



PIGGABLE PAINT MODULES & EQUIPMENT

PAINT CIRCULATING SYSTEM SOLUTION



DESCRIPTION

The Piggable Systems' design provides a valuable solution for fluid delivery. Utilizing this technology eliminates the need for a dedicated pump per color or costly line flushes. With start up costs equal or less than typical paint systems a piggable fluid delivery system provides the most cost effective circulating systems.

The Piggable System's design meets requirements of flushability, material fill volumes and material reclaim. It is a low cost efficient solution for paint circulating systems.

FEATURES AND BENEFITS

- **Quick system color change...**less than 10 minutes to drain, flush, and reload second color.
- **Piggable color change valve...**provides superior engineering for maximum output.
- **Piggable systems effectively reclaim over 98% of paint in fluid lines...**minimizing costs related to material loss.
- **Color expansion without capital investment...**a cost-effective solution for increased performance.
- **Sanitary connections and orbital weld construction...**provide the cleanest fluid lines available.



Space Saver Piggable Module.



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PIGGABLE FLUID HANDLING EQUIPMENT

MODULAR PIGGABLE COLOR CHANGER (PCC)

The PCC utilizes proven micro valve technology providing low maintenance and serviceability.

- **Module design...**allows system configuration flexibility.
- **Shut off valve...**allows micro valve replacement without depressurizing circulating lines.
- **Engineered for endurance...**over one million cycles before service is required.
- **Dual valve option...**allows for multiple applicators to be operated off the same assembly.
- **Ability to pig completely through color stack...**maximizing material reclaim and cleaning of paint lines.

EXEL FLUSHABLE PISTON PUMP

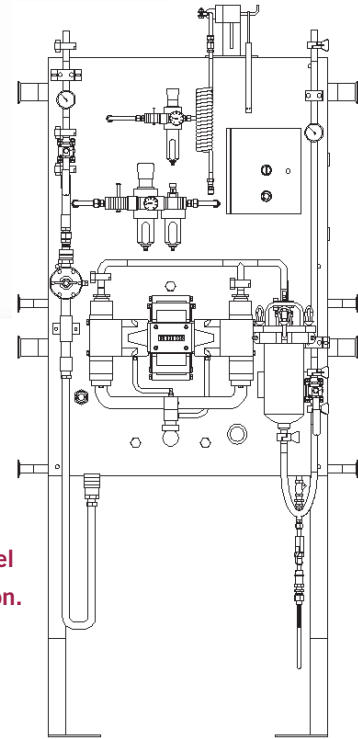
The Exel Pump combines durability, flushability, and low fill volumes making it the best pump for piggable systems.

- **Low fill volume...**reduces costly material waste during color change.
- **Unique fluid section design...**increases air push effectiveness and material reclaim ability.
- **Forced solvent flush capability...**for quicker color changes.
- **Low air consumption...**for minimal energy cost.
- **Fluid seal containment and leak detection...**eliminates material abuse and contamination.

ACTIVE/FLUSHABLE SURGE ELIMINATOR

The Surge Eliminator provides a low maintenance virtually pulse free delivery system. This surge chamber is always operating at optimum performance levels.

- **Active control...**reacts to changes in fluid pressure and automatically adjusts to eliminate pulsing.
- **Flushable fluid chamber design...**for quick color changes.
- **A self-compensating design...**eliminates the need for manual charging with compressed air.
- **External air reservoir tank...**achieves low fill volumes.



Typical Panel Configuration.

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ITW Automotive Finishing

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