network of solid partners that sell and maintain our machines in these countries.

Each fruit sorting machine is perfectly tailored to the wishes of the customer. This is possible because SPC Company links its tried basic concept to specific hardware and software that we customise to the needs of each company.

System Operation

SPC Company uses different techniques to sort fruit:

- sorting according to colour
- sorting within a specific colour spectrum
- sorting according to the amount of chlorophyll

The sorting machines are suitable for dry, wet and frozen fruit sorts. They are operated with a user friendly display and two buttons, very simple and user friendly. The machines satisfy the hygiene norms (HACCP), are easily washable and low maintenance.

Blueberry Sorting Machine

The Blueberry sorting machine is a big hit. SPC Company uses a patented chlorophyll detection system for sorting blueberries. The sorting machine works using machine vision. It measures the amount of chlorophyll in the berries. The amount of chlorophyll diminishes as the berries ripen, enabling the system to very accurately distinguish between ripe and unripe berries. Wet or frozen makes not difference to the accuracy of the system. The sorting machine only sees the berries that contain chlorophyll and shoots these from the conveyor belt. The blue (ripe) berries remain untouched to be transported from the troughing bed to the sorting band with a minimal drop. With the turn of a switch the sensitivity can be adjusted so that the required amount of chlorophyll is easily set.

A range of blueberry sorting machines are available, varying in capacity from 200 to 3000 kg of blueberries per hour. The machines do the work of about six to forty workers.