



**DESIGNERS, FABRICATORS AND ERECTORS OF
DUST CONTROL AND PNEUMATIC CONVEYING
WOODWORKING SYSTEMS**

AIRCON CORPORATION
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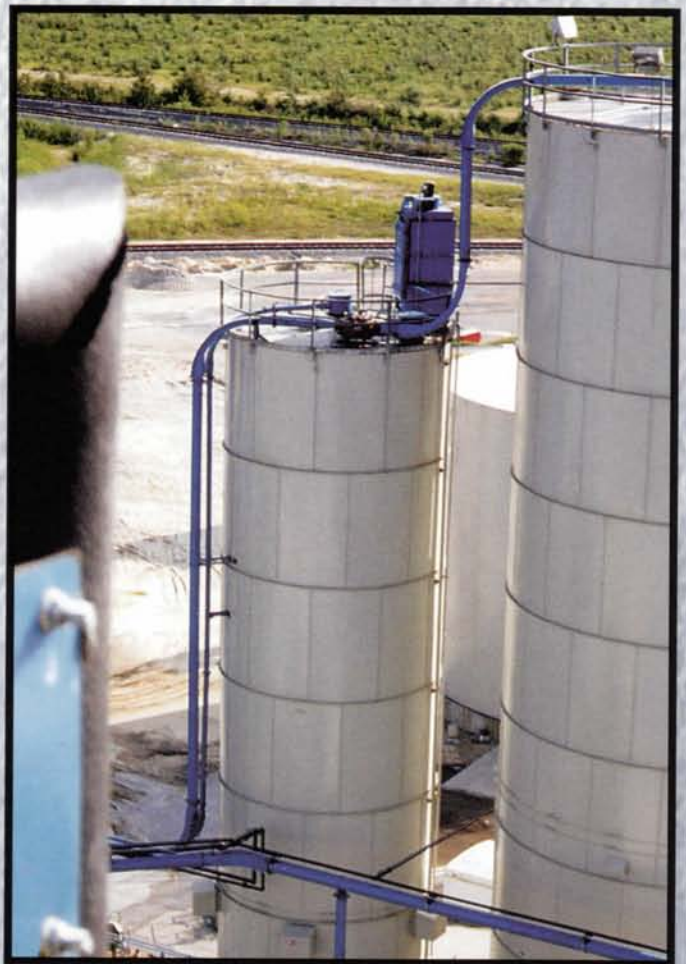


Aircon Corporation specializes in a variety of pneumatic dust collection systems and equipment, including both high and low pressure wood-waste removal systems for all types of wood industries, including particleboard, plywood, MDF and OSB. The reverse air baghouses are made in a variety of sizes.



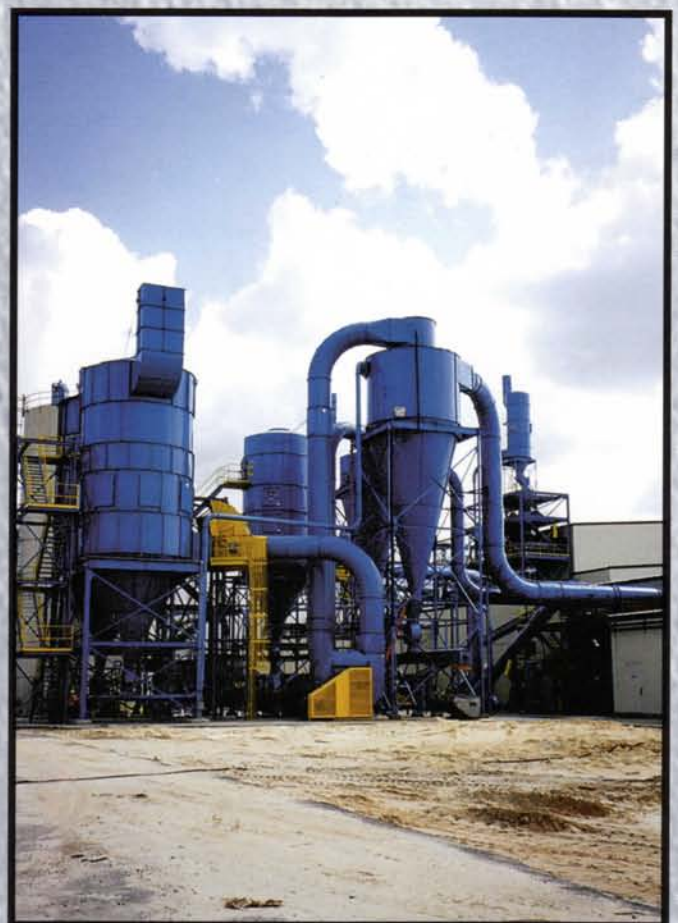
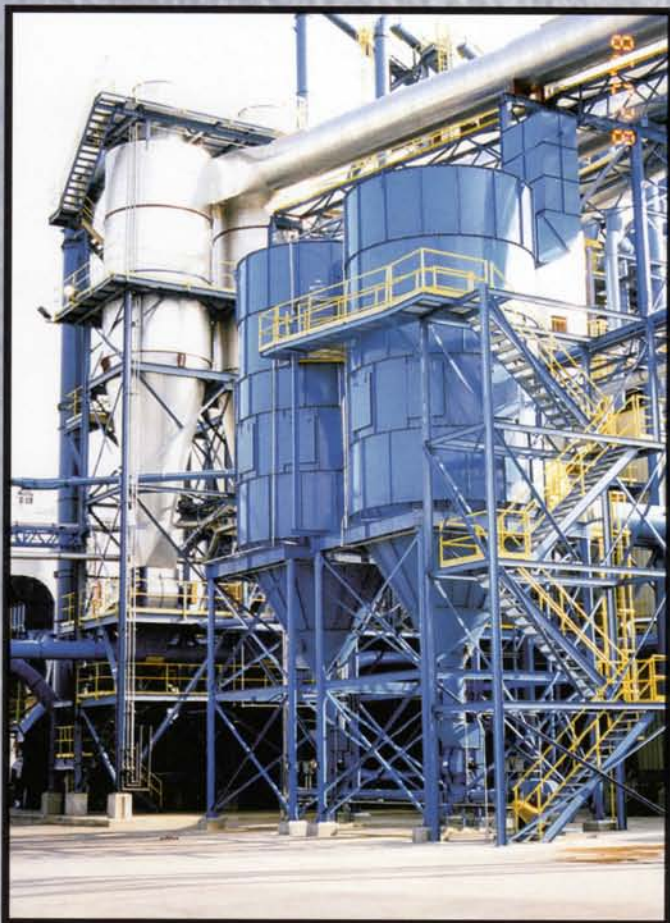


