



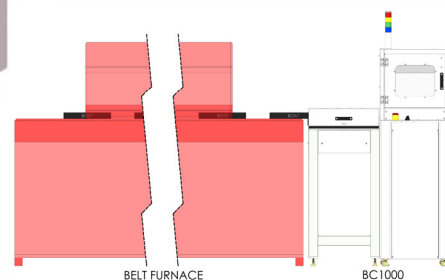
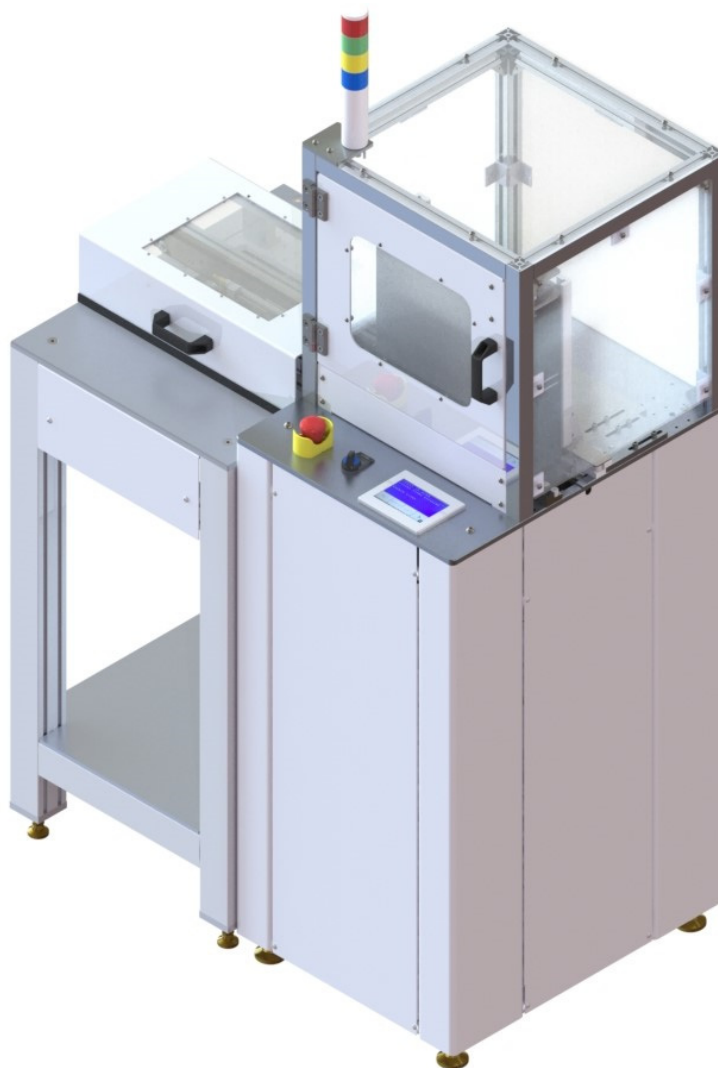
Standard Products

Maximizing
Production
Through
Modular
Automation
Solutions

Model BC1000

Small Footprint In Line Buffer

Inspection/Reject Parts Sorter



Martek Automation's **BC1000 In Line Buffer** accumulates product whenever a downstream system is not available in order to keep the line running smoothly. **BC1000 Sorter** can be configured with an additional input for reject parts that enables the system to accumulate reject parts while passing through good parts. Our unique design of utilizing removable magazines allows an operator to remove and replace magazines for unlimited buffering or removing reject parts for disposition. There are two modes of operation; 1) **LOAD ONLY** mode which receives parts in but does not feed them out so the operator can physically remove them, this is helpful downstream from a belt furnace so it can finish unloading parts at the end of a shift. or 2) **UN-LOAD ONLY** mode which the operator physically puts the magazines with parts in the system and it feeds them out but no parts are allowed in. This mode can also be used to re introduce rework parts when used as a Reject Parts Sorter. In addition the input conveyor has a selectable pause for inspection feature.

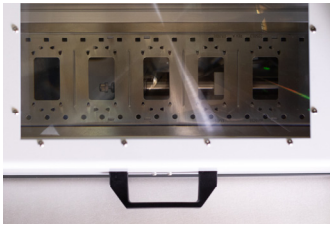
BC1200 Features



Removable Magazine



Intuitive, easy to operate



2X Magnified viewing port
on input conveyor.

Adjustable Widths

System can be configured for many styles of magazines

2 stack magazine capacity (Std. Auer type Magazines)

Maximum Magazine Length: 12 inches

Maximum Magazine Width: 6 inches

Safety Enclosure

Moving Components fully enclosed

Heavy Duty Welded Construction

Welded steel frame insures reliability of critical alignments.

SMEMA Compatible

SMEMA Interface with adjacent systems.

Small Footprint

One of the smallest footprints in the industry.

Handles all types of carriers and devices

Martek has experience feeding all types of devices to include PCB's, Lead Frames, Ceramic Substrates, Auer boats and machined process carriers.

Options

Reject Magazine

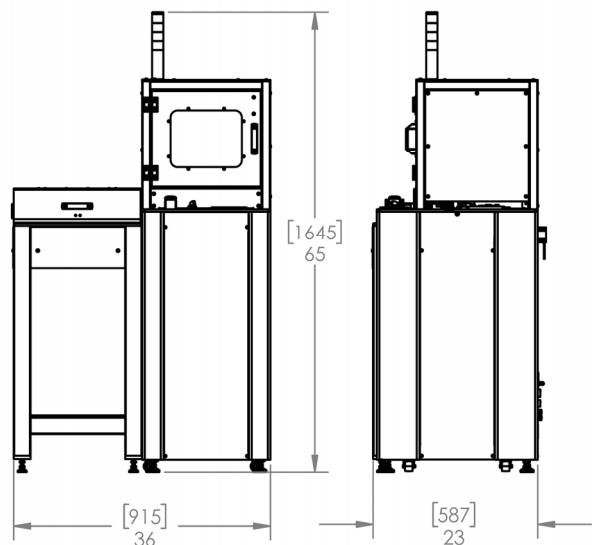
Top magazine can act as collection for rejected parts.

Bottom magazine for buffering and pass through.

Inspection Station

Input Conveyor can hold a Microscope. Hold switch will pause part at station for manual inspection.

Dimensions



120-240 VAC / 10 AMP SERVICE / 80 PSI / 1 SCFM