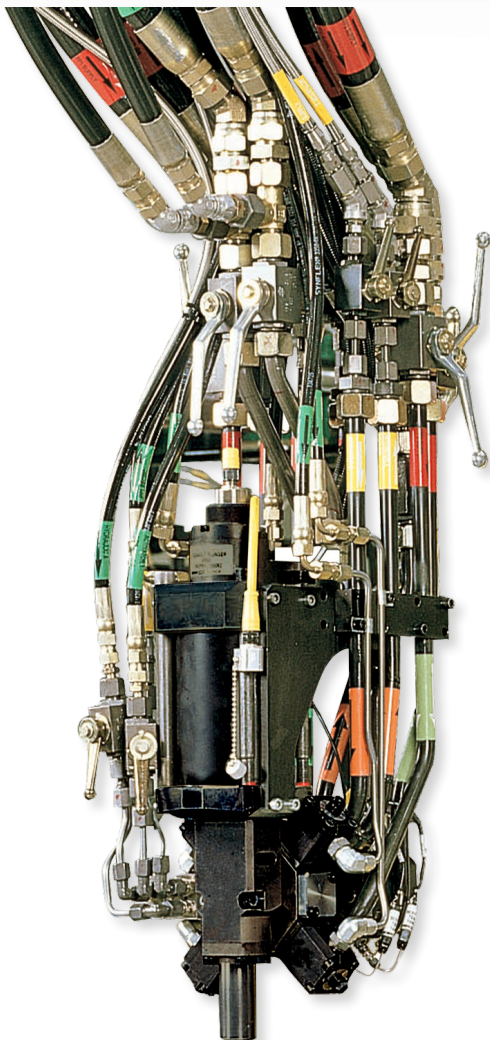


## 4-Stream L-Head with Hydraulically Adjustable Orifices



- Control this mix head from your PLC!
- Electronic clean-out plunger throttle!

### *Ideal for use in:*

- Dual Density
- Color Addition
- Additives

### **The Linden MHL-E Mix Head.**

The Linden MHL-E™ Mix head supplies excellent mixing qualities and splash-free pouring. PLC controlled orifices can be quickly altered to handle single density or dual density materials and for changing ratio, shot size, and shot timing. For example, an entire seat cushion can be manufactured with a soft seat area and firmer lumbar area.

### **4 to 1 Ratio Change in 0.5 Seconds**

The system can accomplish a 4 to 1 throughput change in 0.5 seconds. The mix head, with automatically controlled orifice pressure, is a 4-stream L-Head. Three of the four streams can be selectively turned on or off as required.

### **Multiple Densities from a Single Mix Head**

Since the shot ratio, throughput, and weight can be programmed and PLC controlled for each mold, the system provides a new level of flexibility. Molders can run a variety of formulations and output ranges on the same production line with a single metering machine.

Available in a 2 and 4-stream models.

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**LINDEN**  
Linden Industries, Inc.  
Polyurethane Processing Equipment





### ***Principle of Operation***

The Linden MHL-E head has two hydraulically operated self-cleaning chambers of different sizes arranged in a right angle L-type configuration. Two to four components enter the smaller chamber at high velocity causing turbulence, thus, promoting mixing.

Additional mixing is achieved when the mixture passes through right angle into the secondary, larger diameter chamber. In this chamber the turbulent flow is reduced to a smooth laminar flow as it exits the mix head into the mold.

*Linden offers a wide range of mix heads for processing polyurethanes with high pressure machines. Individual component streams feature recirculating groove control plungers, compact design for easy handling and permanent readiness for the next shot. Self-cleaning feature eliminates the need for expensive solvents.*