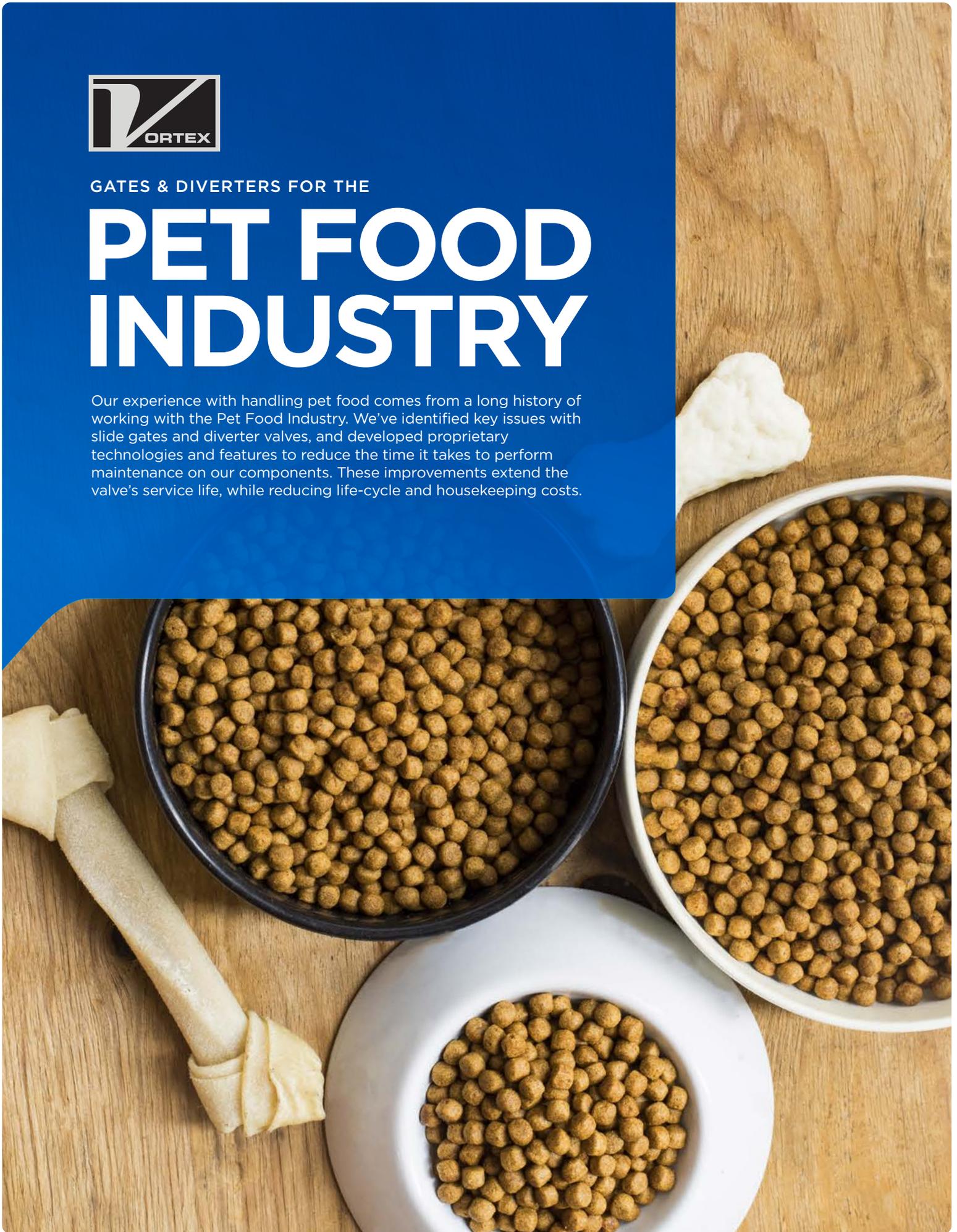




GATES & DIVERTERS FOR THE

PET FOOD INDUSTRY

Our experience with handling pet food comes from a long history of working with the Pet Food Industry. We've identified key issues with slide gates and diverter valves, and developed proprietary technologies and features to reduce the time it takes to perform maintenance on our components. These improvements extend the valve's service life, while reducing life-cycle and housekeeping costs.



