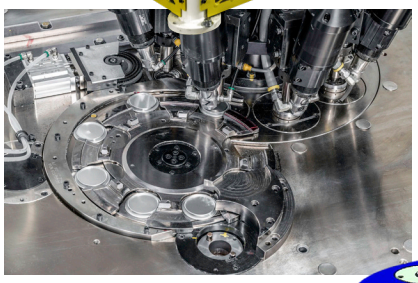
Stolle E-HSL Rotary Compound End Liner

The Stolle E-HSL (Extreme High Speed Liner) offers higher production speeds than any other rotary compound liner available today. The higher production speeds are made possible by a re-engineering turret assembly that rotates at higher speeds to increase shell throughput. Available with 8 and 10 lining stations, an E-HSL can be selected to best fit end modules with either 4 or 6-out EOE conversion systems. An 8-station machine has a rated production speed of 3000 EPM, so one E=HSL can match the throughput of a Stolle Tetrad, the world's most widely used conversion system. The higher production speeds also mean that a typical beverage end module will require fewer liners and their related trackwork, vision inspection systems and compound drying ovens, which reduces floor space requirements.

Like the Stolle VHSL Liner, the E-HSL features independent variable-frequency drives that can adjust to the end line speed. It is also equipped with the latest generation electronic compound applicator guns for water-base compound. Stolle's smart solenoid gun driver reduces compound weight variations by providing better needle control, along with cooler-running solenoids for longer coil life.

Stolle has developed a number of exciting new technologies for the EHSL that make its increased production speed possible:

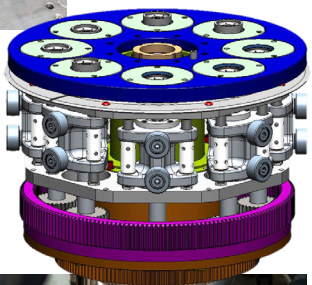
- **Soft load technology** where the downstacker deposits shells on the inside of the starwheel pockets, and they move to the outside for softer loading on to the lower chucks. This allows for faster starwheel speeds with gentler handling and no shell damage.
- **Redesigned lower turret assembly** features 20% lighter carriage assemblies and new geometry cam followers that offer double the life of current cam followers.
- **Smaller diameter compound tank** limits fluid dynamics for better control of compound, and features a single compound level probe (instead of 3) that eliminates compound build-up and bridging issues with level sensing.
- **Clean Spray Technology** surrounds the compound stream exiting the gun nozzles with a halo of compressed air which directs residual drops of compound into the shell so they don't get on the machine.
- **Unique shell discharge system** includes a vacuum conveyor belt to accommodate a compound inspection camera, and a specially-designed transfer assembly that smoothly stacks the high speed flow of shells exiting the belt into a stick without displacing the wet compound.
- **Improved guards** that smoothly raise for quick and easy access to the liner table.
- **Allen-Bradley control** with ethernet communication to the compound tank, A-B PanelView plus HMI control panel.



Electronic compound applicator gun

Above: Soft load infeed starwheel

Right: Redesigned lower turret with lighter carriage assemblies and new geometry cam followers



Above: Automatic nozzle brush cleaning system

Left: High speed shell discharge vacuum conveyor belt

SUSTAINABLE TECHNOLOGY LEADERSHIP

STOLLE MACHINERY

Copyright 2026 Stolle Machinery Company, All Rights Reserved

Stolle E-HSL Compound Liner

Specifications

End Types	Beer/Beverage
End Diameter Range	202 and smaller
Number of Stations	8 or 10
Maximum Output	E-HSL-8: 3000 EPM* E-HSL-10: 3500 EPM*
Maximum Main Turret Speed	375 RPM
Compound Type	Water Based
Overall Dimensions (Guard Fully Raised)	74.38”x 70.26”x 118.71”H (1.90 m x 1.80 m x 3.03 m)
Weight	4,500 lbs (2041 kg)
Maximum Operating Temperature	150° F (66° C)
Air Supply Requirements	11 SCFM @ 90 PSI
Primary Air Regulator Setting	90 psi (620 kPa)
Downstacker Regulator Setting (Knife)	60 psi (413 kPa)
Discharge Air Regulator	5 to 20 psi (137 kPa)
Compound Pressurization Air Setting	12 to 25 psi (83 kPa to 173 kPa) See data product specification
Machine Oil Type “ISO VG 150”	Mobil Gear 600 XP 150 Shell Omala S2 G 150
Grease Type	THK AFB Grease; Shell Alvanie EP 2 or equivalent
Machine Oil Capacity	7.25 gal. (27.44 ltr)
Electrical Power Requirements	480V / 3 Phase 60 hertz 30 Amp service
FLA (Total)	23 AMPS
Largest Motor	9.18 FLA
Main Disconnect	30A
Short Circuit Current	65 KA RMS
Drives	(1) 7.5 HP, (1) 5 HP
Controls	AB
Options	Air Halo Clean Spray

* The number of EPM is determined by the diameter and configuration of the product.

Troy Schwartz– Product Contact
+1 937-497-5462 • Troy.Schwartz@stollemachinery.com
Erica Paul – Spare Parts Contact
+1 937-214-4069 • Erica.Paul@stollemachinery.com
Brad Brahler – Field Service Contact
+1 330-244-0553 • Brad.Brahler@stollemachinery.com

STOLLE MACHINERY
Stolle Machinery Company
6949 South Potomac Street, Centennial, CO 80112 USA
303.708.9044 ~ Fax 303.708.9045
sales@stollemachinery.com ~ www.stollemachinery.com