



OSPREY

SPECIFICATION DATASHEET

Physical Specification

Dimensions	1981mm x 1956mm x 2108mm
Weight	400kg
Wattage	1800W
Voltage	220V
Air Pressure	0.6MPA
Operating Temperature	20°C to 40°C
Lighting	Multi-coloured concentric LED light rings

Software Specification

Inspection Capabilities	0402 Package and 0.5mm Pitch
Internal Printer	Tally roll printer for inspection fault summary
Software Modules	1st off verify BOM, manual comparator inspection, offline rework & programming, report and statistical analysis
Security Levels	Supports 3 user levels to limit operator access to advanced features when required
Barcode	Optional: All common formats can be read through the camera for traceability

Camera Specification

Camera	Line Scan Camera Telephoto Lens System
Camera Interface	USB
Field of View	295mm x 4px
Resolution/Pixel Size	600dpi Approx. 40um
Camera Orientation	Top Down
Movement	Camera moves in X direction only due to being a line scan camera

Board Specification

Maximum Board Size	420mm (W) x 295mm (L)
Fiducials	All systems are capable of 3 fiducial correction allowing for board positional error, rotation and stretch or shrinkage
Board Clearance	Top - 20mm, Bottom - 40mm
Board Handling Method	Fixed front rail, Automatic adjustable back rail including width memory functions
Laser Profiling	Option not available
Linear Drives	Half stepping motors for high accuracy and repeatability

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