

Products: S-Style



For filled and unfilled polyurethane applications

The Gusmer-Decker S-Style High Pressure Mixing Head has proven to be an industry workhorse and often exceeds its standard warranty service life.

The precision S-Style recirculating mixing head utilizes the principles of high-pressure impingement mixing and the patented Gusmer-Decker mechanically self-cleaning mixing chamber.

The injection shot and the recirculation are through the same adjustable, impingement orifice, which reduces pressure, spikes and continuously purges the interior passages of any mixed material.

Features and Benefits

- High velocity exit allows mixture stream to fill closed molds, minimizing use of multiple heads to fill molds
- Available in a range of mixing chamber diameters to accommodate various output requirements
- Available in a long stroke model for better laminar flow
- Elastomer seals on mix piston
 - Eliminates need to "foam" in head to create seal
 - No crossover on start up
- Ideal for materials such as rigid or flexible urethanes
- Self-cleaning
- Flow rates: 12 to 360 lbs/min

Carbide option available

The S-Style Carbide mixing head option is available for applications that require abrasive fillers.

- Same as S-Style mixing head, but includes carbide inserts on mix piston and orifices for increased mixhead life
- Designed for filled rigid or flexible urethanes