SERIES 100
VOLUMETRIC SCREW FEEDER

MERRICK

SERIES 100 VOLUMETRIC SCREW FEEDER

The Series 100 Feeder is a Millennium design incorporating new technologies to maximize reliability and enhance flexibility. Simplicity and intelligence best describe this innovative design. The Series 100 design was fashioned around the capabilities of a proprietary control system, the MERRICK XTRA® DC motor speed controller. The capabilities of this drive have greatly simplified the mechanical design while increasing capabilities and flexibility, thus providing a high return on investment.

STANDARD DESIGN

- All Stainless Steel Construction

- Mechanical Hopper Agitator / Material Conditioning Helix

- Direct Coupled Reducer / Auger (No Chains or Sprokets)

- Pre-Wired, NEMA 4X, Feeder Mounted Controls

- Adjustable Leveling Feet

- Helix Sizes from 0.50" to 6.00" Diameter

- Spring Loaded, No Maintenance Teflon* Auger Seal

- Easily Converts to Loss in Weight

- No External Bearings

- The High Turndown Permits a Feeder to be Purchased Already Sized for Future Plant Expansion

- A Single Auger Can Now Cover a Wider Range of Feedrates

MERRICK utilizes an innovative auger and conditioning helix (overwind) configuration. Whereas augers with overwind material conditioners are not unique, the MERRICK design offers lower operating costs and greater flexibility. Competitive material conditioning auger designs are one piece fabrication with the overwind welded to the auger. The MERRICK design is a two piece construction. The overwind is welded to a drive shaft stub that remains permanently installed in the feeder. Thus, the MERRICK auger is a traditional design easily changed by screwing onto the stub-overwind assembly. The simple design without an overwind attached lowers auger replacement costs significantly. The screwed connection makes replacement fast and easy.

FAMILY OF
MERRICK
COMPANIES

10 ARTHUR DRIVE   LYNN HAVEN, FL 32444 USA

CALL WORLDWIDE +1 850.265.3611

EN ESPAÑOL +1 850.271.7834

WWW.MERRICK-INC.COM