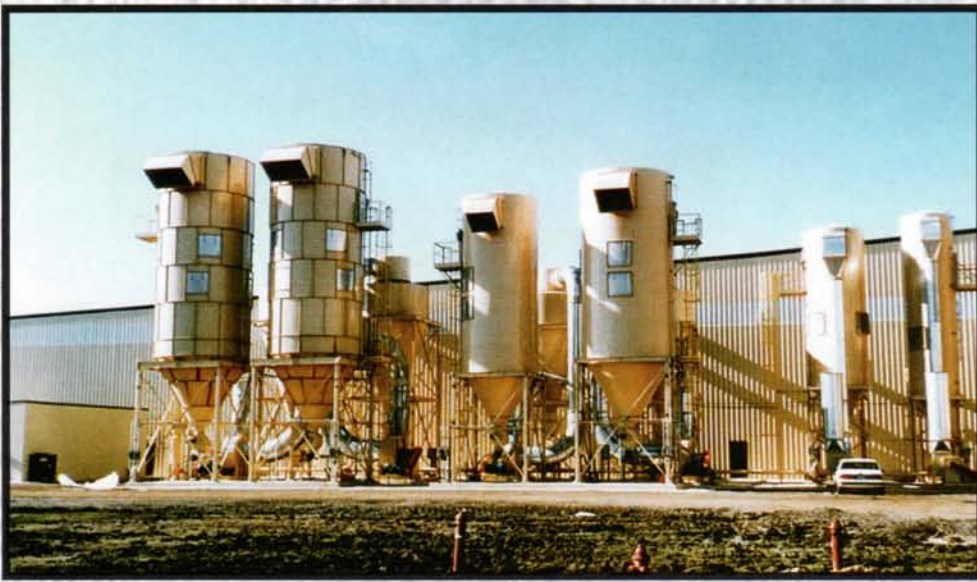
The Aircon baghouse and cyclone shown above were installed in a pine board plant. Dust is collected from one of the nation's highest capacity planers, operating over 1200 feet per minute.





The presence of the big blue reverse air baghouses (above and opposite page) signals both the end of dust problems and the beginning of effective material recycling for this MDF facility. A smaller beige compressed air unit (lower right) stands above the silos of a particleboard plant.





From a particleboard facility (above), to a new furniture production line (middle), to a planer mill (below), Aircon installations constitute an essential part of the production line and add to safe plant housekeeping.





While Aircon baghouse tops may rise majestically above a dust-free skyline, an important part of the installation is in fact much closer to the ground. Heavy-duty structural steel supports can be built in varying heights to accommodate new and old roofs, ductwork, and high-pressure dust conveying lines. Especially noteworthy about this installation is its easy navigable stairway and ladder egress.



For a custom fit without a custom price, hoods must get the job done without interfering with the job already getting done. These top and side hoods are from a planer mill.





From an Aircon cyclone, many woodworking facilities recycle materials into a bin for truck pickup. This particular application includes valuable safety features such as a spark detection system with multiple abort gates, which is essential in storage areas.



Moving from the outdoor facility with thousands of bags to an indoor single-bag application, Aircon versatility encompasses everything except customer dissatisfaction.

