

Paxton's PowerDry™

The Leader in Drying Solutions!

ROI OFTEN IS LESS THAN A YEAR

SAVES ENERGY

BEST IN CLASS, 3-YEAR WARRANTY PROGRAM

FEATURES

- Saves up to 80% of total energy consumption
- Return on Investment often in less than a year
- Delivers 360° moisture or debris removal
- Speeds conveyor lines up to 50% while reducing loss rates
- Adapts to any conveyor w/line speed up to 2000 ft per min
- Eliminates water spots and other moisture-related issues
- Solution for food, beverage and packaging operations



Patent Pending

ELIMINATE COMPRESSED AIR CONSUMPTION SAVES ENERGY!



A pioneer in precision drying systems since the 1950s, Paxton's PowerDry™ Systems set the standard for complete custom-designed blow-off cleaning and drying systems. Our affordable systems use significantly less energy than a compressed air system (or thermal processes) while outperforming them in every possible way. At the heart of the Paxton PowerDry™ System is a high-performance Paxton centrifugal blower that continuously delivers accurate and pre-set air volume and velocity for flawless performance in every application (see back page for list of applications).

Clean, dry, oil-free air is channeled through Paxton's own Manifolds to deliver more volume at higher velocities than any comparable system. Choose between an inline 6-nozzle manifold or our unique Spyder manifold that adds four flexible arms for maximum versatility to clean and dry those hard-to-reach problem areas.

The powerful centrifugal blower often will support a nearby second air tube to create a 12-nozzle blow-off system.

Every Paxton PowerDry™ System is backed by Paxton's 100% Performance™ Guarantee and Best in Class, 3-Year Warranty Program.



Paxton PowerDry™ System Applications



POWERDRY

PAXTON MANIFOLDS/SPYDER MANIFOLDS

- Saves up to 80% of total energy consumption — return on investment often is less than a year.
- Eliminates problem areas under lids, caps, crevices and other problem areas with four flexible arms (Spyder Manifold)
- Delivers 360° moisture or debris removal.
- Speeds conveyor lines up to 50% while reducing loss rates.
- Adapts to any conveyor or line speed up to 2000 feet per minute.
- Eliminates water spots and other moisture-related issues.
- Eliminates product recontamination during drying & blow-off.
- Extremely versatile with compact footprint and short cycle times.
- Adjusts easily for quick product and container size line changes.
- Delivers precise, directed air flow with inline 6-nozzle manifold.
- Eliminates potential contamination from oils, moisture and scale typically present in a compressed air system.
- Offers perfect solution for food, beverage and packaging operations with rugged polypropylene enclosure for washdown capability and effective noise abatement.
- Provides consistently dry surface suitable for quality coding.
- Auxiliary air tube kit enables one blower to power 12 nozzles. Paxton's Sales Engineers and Technical Support staff will work closely with you to design the optimum Paxton PowerDry™ System for your specific material characteristics and processing requirements. We'll help you estimate your current compressed air cost and Paxton air system's return on investment timeframe.

Easy to install, Paxton PowerDry™ Systems are perfect for virtually any major industrial application, including:

- Product & parts drying
- Liquid or particle blow-off
- Dust & debris blow-off
- Coating control
- Conveyor belt cleaning & drying
- Controlling surface coatings
- Conveying, holding down or cushioning materials with air
- Cooling or heating materials
- Providing an air curtain or barrier
- Separating different weights or sizes
- Surface impregnation
- Leak detection
- Corrosion prevention

With minimal maintenance, Paxton PowerDry™ Systems have performed flawlessly for numerous industries worldwide including:

- Food processing & packaging
- Bottle & can drying
- Auto, rubber & aircraft manufacturing
- Electronics & semiconductors manufacturing
- Glass & sheet metal manufacturing
- Medical & pharmaceuticals
- Chemical manufacturing

SPECIFICATIONS:

Blower: Paxton Centrifugal XT-300, 3 HP Motor, 208-230v or 460v, 3-phase

ENCLOSURE:

White polypropylene, stainless steel base and hardware

AIR TUBE:

UHMW polyethylene 29.5" tube with 6 adjustable nozzles, stainless steel mounting

HOSE:

3" Flex FDA compliant 8' long, stainless steel clamps

WEIGHT:

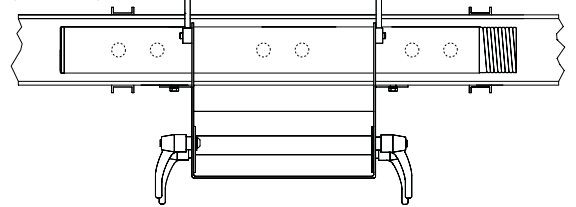
150 pounds, entire system

The powerful PowerDry blower will often support an additional air tube for a nearby, second location or processing line. An Auxiliary Air Tube Kit is available to deliver a maximum 12-nozzle blow-off.

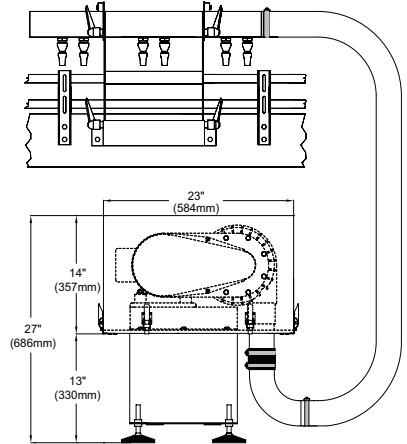
MODEL NO.	DESCRIPTION
8006002	Paxton PowerDry, complete system
8006150	Auxiliary Air Tube Kit; includes 2nd air tube assembly, mounting, Y-divider
8006108-2	Replacement elements, high performance air filters; 2-Pack

Sample Application Drawing:

(Top View)



(Front View)



SPYDER OPTION



100%
PERFORMANCE
GUARANTEE

PAXTON
PRODUCTS

If the systems we've quoted don't perform as expected, we will upgrade them at our expense until it meets or exceeds your requirements.

Distributed by:



ISC Sales
4421 Tradition Trail
Plano, Texas 75093

800-836-7472
isccompressedair.com



Leading the science of high performance drying