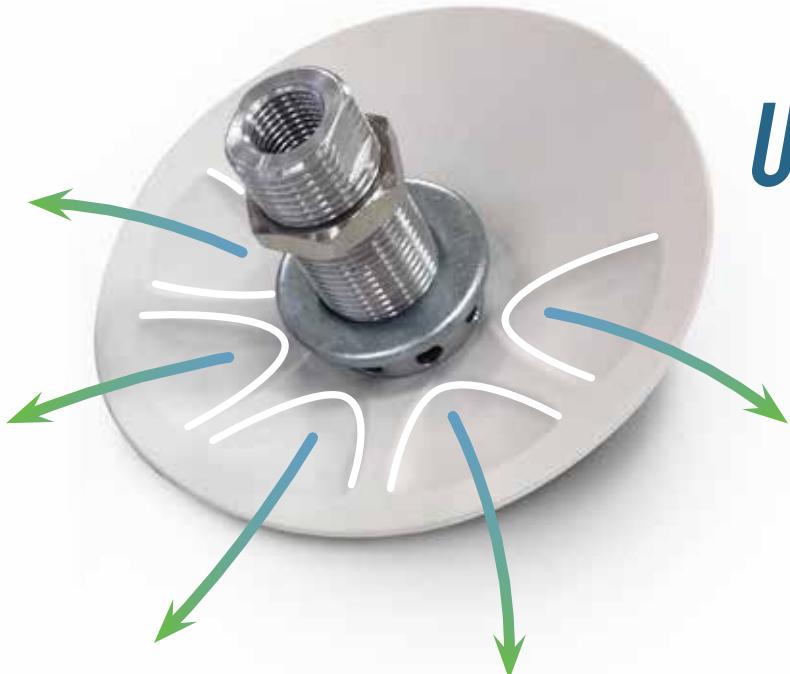


VBS Bin Aerators

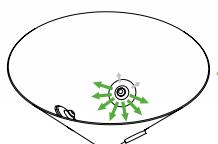
One-Way air fluidizer for dry, fine, granular powders



POWERED BY TRAMONTANA™ DISK FLUIDIZER (PATENT PENDING)



**UNIQUE
ONE-WAY
DIRECTIONAL
AIR FLOW**



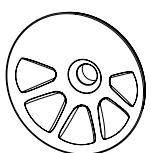
New and innovative design improves productivity

