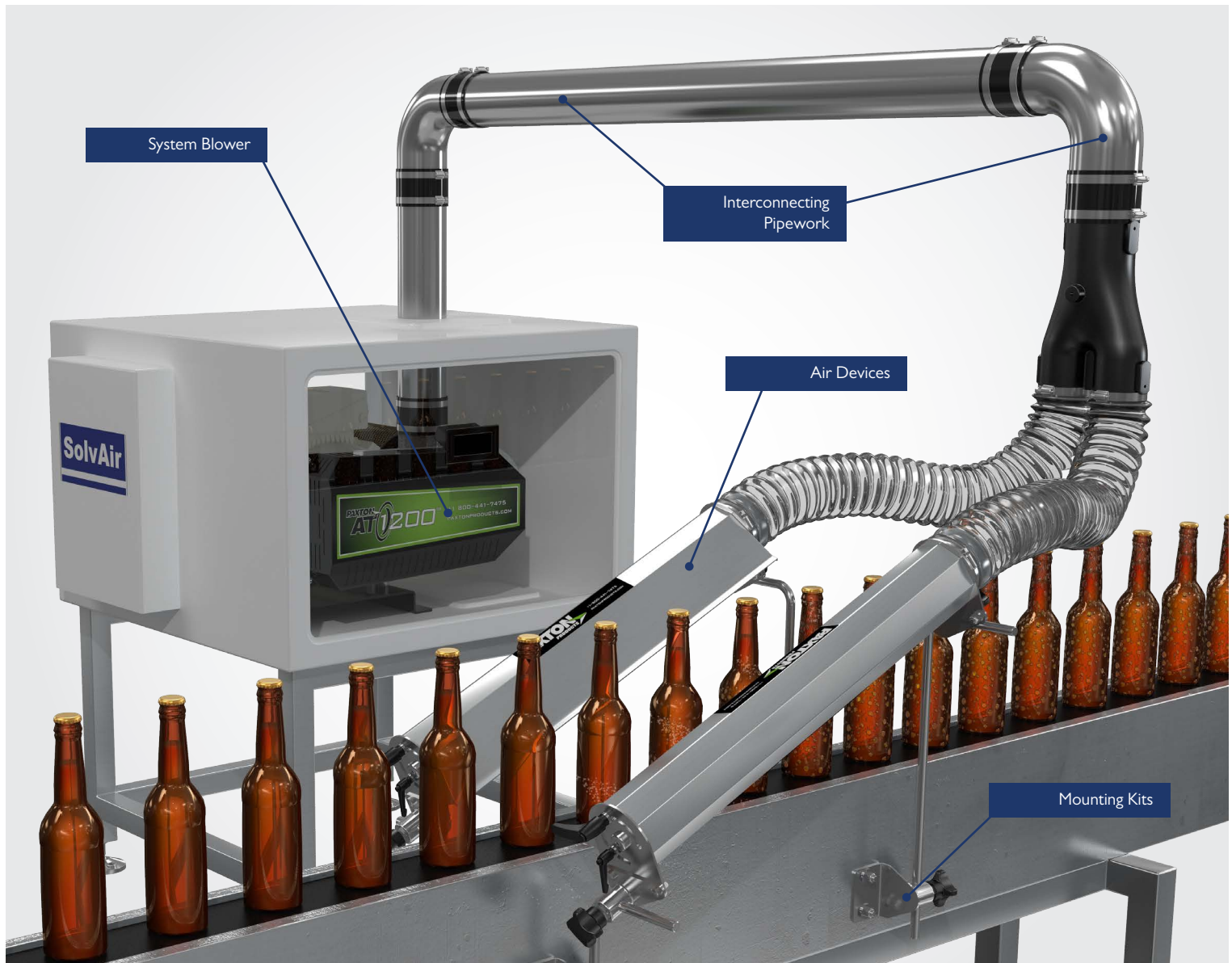


Effective, Energy-Efficient Air Knife Systems

Highly effective cleaning, drying, blow-off and liquid control for a wide range of industrial applications.

SolvAir



System Components:

- High Performance Blower
- Air Knives and/or Nozzle Manifolds (Air Devices)
- Mounting kits for the Air Devices
- Interconnecting pipework between Air Devices and the system Blower
- Electrical controls to start/stop the Blower and regulate the performance

System Performance:

- Blowers generating High Volume Air flow of upto 2,400 M³/hr for a 15kW unit
- System pressure typically around 100-175 mbar
- High velocity linear airstream upto 200 m/sec
- Capable of continuous operation 24/7
- Eliminates the use of costly compressed air

System Uses:

- Removes liquids
- Controls the thickness of liquids
- Dries liquid coatings
- Removes foreign particles
- Cools product surfaces
- Creates a hold down force to assist in the mechanical bonding of materials to the surface

Drying • Cleaning • Cooling • Blow-Off • Air Curtains • Spreading • Coat Control

System Blower

Energy-efficient Blowers, rather than costly compressed air, to generate the air supply for our Air Knife systems.

Our blowers are carefully selected to guarantee system performance based on the quantity and size of the air devices required.



Interconnecting Pipework

Well-designed interconnecting pipework directs the air from the Blower to the Air Devices.

All our pipework is designed to minimise pressure loss, and uses smooth internal bore tube and long radius bends.



Air Devices

Powerful airstream from the Air Knife shears liquids from the surface of the products as they pass by.

Air Knife Systems provide contactless operation 24 hours a day.



System Enhancements Include:



Blower Enclosures.



Electrical Controls.



Air Knife Enclosures.

For more information on our Air Knife Systems or Engineered Air Solutions please contact us.