Wye Line Diverter

DUST TIGHT SEAL

Positive seal of dust and fine powders through closed leg

DIVERTS AND CONVERGES

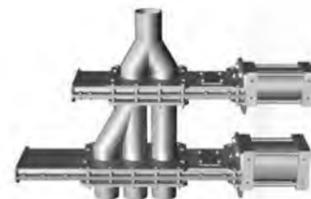
Diverts and converges material flow in pneumatic applications

IN-LINE MAINTENANCE

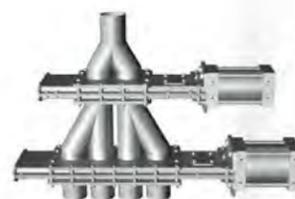
Serviceable while in-line



2-WAY CONFIGURATION



3-WAY CONFIGURATION



4-WAY CONFIGURATION

Multi-Port Diverter

MULTI SOURCE & MULTI DESTINATION CONVEYING

May be configured to accommodate customer requirements in handling the pneumatic flow of material from a specific number of sources to a specific number of destinations.



Seal Tite Diverter

UNIQUE FLOW DESIGN

Leading edge of blade protected from the material flow stream

INTEGRAL SHAFT SEAL

Shaft seal replaces area where food spoilage or infestation normally occurs

IN-LINE MAINTENANCE

Removeable access door for internal inspection, cleaning, or maintenance



Orifice Gate

SELF-CLEANING

Mechanically self-cleans on opening stroke

UNOBSTRUCTED OPENING

Seals protected from blast abrasion and material flow

IN-LINE MAINTENANCE

Serviceable while in-line



Valving Expertise for the Pet Food Industry

Vortex components are specifically engineered to be maintenance friendly. With easy access panels and in-line adjustment features that allow you to spend your time and money where it matters. When applied to pet food our products are clean, constructed of FDA

approved materials and can help eliminate cross contamination between pet food ingredients. Vortex valves have a stellar reputation and are relied upon by the pet food industry, worldwide. When industry leaders consider valving to handle their product, they think of Vortex!

Learn more about Vortex components at:

WWW.VORTEXGLOBAL.COM

Gravity Vee Diverter

INDEPENDANT FLOW CONTROL

Two independant actuators allow material to be shut off at the diverter as well as material flow to either destination, or both destinations at once.



Roller Gate

DUST TIGHT SEAL

Positive seal of dust and fine powders

IN-LINE MAINTENANCE

Serviceable while in-line

SAFE OPERATION

Valve has no pinch points or exposed moving parts



Fill Pass Diverter

STACKABLE BATCH CONVEYING

Designed to convey material to individual bins within a closed-loop conveying system. Diverter may be stacked to accommodate different materials conveyed to the same bin.



Clear Action Gate

SELF CLEANING ACTION

Self cleans on closure to reduce material build-up

POSITIVE SEAL

Positive seal across the valve and to atmosphere

ACCURATE METERING

Accurate metering of materials with optional metering controls



HDPV2 Gate

RISING BLADE DESIGN

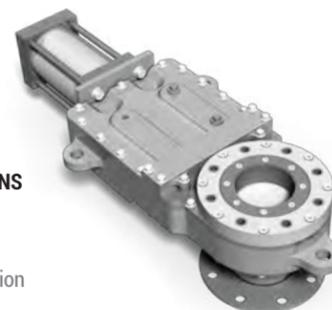
Sealing is on top of the blade, No jamming or packing of material into an end seal

HIGHER PRESSURE APPLICATIONS

3-5 barg (depending on size)

PRESSURIZED BONNET

Reduces fine material accumulation inside the body of the valve



Maintenance Gate

MANUAL SHUT OFF

Gate stops the flow of material when downstream maintenance is required or an upset condition occurs



Flex Tube Diverter

ELIMINATE CROSS CONTAMINATION

Unique tube design isolates material to the off leg

2 OR 3-WAY CONFIGURATIONS

Diverts or converges material flow

SEALS PROTECTED FROM WEAR

Seals are not exposed to material stream

NO PINCH POINTS

Enclosed housing protects workers from internal moving parts





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