



INNOVATE • OPTIMISE • SAFEGUARD  
Your Blast & Spray Performance

A photograph of an industrial site at dusk or dawn. In the foreground, there are several pieces of orange and blue blasting equipment, including a large orange tank on a trailer and a smaller orange unit. In the background, there are several large, cylindrical metal storage tanks. The sky is a mix of blue and orange, suggesting a sunset or sunrise. The ground is dark and appears to be dirt or gravel.

# RENT THE EQUIPMENT OWN THE SUCCESS

## BLASTING INNOVATIONS

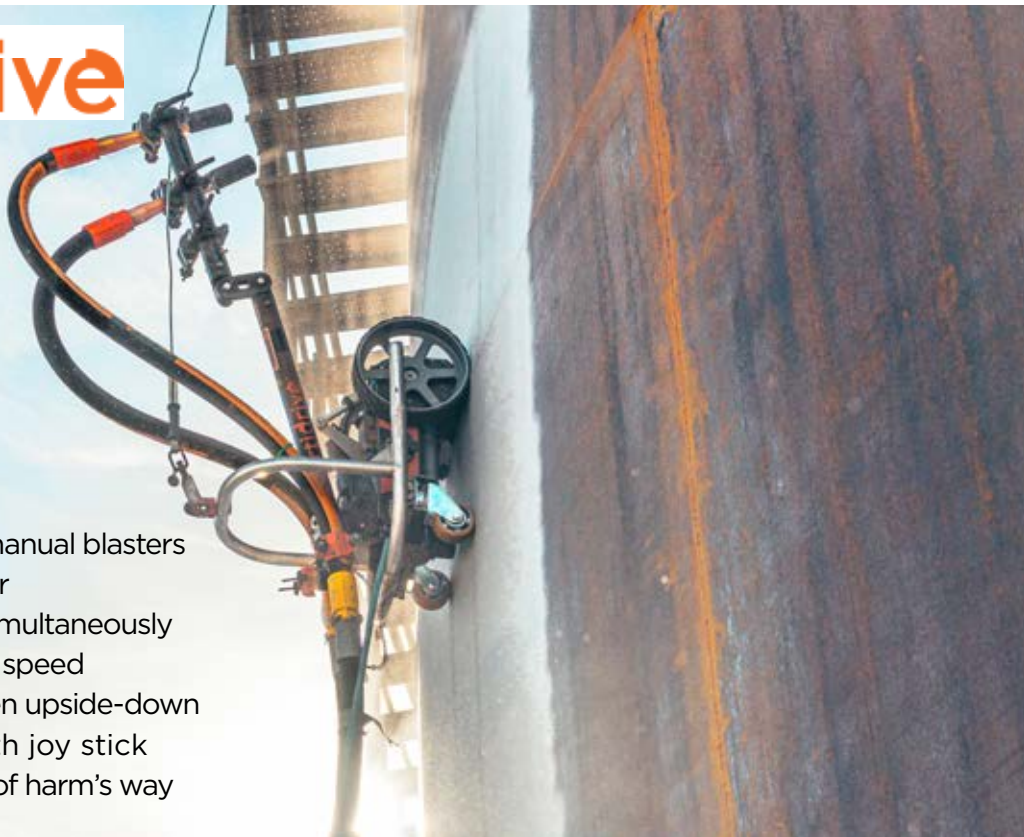
Good equipment is the foundation of smart and profitable working.

Those that do well in this industry know that to do so requires **adaptability**, ever increasing **efficiency** and **smart products** and **strategies**, rather than *“doing it the way we’ve always done it.”*

Successful blast and spray companies  
**Innovate, Optimise & Safeguard.**

vertidrive

- ▶ Does the Work of 5 manual blasters
- ▶ Up to 646 ft<sup>2</sup> per hour
- ▶ Use 3 (#10) nozzles simultaneously
- ▶ Automate timing and speed
- ▶ Blast walls, floors, even upside-down
- ▶ Wireless control with joy stick
- ▶ Keeps operators out of harm's way



## V700 SERIES

A REVOLUTION IN STEEL SURFACE PREPARATION

Unveiling our next-gen robotic system, the VertiDrive V700 Series, constructed to resist harsh industrial environments. A testament to superior engineering, it effortlessly handles any magnetic steel surface, even if inverted. Moreover, it seamlessly transitions between three different operations in a matter of minutes.

