

Arch-Breaking, Densifying Screw Feeder



Diamondback Technology's screw feeder, with its patented arch-breaking Hopper7, retrofits existing bins to eliminate flooding, flushing and erratic flow. According to the company, the equipment further boasts:

- A screw that densifies powders for sack or bag filling, seals against pressures and vacuums, provides controlled uniform density for weigh hopper applications, and is useful for pre-feeding rotary valves to prevent leakage and blow-back into the hopper.
- Variable speed of the screw to accommodate both fast and dribble feed conditions.
- A removable screw and bearing assembly to simplify maintenance or repairs, and shorten process downtime, while the cantilevered screw reduces bearing and seal problems.
- Key flight areas coated with wear-resistant steel.
- Diameters of 6, 12 or 18 inches.
- Availability of extra mating flanges for the screw for retrofitting existing hoppers.

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