



Type: Duett

PROJX
SERVICES LTD



SPEC sheet

Fresh Vegetable and Diced Fruit Sorter

Ideal for broccoli, strawberries, chips, crisps, leaf, olive, sliced pears, peaches and frozen peas

The Protec Duett is a highly efficient air jet optical sorter used for identifying defects in a wide variety of fresh fruit and vegetables, including broccoli, strawberries, chips, crisps, leaf, olives, sliced pears, peaches and frozen peas.

The Duett's high speed and a high-resolution camera examine all products moving across the conveyor belt. The images are analysed with software designed by Protec to identify a vast amount of imperfections. Once identified, the compressed air jet below rejects anything unwanted on the second belt.

The Duett can identify rotting spots, foreign bodies, unwanted peel, pips and dis-coloured skin.

The processing product can be adjusted with easy to use settings on the operators' panel and can be programmed either manually or electronically. It is possible to install software or a modem for remote assistance or also diagnostics.

Versions:

To suit your product needs the machine can also be fitted with various light systems such as back lighting and infrared for NIR examination.

Machine Spec:

High-speed and high-resolution system of linear cameras

Defects as small as 0.5 x 0.25mm. in size

Latest integration and speed technology

Unique back-lighting device

Product is examined at maximum speed

Personal computer with touch screen interface

Modem for remote assistance and remote diagnostics

Dimensions (LxHxW)	Capacity	Belt Width Reading
Mod. 50 (2,800 x 2,700 x 1,600)	30 T/h	500mm.
Mod. 100 (2,800 x 2,700 x 1,600)	60 T/h	1,000mm.
Mod. 150 (2,800 x 2,700 x 2,100)	90 T/h	1,500mm.