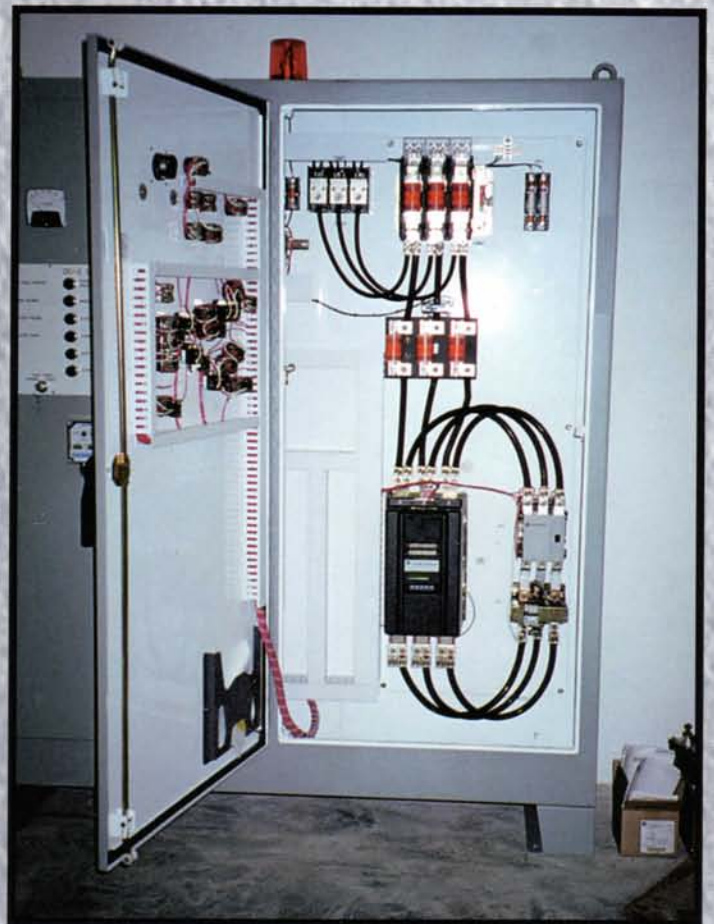
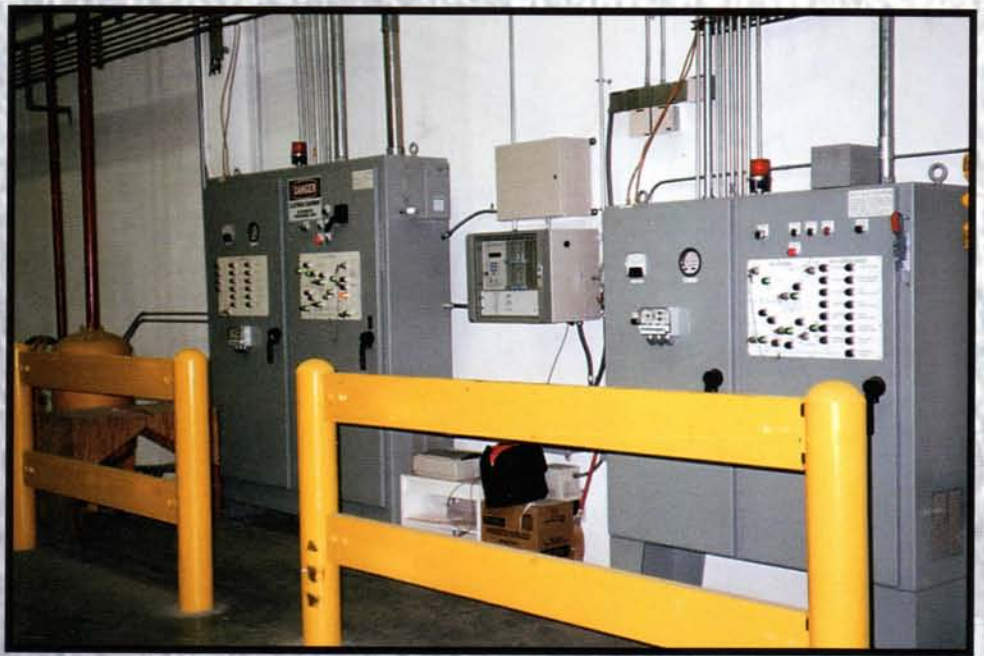


Critical points of any application are rotary valves and system fans. Ranging in sizes from 8" to 60", Aircon airlocks are the most cost-effective low-pressure valves on the market. Positive pressure blowers can be economic alternatives to outdoor negative pressure fans.

Finally, some electrical boxes with a little consideration for the

folks who may want to make adjustments to the system.

A maintenance-free operation is one thing, but a clear and logical electrical panel and PLC layout is irreplaceable. We can include everything from monitoring high-level alarms to interfacing with plant fire alarms and paging systems. From sequencing start-up and shut-down to spark detection systems with multiple abort gates and maintenance history printouts, let Aircon's experience work for you.





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