BrySmart Wheel Dryer
BWD series

MARCHING TOWARDS INDUSTRY 4.0

Drying • Conveying • Blending
Industry 4.0, or the fourth industrial revolution, is a major step forward in increasing manufacturing efficiency, and thus productivity. The framework of Industry 4.0 is powered by advanced controls, sensors and easy-to-use software, which all provide data to analyse and optimise productivity. The advanced BrySmart® controls embedded in the new BWD series plastics dryers is a step in this direction.

Nowadays, professionals involved in keeping a plastic processing plant running in various shifts, need to have better access to machine data and control. They can now have a better control on productivity, tracking defects and even keeping up with preventive and predictive equipment maintenance for better optimization of productivity with the data provided by the BrySmart® controls, which incorporates Industry 4.0 concepts.

The new Super BryWheel®, BWD series dryers incorporating the BrySmart® controls, comes with advanced technology in connectivity which connects the equipment to internet.

With the help of the Super BryWheel®, BWD series dryers, the user can manage the process through smart phones, tablet and computers from anywhere and anytime*

*Subject to presence of internet connectivity at both the end
BWD Series Comes with Following Features and Advantages

- Process air high temperature paper cartridge filter
- In built pre-cooler
- Continuous data log of system parameters and online display of operating parameters.
- Ethernet port
- Intelligent re-start following a power failure
- Password protected feature for unauthorized mishandling
- Intelligent power circuit switching to minimize voltage drops in the unit supply system
- Small footprints; low volume/weight per CMH
- Real time clock/calender
- Digital dew point meter (optional)
- Material saver mode (optional)

THE POWER OF SUPER BryWheel™

Features of Super BryWheel Rotor

- Rotor incorporates robust internal structure for industrial quality and durability
- The rotor is non-flammable with organic < 2%
- Process and reactivation air flow sectors are insulated
- Unique PTFE coated silicone flat seal
- Reusable cartridge type high efficiency paper filter for process and reactivation air flows
- Auto pilot mode

Advantages

- BryWheel ensures you have a much better control over dew-point and temperature.
- The desiccant rotor takes lesser time to regenerate, i.e. it heats and cools comparatively in a lesser time than alternate drying technologies, thus saving energy
- More energy savings, reduced energy costs
- Maximum surface area for drying
- Lower downtime, the rotor has fewer moving parts and thus, less prone to breakdowns
- Light weight
- Amazing structural strength
- Lower dew-point

Unlimited Options

The BWD series dryers are ideal for a stand alone, single station operation as well as multi station centralized installation.
**Technical Specification For BWD - series**

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*Indicates unit available in 230/1/50Hz only

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**Technical Specification For BWD (L)- series**

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**Schematic Offline Sketch**

**Schematic Online Sketch**

**Option Availability**

**DRYING RATES (Kg / Hr)**

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**4 EASY WAYS TO REACH US**

Submit online form at www.bryair.com
Email us at bryairmarketing@pahwa.com
Fax us at +91-11-23906600
Locate and call your nearest office