

The Ultimate Compressed Air Dryer “Engineered without Compromise”

If you are in the market for a desiccant Compressed Air dryer you will be aware that it can be a complicated issue on what is available to satisfy your requirements. At Hi-line Industries we are dedicated to the design manufacture and supply of adsorption dryers engineered to the highest standards.

So what's New?

Hi-line dryers are unique in their benefits which they offer to their customers, for example our Zero Loss dryers include the following: -

- *Zero compressed air loss - Lowest possible running costs.
- *Manufactured to EEC machinery directive “CE” marked. PED compliant
- *One-year warranty parts & labour - Five-year warranty with service contract.
- *Programmable logic controller - Mitsubishi, Siemens, Allen Bradley –your choice
- *User interface with Indicator Panel - For total control
- *Electrical Wiring to 16th Edition IEE regs - Wiring diagrams on AutoCAD
- *All pipework and valves in 316 Stainless Steel - Argon purge tig welded
- *Heater protection system - Safety as standard
- *Vari- Time Stand-By System - Regenerate with low peak electricity
- *Energy Efficient -Regeneration can be by steam, electric, heat of compression, oil.
- *Nationwide service support from dedicated Hi-line Service Division
- *Installation +commissioning included in dryer package price.
- * Cycle stepping programme on screen display. -.User-friendly control, no laptop needed.

Manufactured on site in Lichfield - British Made

*Independent switching valves - Valves fail-safe.

*Insulated vessels - For thermal energy efficiency

*British/European standard pressure vessels - EN286, BS5500, ASME VIII

*Pressure equalisation system - No pressure fluctuations

*Full flow check valves – Low-pressure drop across Hi-line dryers

*Generously sized pressure vessels - For extended Air/Desiccant contact time

*Smallest possible footprint - Designed for your available space

*Standard range or bespoke for your application

*Flow rates from 10 scfm up to 10,000 scfm

Low Energy Consumption **Beat the Climate Change Levy!**

All adsorption dryers require a certain amount of energy to work; in fact energy consumption is key to its performance. At Hi-line we optimise the energy usage so that the dryer does not waste energy by utilising our **AEMS – Automatic Energy Management System**

AEMS –how it functions

This unique system has in-built varying operating parameters that will match the compressed air inlet conditions to the dewpoint required.

*Extends cycle time to demand regeneration by dewpoint control.

*Regeneration temperatures directly controlled from PLC.

*Fan motor optimiser unit to ensure only the minimum amount of power is consumed

* The AEMS can be retrofitted to all makes of dryers-to make standard old technology dryer's energy efficient.