



# Plastics Trimming & Automation Equipment

MTM Systems has over thirty years experience in machine manufacturing, machining and plastics automation systems. We have designed, manufactured and installed equipment downline from virtually every type of blowmolding machine on the market. MTM machinery can be found in production lines worldwide, from the small custom blowmolder to large scale multi-plant operations. MTM cost effectively provides innovative automation and container finishing solutions. We hold numerous patents for our designs in the plastics manufacturing automation. Our product line includes takeaway systems, detabbing, deflashing systems, spin trimmers, rotary trimmers and material handling systems.

## Trimming & Takeaway Equipment

### ***Spin Trimmers***

Debris free neck trimming is easy with the MTM patented hot blade spin trimmers. Our MTM 720, 730, 740, 742R and 2025 series spin trimmers will meet all your needs. They are capable of cutting a wide range of resins while keeping up with virtually any blow molder. The MTM spin trimmers are designed for vertical and horizontal applications.

### ***Rotary Trimming***

For containers not suited to spin trimming, MTM offers the unique 3000 Chipless Trimmer. Necks are trimmed debris free while the container remains stationary. The 3000 Chipless Trimmer is available as a stand-alone unit or integrated with our 5000 Series Deflasher.

### ***Takeaway Systems***

MTM's offers takeaway systems for container handling from mold to conveyor in an oriented manner. Bekum, Battenfeld-Fisher, or similar types of shuttle-type blow molding machines are accommodated. MTM model 2001E (economy) and the 2001A (servo driven) are supplied with a multitude of container finishing options. The 2006 series takeaway system are field tested for Aoki / Nissei PET applications.

### ***Deflashing***

MTM's 4000 Series Deflashers feature our own unique method of trimming flash. Using a combination of bottle specific capture nest and shear-punch tooling, the vertical or "upright" flash removal system proves itself time and time again. Horizontal deflashing equipment is available depending on customers requirements

### ***Detabbing***

MTM's 1500A Detabbing Unit is available stand-alone or as an option for the 4000 Series Takeaways and the 5000 Series Deflasher. Specially designed cone shaped rotary knives insure consistently precise tail removal. MTM has several other designs available for the more challenging containers.

### ***Continued Design***

MTM Systems is continually developing new equipment for down stream applications for the blow molding industry. We are currently prototyping our new continual motion rotary deflasher for speeds up to 250 bpm. Chipless neck finishing will be offered as an option.

Custom equipment is also available upon request, please contact our engineering department with your special inquires.

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