

NGX Series

Desiccant Bed Dryer

Technical Specifications

Since 1957, AEC has been the leader in drying equipment for the plastics processing industry. The NGX Series Desiccant Bed Dryer leverages the AEC legacy and expertise to provide a system that is suited for most drying applications including extrusion, injection molding, and blow molding.

The NGX Series Dryer utilizes sophisticated control algorithms that optimize each adsorption and regeneration cycle for the ideal balance of performance and efficiency. Many competitive dryers run at a constant energy consumption profile, which results in higher energy usage. The NGX Series Dryer can save up to 27% in energy costs without sacrificing performance.



BEST-IN-CLASS DRYING PERFORMANCE

- The highly capable dual-bed dryer maintains a consistent dew point below -40° degrees in most resins & operating conditions throughout the drying cycle.

ENERGY EFFICIENT

- Optimized desiccant beds and regeneration cycle provide increased efficiency that lowers energy consumption by 27% when compared to wheel drying technology.

FLEXIBLE CONFIGURATIONS

- Portable carts, integrated conveying, and machine mounted configurations allow integration into nearly any unique factory footprint.

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 after-cooler for low and high temperature applications
- Optional low temp units:
120°F to 180°F
- Optional high temp units:
250°F to 375°F