

BELT OPTICAL SORTERS FOR DIFFERENT FOOD CAPACITIES



SPRAY



DISCOVERY



With **Discovery** and **Spray**, Raytec has designed optical sorters that encompass flexibility, with the key features of strength, durability and easy maintenance. These systems are perfectly suited to the needs of modern food processing operations that demand machines able to sort a wide variety of products.

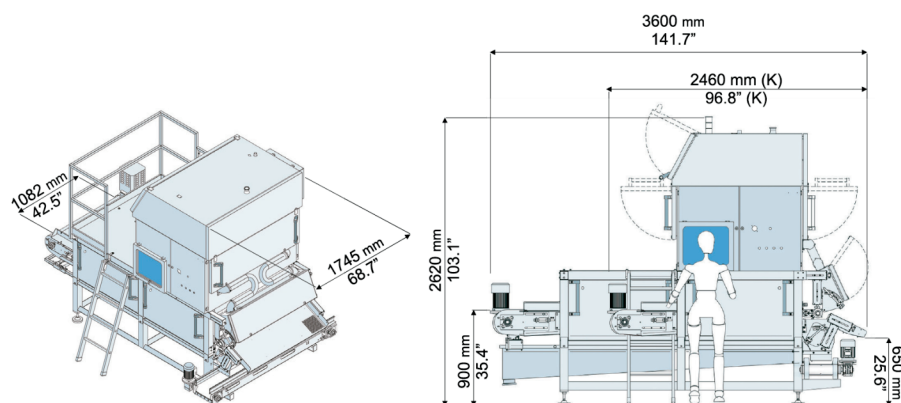
Both machines are equipped with **Blueight technology**. This is a platform incorporating different functions in order to provide the highest efficiency for different product types.

Both machines are equipped with **double rejection system**.

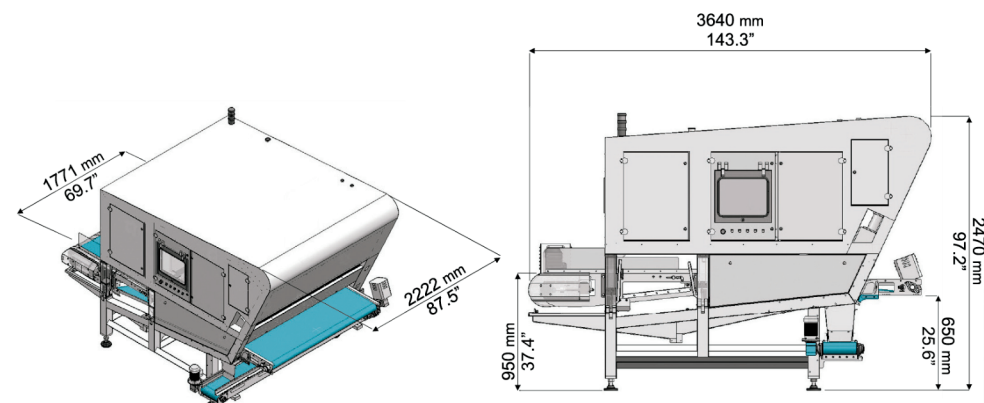
Rejection systems can be: air jet + air jet; air jet + pneumatic fingers; pneumatic fingers + pneumatic fingers.



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TECHNICAL FEATURES

Optical resolution	0,5x0,5mm [0.02"x0.02"]
Air nozzles	176
Nozzle pitch	6 mm
User interface	15" LCD touch-screen monitor
Remote connection	Ethernet / Wi-Fi
Conveyor speed	60-150 m/min

UTILITIES

Power supply	3F+ T
Voltage	400/480 V
Frequency	50/60 Hz
Installed power	6 kW
Water temperature	4°-30°
Water pressure	2÷3 bar [29÷44 psi]
Water consumption*	1-2m3/h [264-528gph]
Air pressure	6÷8 bar [87÷116 psi]
Air consumption (typical)**	300 NL/min
Air consumption (maximum)**	1200 NL/min

TECHNICAL FEATURES

Optical resolution	0,5x0,5mm [0.02"x0.02"]
Air nozzles	188
Nozzle pitch	6 mm
User interface	15" LCD touch-screen monitor
Remote connection	Ethernet / Wi-Fi
Conveyor speed	60-240 m/min

UTILITIES

Power supply	3F+ T
Voltage	400/480 V
Frequency	50/60 Hz
Installed power	7 kW
Water temperature	4°-30°
Water pressure	2÷3 bar [29÷44 psi]
Water consumption*	1-2m3/h [264-528gph]
Air pressure	6÷8 bar [87÷116 psi]
Air consumption (typical)**	450 NL/min
Air consumption (maximum)**	1800 NL/min

Dimensions, specifications and utilities are subject to change without notice

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