

SOLIDQUID™ POWDER AND LIQUID SLURRY DELIVERY SYSTEM.

01 Maintain Proper Solid/Liquid Ratios.

Powders can be measured based on volume or weight, effectively reducing the mixing time and preventing clumping.

02 Lower Energy Costs.

Our innovative design features only one motor for the feeder, streamlining operations and saving you money.

03 Saves Space.

Streamline your discharge piping for easier routing and greater space efficiency compared to mechanical conveyors.



Revolutionize your liquid stream with ease. Whether it's manual loading, metering from bulk bags, or metering from silos, we have you covered. At the core of the system is a superior washdown eductor, meticulously designed for optimal liquid consumption, suction capacity, and discharge pressure. While water is commonly used as the motive liquid, our system can handle alcohol, oil, and other fluids as well.

- Reduce dusting with the vacuum generated by the venturi effect, which pulls airborne dust into the motive liquid stream.
- Vortex inside wetting hopper organizes dry materials to maximize throughput, while ensuring optimum suction capacity and discharge pressure.
- Eductor creates a vacuum in wetting cone that pulls solids into the motive liquid stream. Readily soluble materials mix intimately.
- Safely transporting hazardous powders and explosive materials within your facility.

Options



Custom System Configurations

Based on your applications needs, the Solidquid™ can be combined with any Hapman equipment to become the perfect slurry delivery.

Construction Materials

Wetted components are available in carbon steel, stainless steel, PVC, CPVC, and corrosion-resistant piping.

Piping connections can be NPT, flanged, or sanitary.

Eductors are available in cast iron, carbon steel, stainless steel, cast bronze, PVC, CPVC, PVDF, Polypropylene.



Ask about our material testing!

Hapman offers a complete line of material handling equipment that easily integrates into existing systems, including:

- Flexible Screw Conveyors
- Tubular Drag Conveyors
- Vacuum Conveyors
- Feeders
- Bulk Bag Unloaders
- Bulk Bag Fillers
- Bag Dump Stations
- Lump Breakers
- And More



HAPMAN

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