

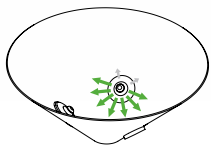
VBS Bin Aerators

One-Way air fluidizer for dry, fine, granular powders

POWERED BY TRAMONTANA™ DISK FLUIDIZER (PATENT PENDING)



**UNIQUE
ONE-WAY
DIRECTIONAL
AIR FLOW**



**New and innovative design
improves productivity**

Designed to maximize system
efficiency: the fastest loadout speed



Food & Pharmaceutical Grade

Made with FDA
approved components



TRAMONTANA™ Disk Fluidizer

One-way directional air flow
boosts powder discharge



OLI



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**AERATORS FOR
SILOS, HOPPERS, PIPES**





Features

NEW, INNOVATIVE, REVOLUTIONARY: TRAMONTANA™ DISK FLUIDIZER

The VBS is designed to maximize unloading efficiency: the TRAMONTANA™ disk fluidizer (patent pending) boosts powder discharge speed thanks to its unique shape.

**NO COMPROMISE.
CHOOSE THE BEST
TECHNOLOGY.**

VBS - BIN AERATORS

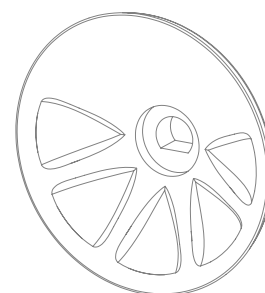
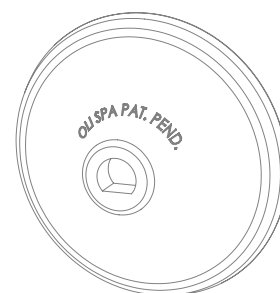
APPLICATION	Silos, hoppers, pipes
POWDER	Dry, fine, granular
PROBLEM SOLVING	Bridge and rat-holing

FEATURES

DUTY CYCLE	Continuous or discontinuous
WORKING PRESSURE	From from 0.8 bar to 6 bar (12 psi to 87 psi) recommended 4 bar (58 psi) MICRO VBS from 0.8 bar to 2 bar (from 12 psi to 29 psi)
PNEUMATIC CIRCUIT	Filter + flow control valve
AIR SUPPLY QUALITY	Non-Lubricated (Class. 5.4.1)
TECHNOLOGY	Vibro-Aerator
MATERIAL	Silicone membrane [food grade] - FDA 177.2600 Aluminium / stainless steel stem [Food & Pharmaceutical grade] Nylon body with steel ring [VBE]

OPTIONS

EXTERNAL MOUNTING KIT	Stainless steel rectangular plate
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VBS Complete range

PRODUCT *	PICTURE	MEMBRANE COLOUR	STEM MATERIAL	MEMBRANE DIAMETER	
				mm	in
VBS	A	White	Aluminium	104	4
VBSI	A	White	Stainless steel	104	4
VBSIHT	A	Red	Stainless steel	104	4
VBSIMD	A	Blue	Stainless steel	104	4
VBSM	B	White	Aluminium	54	2.1
VBSMI	B	White	Stainless steel	54	2.1
VBSMIHT	B	Red	Stainless steel	54	2.1
VBSMIMD	B	Blue	Stainless steel	54	2.1
VBSE	C	White	Nylon	104	4
VBSEM	D	White	Nylon	54	2.1



* VBS=OLI Aerator VBSM=OLI Micro Aerator I=Stainless Steel HT=High Temperature MD=Metal Detectable E= External Mounting

Comparison chart – OLI vs. competitors



DURABILITY

COMPETITORS

OLI

Durable disk	Acceptable	Higher durability due to thicker profile in high wear areas
Max. temperature	170°C (340°F)	170°C (340°F) Red colour only: 235°C (455°F)



EFFICIENCY

Enhanced air fluidizer	No	TRAMONTANA™ disk: the Venturi style disk cavity of the VBS boosts air flow in the direction of the discharge reducing load-out time and air consumption
Loadout speed*	Good	25% faster than closest competitor



DESIGN

Smooth disk outer wall	No	Smooth disk outer wall to avoid material sticking to its surface, thus increasing product flow
Food-grade	Option	Option
Metal detectable disk	Option	Standard
Interchangeability	-	Yes
External mounting	Option	Option - available also for mini series

* Based on testing conducted by WAMGROUP and field test.
Competitors' data are the ones commercially available on the market. We do not take any responsibility regarding the accuracy of the above data.

**CUT YOUR
DISCHARGE
TIME. NOW.**

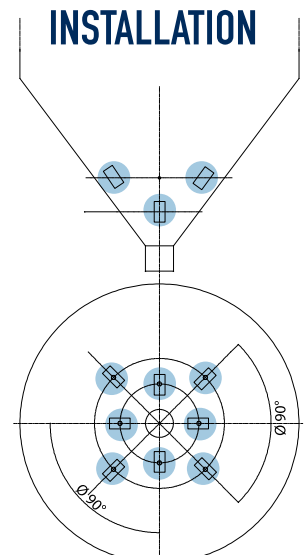
External mounting kit

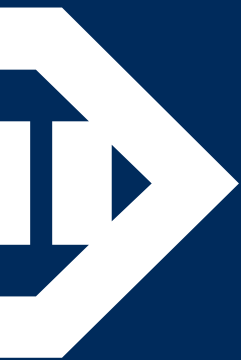


MATERIAL	Stainless steel rectangular plate
PROBLEM SOLVING	Great for applications where internal silo access is difficult or impossible
SIZE	120 x 192.5 mm [4.72ft x 7.58ft]
CUT OUT SIZE	67 x 162.5 mm [2.64ft x 6.40ft]



INSTALLATION





WHEN YOU NEED IT, WHERE YOU NEED IT

THE WORLDWIDE LEADER IN VIBRATION TECHNOLOGY



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