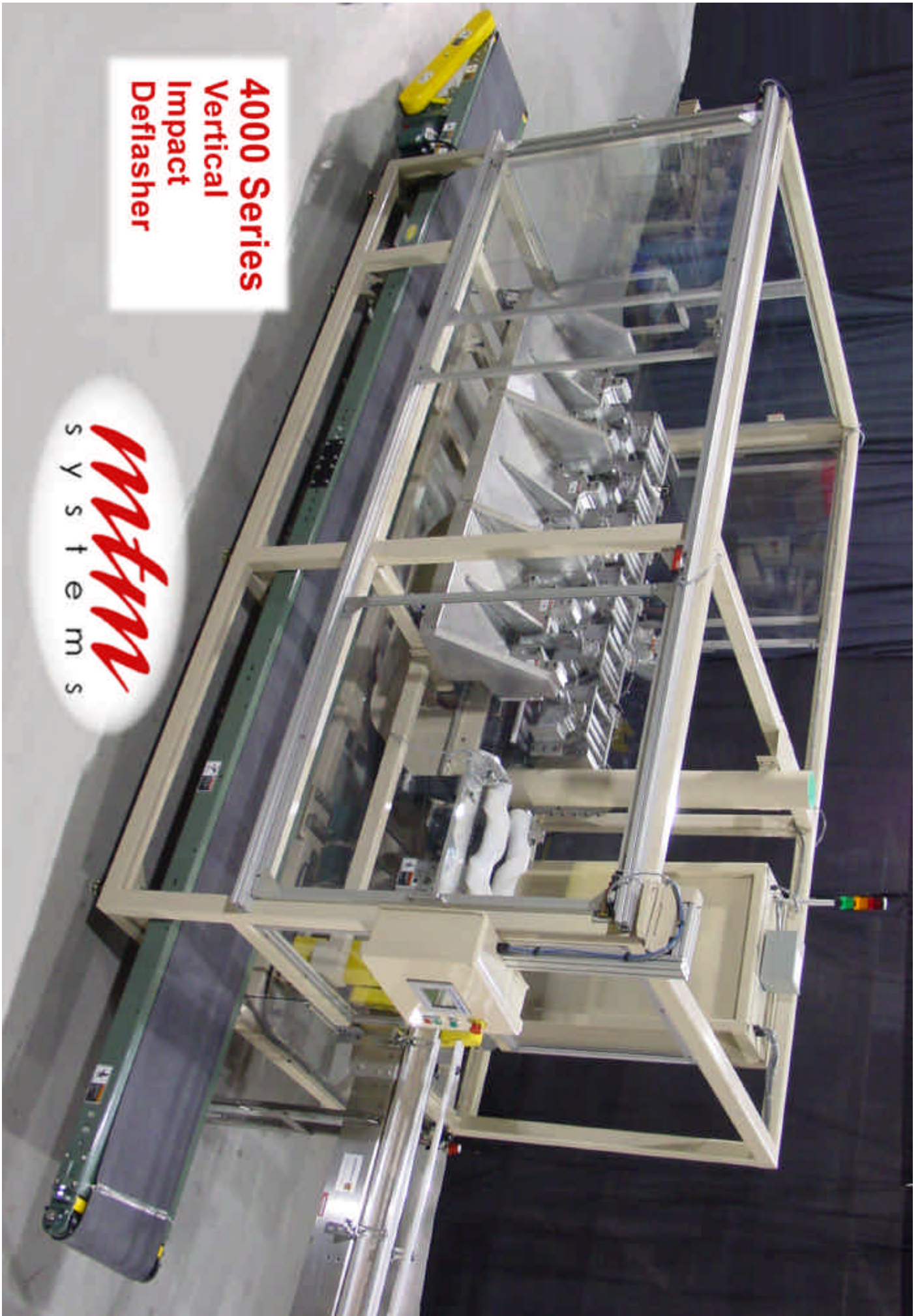


**4000 Series
Vertical
Impact
Deflasher**

matm
S Y S T E M S



Specifications: **MTM 4000 Series Trimming System**

General Purpose of the MTM 4000 Series Trimming System	Provide trouble free deflashing of most containers. Container sizes are listed below.	Provide complete deflash finishing for pre-finished calibrated neck containers. Provide complete deflashing and or guillotine in either single or dual neck application for downstream finishing
PLC Controls	Full program and documentation supplied with each system. Allen Bradley Micrologix standard, others upon request	Controls all functions of the trimmer from index rates, tooling platen control and infeed screws.
Operator Interface for Control Functions w/Fault Messaging	Monochrome Touch Screen can be moved to various locations while trimmer is running. Color Touch Screen optional.	
Bottles Per Minute	Up to 120 bpm*	
Bottles Per Index	1 to 12 depending on size of bottle and customer needs	Single and multi head configurations available
Bottle Size Range: (min/max) Bottle Width (label panel to label panel) Bottle Height (other sizes can be engineered (optional))	2" – 7" 51 – 178 mm 8" – 13" 203 – 330 mm	
Station Overall Height Adjustment / Changeover	Easy to adjust for an overall height adjustment of approximately 5"	Additional heights available during design phase of engineering for customer needs
Bottle Infeed Height	36 in. ± 2" legs only, other heights optional	
Motion of Stations	3 Servos	Deflash tooling clamping motion by servo for quick and accurate nesting with deflashing / guillotining done pneumatically. Infeed screws and vacuum indexing conveyor also servo controlled for exact repeatability.
Tooling Installation	Bolt in with sub plates for quick changeovers	
Frame Design	H/D Tubular Steel	
Bottle Feed System	Provides bottles at correct spacing and accurately places them for proper trim	Servo driven screws synchronized with servo driven vacuum conveyor
Trimmer Guarding	Clear sliding doors full length of trimmer	
Bottle Feed Conveyor / Scrap Conveyor	Customer Supplied	
Jam Detection	Sensor and Servo Torque Limiting	
Voltage Requirement	480 vac – 60 Hz – 3 Ph, others voltages quoted upon request	

* **Bottles per minute are only approximate.** 6 up on 13" centers will net a max of 70 bpm. 12 up will net 120 bpm on 7.5" tooling centerlines. Speed is solely dependent on bottle size and shape. Lectro/MTM will look at the customer bottles and provide an estimate of bpm upon request.