



*Plastics Machinery | Rebuilding Services | Parts*

## CSI Press Release

FOR IMMEDIATE RELEASE  
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### **Converting Systems Unveils New Vertical Head Servo Shuttle Style Bag Making Machine**

*Faster vertical head design allows up to 225 cycles/minute and upgraded operator-focused features reduce maintenance time and increase safety.*

**Schaumburg, IL – February 15, 2018** – Converting Systems Inc., a leader in the design, manufacturing, and refurbishing of plastics machinery, introduced its new Vertical Head Servo Shuttle Style Bag Machine, the sixth and fastest addition to its bag machine series. CSI’s newest model, the 1801V, features faster line speeds, enhanced safety features, easier maintenance, and HMI touchscreen access for set-up, operation, and troubleshooting resources.

“As we approach our 20th anniversary, we are excited to be unveiling the newest in our line of bag machines at NPE2018,” said Bill Engelhardt, General Manager. “Our focus is to continually improve our machines to keep up with customers’ production requirements.”

As a result of the partnership with Lenze Americas, a global manufacturer of electrical and mechanical drives, motion control and automation technology, the new 1801V utilizes Lenze’s p500 Controller and HMI, as well as their MCS servo motors. The upgraded touch-screen functionality allows easier operation, greater start-up acceleration, and higher bag length accuracy.

“Over the past few years our focus has been two-fold,” explained Ken McKay, Quality Assurance Director. “On one hand, we have refined and upgraded some of our most popular machines, giving them more robust operational features, expanded HMI accessible resources, and enhanced safety features. On the other hand, we have developed several new machines, like the 1801V, utilizing the latest technology to better meet the needs of our customers.”

Developed with the operator and maintenance mechanic in mind, the 1801V incorporates new, single-operator features to reduce maintenance time and increase productivity, including:

- Tool-free Teflon curtain and platen insert adjustments
- Pivoting head via hand crank for convenient blade replacement and service
- Improved, smoother shuttle technology for more consistent film glide
- Lightweight, short stroking head allowing faster cycle times (*up to 225 CPM*)
- Part compatibility with some older CSI and competitors' machines

The 1801V HMI touchscreen provides immediate access to information required for set-up, troubleshooting, and maintenance. Plus, all machine functions are controlled through the touchscreen, eliminating the need for operators to go inside any enclosure. Front/rear pull cords and an optional photo eye light curtain prevent injuries by keeping operators safely out of areas with moving parts.

"With this machine we looked to improve production rates, add to operator safety, and reduce maintenance time," said Matt Gallagher, Lead Mechanical Engineer. "These improvements, placed in an economical package, make the model 1801V a great solution for customers."

For more information about CSI's Vertical Head Bag Machine, visit us at NPE2018, Booth #14107 in the South Hall.

#### **About Converting Systems Inc.**

*Converting Systems Inc. is a leader in the design, manufacturing and rebuilding of Winders/Unwinders, Plastic Bag Machines, Separators and Auxiliary Equipment for customers in Blown/Cast Film, Packaging, Converting, Printing and Steel industries. Its replacement parts division, CSI-Parts, provides OEM replacement parts and custom fabricated parts to support all types and brands of plastics machinery. For more information, visit us at [www.ConvertingSystems.com](http://www.ConvertingSystems.com) or call 847.519.0232.*

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**CSI 1801V - Vertical Head Servo Shuttle Style Bag Making Machine**



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**CSI**

## Product Announcement

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### Converting Systems Unveils Faster Vertical Head Bag Machine

**1801V Bag Machine** CSI's sixth and fastest addition to its bag machine series, offering customers faster line speeds, enhanced safety features, easier maintenance, and HMI access to set-up and troubleshooting resources.

**What's new?** Lenze p500 Controller/HMI and MCS servo motors allow easier operation, greater start-up acceleration, and higher bag length accuracy.

**Benefits** Lightweight, short stroking head for faster cycle times (225CPM). Reduced maintenance time and resources with Tool-free Teflon curtain/platen insert adjustments and pivoting head for convenient blade replacement. Optional photo eye light curtain and front/rear pull cords prevent operator injuries. Parts compatible with some older CSI and competitors' machines reducing overall inventory and obsolete parts.

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