

Technical News Bulletin

December 2000

The Emhart Glass 535-142 Gob Interceptor



Introduction

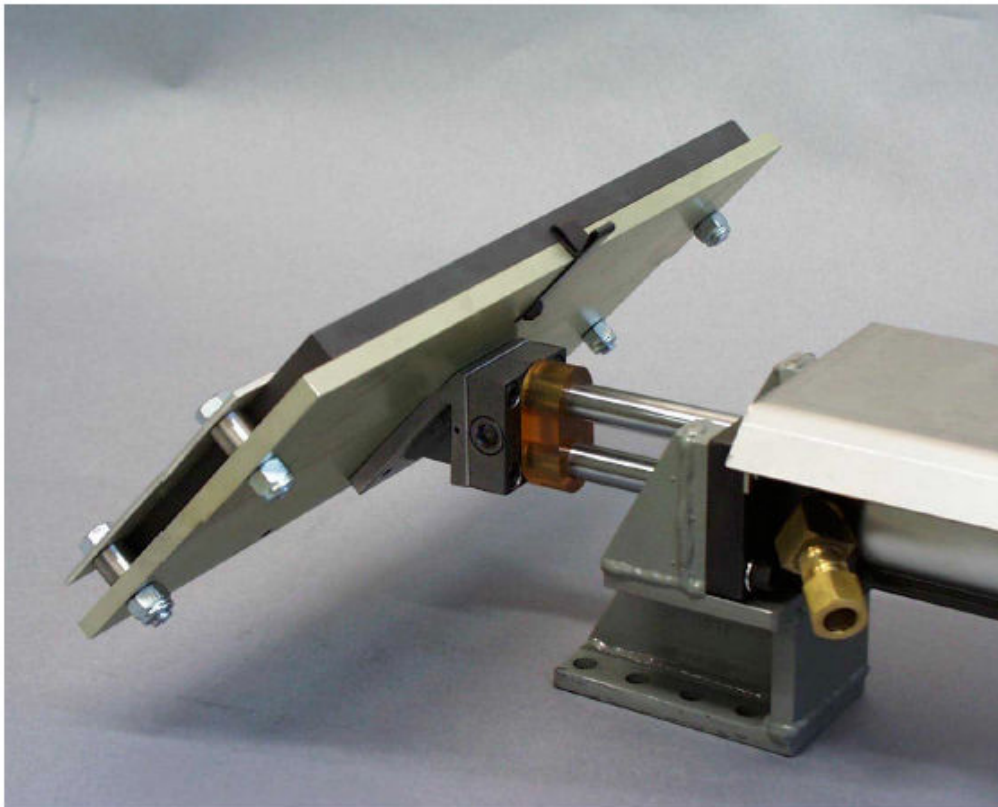
The new 535-142 Interceptor is another evolutionary product from Emhart Glass. The 535-142 consists of an Interceptor cylinder, mounting bracket and Interceptor plate with flexible airlines and a pre-piped operating valve with extend flow control and exhaust mufflers.

This product is made to replace the 535-123 Interceptor and most older Emhart Glass Interceptors.

This product is to be set to move to the extend position at a minimum of 0.075 seconds and retract to the home position at a minimum time of 0.095 seconds.

Features

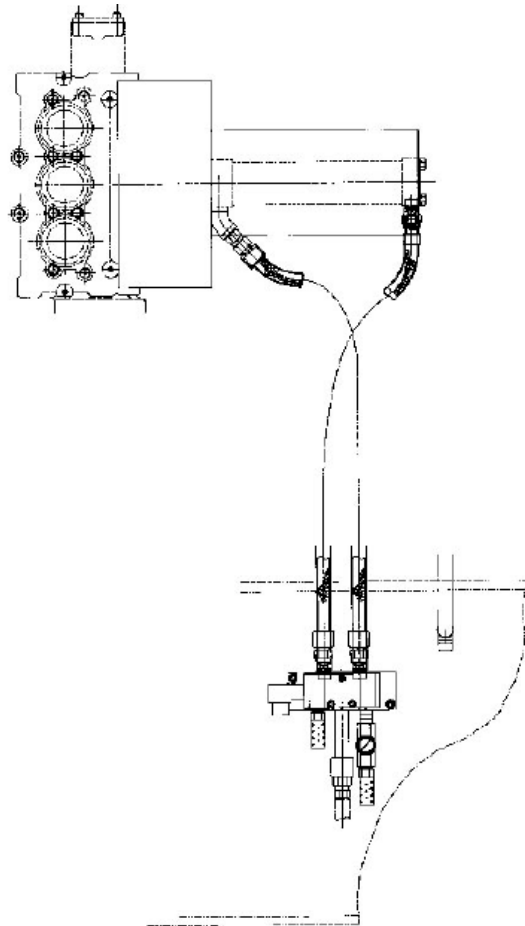
- Fixed air cushion on extend (no adjustment)
- Adjustable extend speed only
- Replaceable retract cushion bumper



- Double piston rod for anti-rotation and increased load carrying ability.
- Strong non-threaded piston rod attachment to Interceptor plate
- Positioned to eliminate interference with large gob while in the retract position
- No external lubrication needed
- Replaces 535-123 Gob Interceptors and most older Emhart Glass Interceptors with minor alterations (MUST block Lincoln Lube line & change piping at the valve).

Installation and Setup:

- Apply Loctite 272 to threads of all screws. To remove, use heat to loosen the Loctite bond.
- Set air pressure at 30 - 35 psi or 2.0 - 2.4 Bar. Open the speed control valve, Port #5, until the knocking noise and vibration at extend is eliminated.
Note: There will be a slight knocking noise at retract. Retract speed control may need to be adjusted after warm-up and after 24 hours of operation.
- When used to replace the 535-123 Interceptor, the Lincoln lubrication line used for the cylinder must be plugged. Use Emhart Glass #2010-41498 plug or Lincoln closure plug #12698.
Note: Tightening the adjusting nut cannot shut off lubrication.
- The OMNI valve replaces the 4-way Huphrey valve and the Bellows pilot valve.
- See Emhart Glass drawing 535-D-142.



Caution:

The 535-142 Interceptor **MUST** be piped as indicated. A correctly piped new valve is recommended. However, an existing Omni valve can be used only if repiped as shown in the diagram and in the photo.

Since the 535-142 is self lubricated, the lube supply line used for other Interceptors is not required and **MUST** be blocked off.

Important Spare Parts:

- Air cylinder #535-1437
- Bumper #535-1439
- Solenoid valve #3340-1326