



INDUSTRIAL VACUUMS FOR THE BAKING & SNACK FOOD INDUSTRY

DELFIN INDUSTRIAL CORPORATION

Delfin offers a full range of vacuum cleaners, dust collectors and pneumatic conveyors providing efficient solutions for the food & beverage industries. Our portable and centralized systems are certified **explosion proof** to North American standards for dry combustible dust/ingredients in hazardous environments. We offer 30 plus years of providing solutions to cross-contamination, sanitation, quality, hygiene and sanitation safety problems.

WE HAVE VACUUM SOLUTIONS TO COVER YOUR FACILITY FOOD APPLICATIONS



Some of the most commonly used ingredients such as flour and sugar are defined as **combustible dust** by the NFPA. Delfin takes initiative to provide a full line of NRTL tested and certified explosion-proof vacuum systems that includes:

	CLASS	RISK	GROUP
GAS, VAPOR	I	DIV. 1, NORMALLY PRESENT	D
LIQUID	I	DIV. 2, ABNORMALLY PRESENT	D
DUST	II	DIV. 1, NORMALLY PRESENT	E, F, G
	II	DIV. 2, ABNORMALLY PRESENT	F, G

- Single-phase Class II, Div. 2 models with brushless motors
- Three-phase Class II, Div. 2 models with side-channel blowers
- Single and three-phase Class I & II Div. 1 models
- Three-phase Class II, Div. 2 vacuums for production lines
- Portable Div. 1 and Div. 2 models for centralized systems

All systems have bonding and grounding, a stainless steel collection tank, antistatic filter and integrated cleaning system.



THE MAIN FEATURES OF EXCELLENCE



POWERFUL MOTORS UP TO 14.5 HP (11 KW)

- | | |
|--|---|
| SINGLE -PHASE
Spark-free brushless.
Up to 10,000 hours
expected life | THREE PHASE
Side-channel blower
for continuous use up
to 20,000 hours |
|--|---|

HIGH-EFFICIENCY FILTRATION AND FILTER CLEANING SYSTEMS

- | | |
|---|--|
| ANTISTATIC
Many antistatic filter
options
(0.18 - 3 micron) | H14 HEPA
Standard in all
Division 1 certified
vacuum systems |
|---|--|

NFPA COMPLIANT ACCESSORIES

- | | |
|---|--|
| COMPLETE RANGE
NFPA compliant
tools for cleaning
overhead, floors and
crevices | COLOR-CODED ACCESSORIES
Prevent cross-
contamination.
Antistatic, autoclavable
and FDA approved
nitrile rubber available |
|---|--|



Prevent cross-contamination



Handle combustible dust



Prevent cleaning injuries

DUST COLLECTORS

Localized suction prevents spread of dust plumes to reduce cross-contamination risk and cleaning distractions. Systems can integrate into production lines or can be used with extending extraction arm.

- Electric Fan for High Airflow
- Large Filter Surface
- Auto-filter cleaning options
- Class II Div. 2 NFPA compliant



PNEUMATIC CONVEYING SYSTEMS

Safest, most effective way to move product and preserve quality. Attach to auto or semi-auto machinery and transport at advanced speeds to boost productivity up to 30%. Electric (dense phase) and air-operated (diluted phase) systems available.

- Transport 8,800 lbs/hr
- Customizable to your needs
- Enclosed system to prevent spills
- Separates materials to avoid contamination
- FDA certified stainless steel components
- NFPA compliant models for Div. 1 and Div. 2



MORE NFPA COMPLIANT OPTIONS



PNEUMATIC EXPLOSION-PROOF

Air-powered models with patented multi-jet venturi systems. Maintenance free.



OVEN CLEANING SOLUTIONS

Hi-temp tools & NOMEX filters available for oven & other high temp applications.



CENTRAL VACUUM SYSTEMS

Delfin provides professionally engineered whole plant vacuum systems customized for any facility.

Your EH&S product plant needs are our top priority

With more than 30 years of experience, we have engineered a broad product line of over 140 models with customizable options to cover any application in the snack food & baking environment.

Delfin is a global leader in the manufacturing of industrial vacuum equipment, ranging from portable vacuums for industrial cleaning, to central vacuum systems and engineered solutions, to pneumatic conveying systems. Our mission is to create value by designing innovative solutions that improve efficiency, safety, and productivity. Our aim is to use our expertise to help our customers to achieve their goals.



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