

NGX Series

Desiccant Bed Dryer



Technical Specifications

The NGX Series dryer combines industry leading drying performance and energy efficiency into a sophisticated drying package that is suited for nearly any drying application.

Performance and energy efficiency are two of the most important equipment attributes to any plastic processor. The new NGX dryer was specifically engineered to maximize both of these critical features. As ambient conditions change, the demand from a dryer changes as well.

The NGX utilizes sophisticated control algorithms that optimizes each adsorption and regeneration cycle for

the ideal balance of performance and efficiency. This is unlike many competitive dryers that run at a constant energy consumption profile. This optimization delivers energy savings in excess of 25% compared to leading competitors.

In addition to the advanced optimization controls, the NGX platform offers nearly unlimited flexibility in system configuration. The NGX is suited for nearly any drying application as a portable drying cart, portable drying and conveying cart, machine mount dryer, small central dryer, or stand-alone dryer that can be coupled with any competitive drying hopper.

IMPROVED EFFICIENCY

- Optimized desiccant cans, a revamped regeneration circuit, and an innovative switch-on dew point feature contributes to increased efficiency that lowers energy consumption by more than 25%.

SUPERIOR PERFORMANCE

- Maintains a consistent -40° Dew Point or below.
- Delivers better quality parts with fewer defects.

FLEXIBILITY

- Small enough for nearly any beside the press drying application, yet powerful enough to seamlessly integrate into any existing drying system.

Features

Standard Features

- Efficient single blower - dual desiccant bed design
- Allen Bradley Micro850® PLC
- 7" high resolution color touchscreen
- Operating temperature range:
Standard - 180°F to 250°F
- Trending / Data Logging: process temperature, dew point, regeneration temperature, hopper return air temperature
- Electrically-actuated air valve
- 7 Day Timer / Auto-Start
- Dirty Filter Indicator

Optional Features

- Switch on dew point valve for energy savings
- Alarm light & horn
- Ethernet switch kit
- Volatile trap
- Pre-cooler and aftercooler for low and high temperature applications
- Optional low temp units:
120°F to 180°F
- Optional high temp units:
250°F to 375°F