

## Servo Linear Motor Stackers

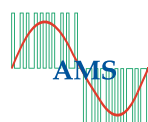
Duro-Stackers from Applied Motion Systems set the industry standard for high production rates and uncompromising reliability.

The Duro-Stacker servo linear motor stacker is designed for smooth, consistent transfer of ware from the cross conveyor to the Lehr. Designed for the utmost in stability and smoothness, the Duro-Stacker features the latest innovations in motion trajectory control technology to deliver higher production rates with improved yield from the hot end. You can rely on stackers from AMS to deliver high throughput and consistent bottle placement, year after year.



Here are some of the design elements that make the Duro-Stacker one of the most efficient stackers on the market today:

- ✓ Use of magnetic forces to replace mechanical linkages in side shift and push axes. With no moving parts, there is no wear, no backlash, and no maintenance.
- ✓ High efficiency helical gear drive with lift crank is designed for optimal smoothness and stiffness. Torque and lift performance is maximized and stacker bar is rock solid.
- ✓ Automated lubrication system for trouble-free lubrication and maintenance.
- ✓ Job set-up recipe storage and recall simplifies job changes and makes it easy to run multiple products.
- ✓ Fully adjustable rugged steel mounting frame accommodates uneven floors and provides a solid foundation for stable motion.
- ✓ 380 - 480V 3-phase operation. Fewer switch gear components means higher reliability and far fewer interruptions due to voltage sags.
- ✓ Capable of production rates to 25 cycles a minute.



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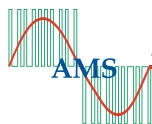
### Flexible Design, Flexible Operation

The Duro-Stacker is a bottle-phased device. Profiles for push, side-shift, and lift can each be adjusted independently. The transfer profile is infinitely variable to allow optimized stacking of any ware geometry and pattern, including staggered stack. The Duro-Stacker also has a bottle offset to enable placing a specific section of ware into a specific location in the Lehr for mold-in-row operation.

### Rely on Applied Motion Systems

AMS engineers work with you to determine how best to integrate a Duro-Stacker into your IS Machine or glass bottle production environment. No matter how large or small your operation, you will always get industry-leading results and the outstanding customer service that is the Applied Motion Systems reputation.

For more information, or to get a quote on your motion application, contact us today.



**APPLIED MOTION SYSTEMS**

*Simplifying the Complexity of Motion*

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