

55 Gallon Dual Post Ram Pump Systems



55 Gallon Pump Station

- ▶ **Single and Dual Pump stations are designed to supply one-component and two-component materials to meter mix, dispense and regulated fluid dispensing systems**
- ▶ **All pneumatic drive motors in varying power ratio sizes are available for low to high pressure material pressure requirements**
- ▶ **Chop-check or two-ball double-acting pump lowers are available with carbon steel or stainless steel wetted components**

Available features:

- ▶ **Pump lowers and pump seals for handling aggressive materials**
- ▶ **Electronic integrated or pneumatic automatic pump cross-over control assemblies**
- ▶ **DeviceNet or equivalent protocol integrated network communication system**
- ▶ **Material level monitoring and drum empty, change-pump electronic control**
- ▶ **Components are designed-for-maintenance to provide long life for maximum up-time and fast and easy maintenance**

Precision Pump Assembly for Adhesive and Sealant Materials

The **55 gallon Ram Pump** system supplies single component or two-component adhesives or sealants to positive displacement and fluid regulated meter systems. This mechanically robust pump design has various options including electronic monitoring and control of in-drum material position, drum empty and automatic drum change-over. The stainless-steel, abrasion-resistant and two-ball options are ideally suited to handle abrasive or heavily filled materials.

Typical Applications

- Body Shop material dispensing, high speed stitching and mastic-drop application systems
- Paint Shop streaming, extrusion, swirl and spray applications
- Manual and Robotic dispensing applications

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Available features:

- Pneumatic Dual Pump Crossover Control
- Electronic Dual Pump Crossover Control
- Abrasive resistant pump lowers and seals
- Stainless steel wetted components
- DeviceNet or equivalent network interface
- Material level monitoring
- Pump depressurization control
- Pump pressure monitoring
- Teflon coated follower plate
- Temperature Conditioned fluid system for heating and cooling materials
- Warm-Heat circulation system for low temperature material dispensing
- Electric heated fluid system for high temperature material dispensing
- Drum conveyor system
- Drum pre-heating system
- Pressure accumulators
- Material pressure and filter assemblies



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