

# PULP & PAPER KEEPING ESSENTIAL BUSINESSES RUNNING



## THE HARTZELL DIFFERENCE

Building the highest quality fans in America for generations



## **QUALITY AT EVERY TURN.**

Hartzell Air Movement exceeds the standard in the air movement industry, committed to delivering top-quality, reliable products. And our relationship with our customers, and our knowledgeable, inventive, flexible and hardworking employees are the reasons we've continued and thrived, right here in the USA, for six generations.

#### **Customers choose Hartzell for our:**

- Durability and high performance
- Low cost of ownership
- Leadership in performance testing and certification
- Advanced engineering and manufacturing processes
- Innovative design and manufacturing
- Trusted brand name

## Experienced Hartzell team to assist you from design to shipping

ISO 9001:2015 Certification
AMCA Accredited Laboratory
Complete Fans and Blowers
Centrifugal Wheels
Airfoil Propellers







## **HARTZELL ADVANTAGES**

#### A LIFETIME OF VALUE

- ☐ Industrial fans are field proven, 100% tested, with virtually no incident of return
- ☐ Energy efficient designs that provide a lower total cost of ownership

### LEADERSHIP IN PERFORMANCE

- Products certified by AMCA that meet DOE recommended efficiencies
- ☐ Highly efficient industrial fan designs that are the quietest in the market
- Airfoil shape blades with industry leading measured efficiencies

#### ADVANCED ENGINEERING & MANUFACTURING

- ☐ Proven manufacturing techniques on state of the art equipment in ISO 9001:2015 registered facilities
- ☐ Engineering team utilizes the latest design tools in 3D CAD and other modeling software

#### **CREATIVE DESIGN & MANUFACTURING TEAM**

- Offering the greatest number of industrial fan design choices
- ☐ Building products to meet your rigorous application; no limiting catalog

### TRUSTED BRAND NAME

☐ Extensive talent pool bringing over 145 years of knowledge and experience to you

#### **5-YEAR WARRANTY**

☐ The industry's first and only manufacturer that stands behind their products for a full 5-years



- Register your 5 year warranty
- Download your installation manual
- Order replacement parts





## THE HARTZELL DIFFERENCE

- ☐ We incorporate clever time-saving maintenance features other manufacturers choose to omit such as swing-out capabilities.
- Mitigate plant contamination risks by keeping rotating elements clear of the roof opening.
- Hartzell offers the DA Prop, a flexible and unique no-stall propeller.
- Our products deliver focused air flow for customer applications that contain spread and throw.
- Our savvy technical resources don't simply take orders; they are application-focused air movement gurus. Customers get the best fan for the application not just any fan that should get the job done.
- ☐ ISO 9001:2015 certified

# **PULP & PAPER**MARKET OVERVIEW

Large, spacious facilities with hot, steamy air and lots of fine paper particulate matter in the air characterizes pulp and paper environments ideal for Hartzell Air Movement fans. Even through personnel safety is always the top priority in any industry, the day-to-day role air movement fans play in workers' health and safety isn't always visible. However, when a plant's ability to meet ventilation and indoor air quality standards is hindered, the fans you use matters. When does air movement always matter? When the loss of a fan can cause a safety issue, allowing air particulates to build up; when heat and humidity levels impact the manufacturing process; or when it's a key component of a critical process such as a drying operation.

## **HOW WE SOLVE YOUR PROBLEMS**

## **SAFETY**

Personnel safety — from less than optimal internal air quality, and extreme heat in particular — as well as routine maintenance are top priorities.

#### UPTIME

Reduced downtime of critical processes means improved performance and continuous power production.

### OPERATIONAL BUDGETS

Operating budgets are thin, with little resources to cover unplanned or unexpected maintenance, repair or replacement costs.



# **PULP & PAPER**



## **SERIES 35**

Has the best features of the rugged, highly efficient Vaneaxial Blower with the economical performance of the Hartzell Duct Fan. Duct Axial® fans give maximum efficiency in the static pressure range from 1 to 3" at low speeds and with surprisingly low noises characteristics. The Hartzell Belt Drive Fiberglass Duct Axial® Fan is designed for duct installations where the nature of the corrosive airstream warrants isolation of the motor and drive assembly from the airstream. Standard sizes are 12-60".



## **SERIES 02**

Direct Drive Panel Fan. available in standard sizes from 12. To 60", is a rugged and versatile fan, ideal for general ventilation, smoke and fume removal, cooling, air supply or exhaust applications. AMCA-certified for air performance, Series 02 fans are built with heavy-gauge steel mounting panels for mounting in any position from horizontal to vertical.



## **SERIES 69S**

Upblast Roof Vent swingout construction provides easy, safe access to internal fan component for inspection, cleaning, maintenance or repair without removing the entire fan assembly or having personnel working directly over the roof opening.

More than 50 Hartzell representative offices can provide specific performance and installation data to meet your requirements. Call your Hartzell Air Movement representative for assistance. Visit www.hartzellairmovement.com or call 800.336.3267 for the name of your representative.