Designed to maximize system efficiency: the fastest loadout speed



Food & Pharmaceutical Grade

Made with FDA approved components



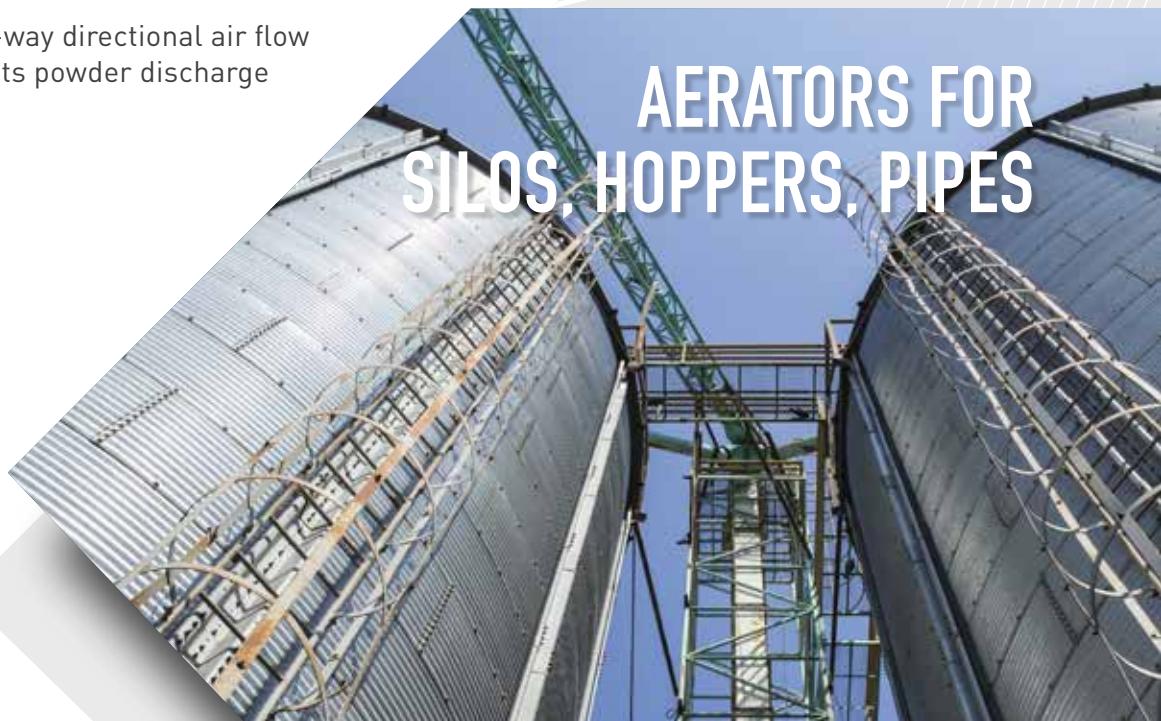
TRAMONTANA™ Disk Fluidizer

One-way directional air flow boosts powder discharge

**AERATORS FOR
SILOS, HOPPERS, PIPES**



OLI





Features

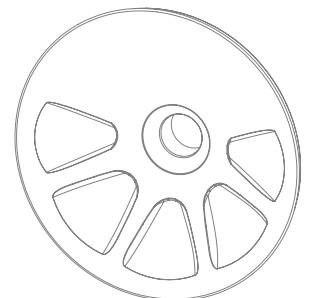
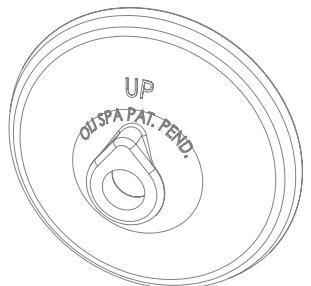
NEW, INNOVATIVE, REVOLUTIONARY: TRAMONTANA™ DISK FLUIDIZER

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 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 |
|-----------------------|-----------------------------------|



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 |

CUT YOUR
DISCHARGE
TIME. NOW.

* 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.

External mounting kit

MATERIAL Stainless steel rectangular plate

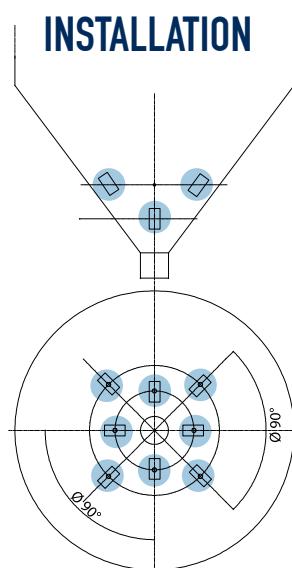
PROBLEM SOLVING Great for applications where internal silo access is difficult or impossible

SIZE 120 x 192.5 mm [4.72" x 7.58"]

CUT OUT SIZE 67 x 162.5 mm [2.64" x 6.40"]



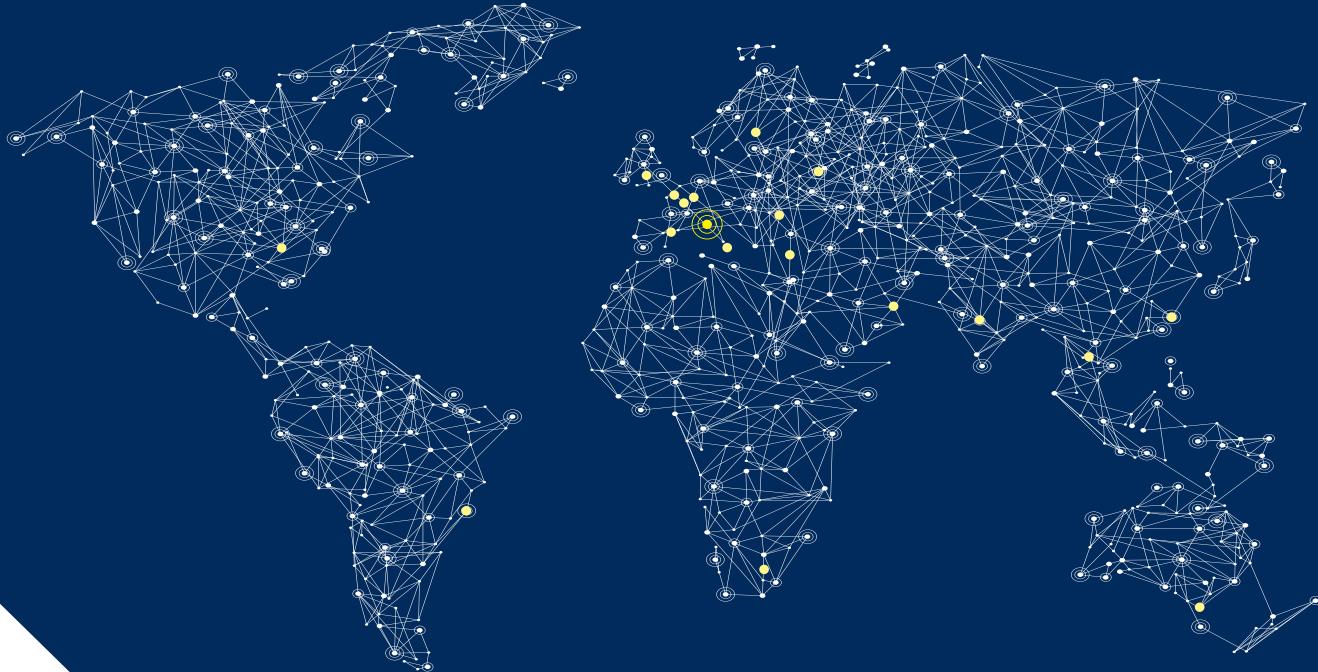
INSTALLATION



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WHEN YOU NEED IT, WHERE YOU NEED IT

THE WORLDWIDE LEADER IN VIBRATION TECHNOLOGY



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OLI Russia
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OLI Spain
OLI Thailand



OLI Headquarters

Via Canalazzo, 35
41036 Medolla (MO) - Italy

+39 0535 41 06 11

info@olivibra.com

WWW.OLIVIBRA.COM

