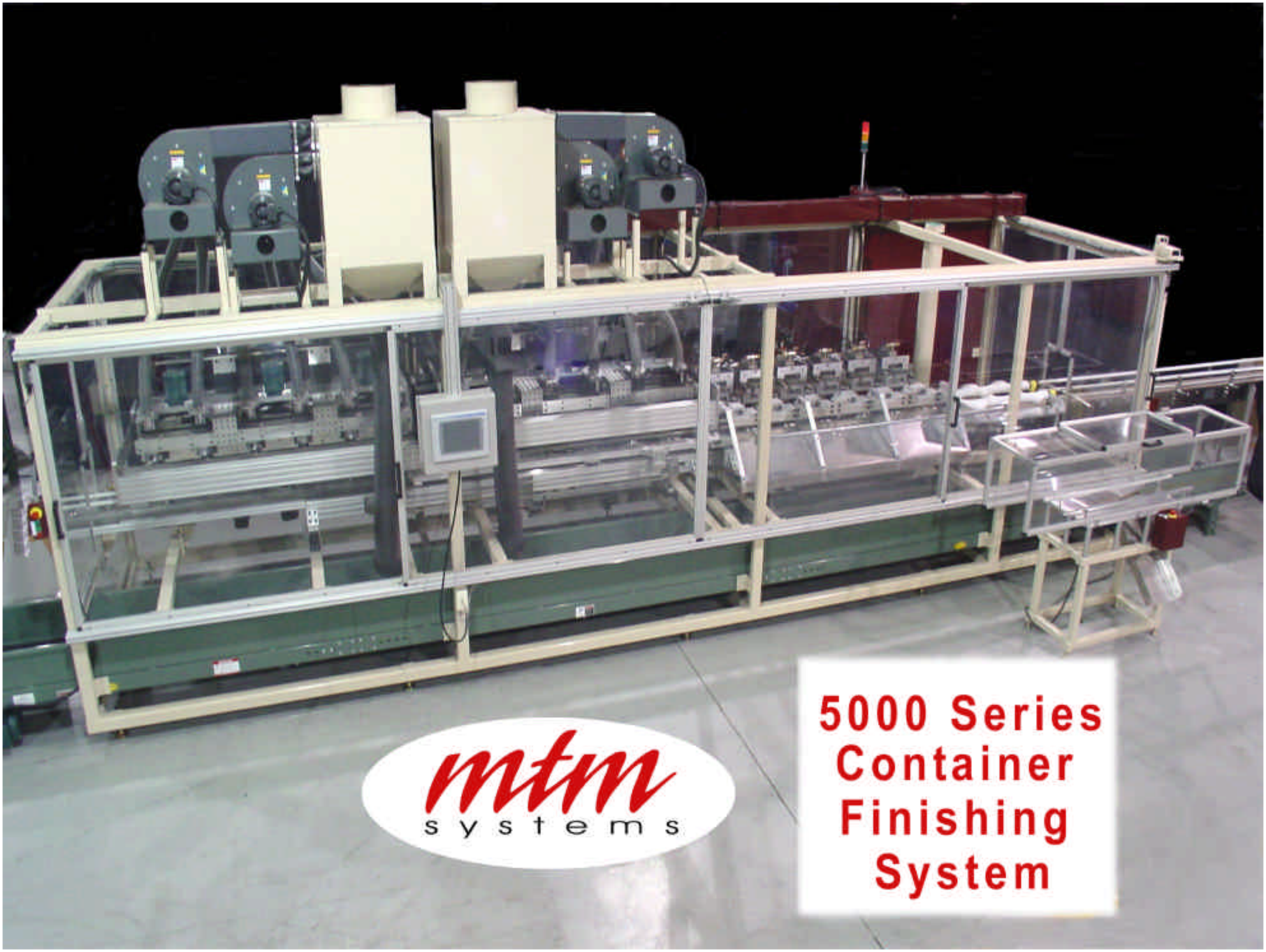
mtm
systems
5000 Series
Container
Finishing
System

Specifications: **MTM 5000 Series Trimming System**				
Trimming System		**Deflasher**	**Chipless Trim**	**I.D. / Facing Trim**
General Purpose of the MTM 5000 Series Trimming System	Provide fully finished bottles in either single or dual neck application to customer's exact specifications	Capable of deflashing handle and neck. Will guillotine either single or dual necks	Removes a neck ring at a predetermined height for a smooth leak free closure without any chips or bottle contamination	Designed to cut neck I.D. opening to a specific diameter and also provide a flat smooth land on the neck surface for a leak free closure
PLC Controls	YES Full program and documentation supplied with each system			
Operator Interface for Control Functions w/Fault Messaging	Color Touch Screen can be moved to various locations while trimmer is running			
Bottles Per Minute	Up to 93 bpm*	Up to 93 bpm"	Up to 93 bpm"	Up to 93 bpm"
Bottles Per Index	1 to 8 Depending on size of bottle	1 to 8 Depending on size of bottle	1 to 8 Depending on size of bottle	1 to 8 Depending on size of bottle
Bottle Size Range: Bottle Diameter min/max Neck Diameter min/ max Bottle Height min/max	 1.5" – 7" 38 – 178 mm 1" – 4" 25 – 127 mm 8" – 18 " 203 – 450 mm	Same	Neck Diameter min/max 1" – 3 " 25 – 76 mm	Same
Head Height Adjustment Servo Controlled to .001"		YES	YES	YES
Station Overall Height Adjustment / Changeover		Motor driven for quick changeover with overall height adjustment of 6"	Motor driven for quick changeover with overall height adjustment of 6"	Motor driven for quick changeover with overall height adjustment of 6"
Bottle Infeed Height	36 in. ± 2" Legs Only Other height available			
Motion of Stations	14 Servos	Clamping motion by servo for quick and accurate nesting with deflashing / guillotining done pneumatically	Clamping and height control is done with servo for accurate placement and height adjustment	Clamping and height control is done with servo for accurate placement and height adjustment
Tooling Installation		Bolt in with sub plates for quick changeovers	Sub plates for neck inserts pinned in place for quick changeovers	Sub plates for neck inserts pinned in place for quick changeovers
Frame Design	H/D Tubular Steel	Same	Same and with 8020 substructure	Same and with 8020 substructure
Bottle Feed System	Provides bottles at correct spacing and accurately places them for proper trim	Servo driven screws synchronized with servo driven vacuum conveyor	Servo driven walking beam over a stainless steel deadplate	Servo driven walking beam over a stainless steel deadplate
Trimmer Guarding	Clear sliding doors full length of trimmer	Same	Same	Same
Bottle Feed Conveyor	Customer Supplied	Customer Supplied	Customer Supplied	Customer Supplied
Jam Detection	YES Sensor and Servo Torque Limiting	YES Sensor and Servo Torque Limiting	YES Sensor and Servo Torque Limiting	YES Sensor and Servo Torque Limiting
Voltage Requirement	480 vac – 60 Hz – 3 Ph			

* Bottles per minute are only approximate. 93 bpm is with 8 up and less than 9" centerlines. Speed is solely dependent on bottle size and shape.