### KEY SPECS & BENEFITS

**Increased Production**

Blast up to 60m<sup>2</sup> p/h

**Climate Resilient**

Cooled & Non-Cooled Control Cabinets

**Adjustable Blast Hose Clamps**

Clamp any blast hose between 20 to 80mm

**Operator Friendly**

Blasters remain comfortable and healthy

**Plug & Play**

Ready to blast within 30 minutes

**Safety**

Prevents fatal blasting incidents

**Strongest Swing Arm Available**

Attach up to 3 #10 SnakeBite Nozzles

**Adjustable Magnets**

Reach new highs with increased payload capacity

**Consistent Blasting Pattern**

Any SA standard, all day long

**Minimal Swing Overlap**

Save up to 30% on abrasive media

**Compatibility**

Compatible with all abrasive blasting equipment

**Economical**

Does the work of up to 5 blasters



1 Operates remotely



2 Shipyards



3 Tank



4 Blasting applications before the painting



# EASIER, SAFER AND MORE ENVIRONMENTALLY FRIENDLY

Robots offer significant advantages over the traditional methods of surface preparation and industrial cleaning.

- ▶ Multi-purpose
- ▶ No need for scaffolding or cherry pickers
- ▶ Turns the work into a one-man job
- ▶ Safe, clean and efficient operations
- ▶ Closed systems available
- ▶ Low maintenance robots
- ▶ User friendly



## V400 SERIES

**PRIORITIZING OPERATOR SAFETY AND REVOLUTIONIZING ACCESSIBILITY WITH VERTIDRIVE V400 SERIES**

The V400 Series prioritizes operator safety, eliminating the need for UHP and abrasive blasting equipment in operators' hands. Furthermore, it revolutionizes accessibility and safety by operating efficiently even in high wind conditions without the need for specialized structures or equipment. Available in **ATEX and NON-ATEX**.

### KEY SPECS & BENEFITS

**Increased Production**  
Blast up to 45m<sup>2</sup> p/h

**Climate Resilient**  
Cooled & Non-Cooled Control Cabinets

**Enclosed Blast Can**  
Blast and collect wastewater at the same time

**Adjustable Magnets**  
Reach new highs with increased payload

**Operator Friendly**  
Easy remote control whilst staying comfortable

**Environmental Friendly**  
Collect all contaminants in a sustainable way

**Maximum Output**  
3000 bar @ 40 l/min

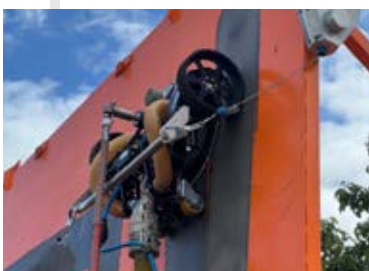
**Powerful Self-Rotating Nozzle Cross**  
House up to 16 M10 nozzles for peak performance

**Compatibility**  
Compatible with any UHP pump, vacuum truck, or the VertiDrive Skid Mount Vacuum System

**Cost-Efficient**  
Reduce cleanup time and scaffolding costs

**Cleaning Width**  
400mm consistent quality blasting pattern

**Agile**  
Able to blast in any direction (horizontal, vertically, upside-down)



1 Operates remotely

2 Shipyards

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4 Blasting applications before the painting





## SAY GOODBYE TO DUST AND A SLUDGY, MUDDY, BLAST POT

### WHAT IS MISTBLASTING?

It is **NOT** a limited purpose specialized machine that will sit around most days gathering dust.

- ▶ It's NOT SLURRY BLASTING
- ▶ It's NOT WATER RINGS
- ▶ It's NOT MESSY

It **IS** a fully functional dry blast pot with a simple yet capable water injection system.

### WHAT MAKES THE MISTBLASTER UNIQUE?

- ▶ Water vapor is introduced into the blast hose only after the abrasive exits the metering valve
- ▶ Full control over the amount of water used, down to 1 pint per minute (vs 2 gallons) during mist blasting.
- ▶ Easily switch between 4 applications: dry blast, mist blast, wash down, blow down.



# MISTBLASTER SELECTION GUIDE

MistBlaster Technology has been configured into a family of products - built with your needs in mind. Depending on your project, BlastOne has you covered.

All units are available for purchase or rental.



MODEL	SINGLE OUTLET BLAST POT	COMBO SKID - ADS AIR DRYER	MEGA MISTBLASTER
Part Number	MB20000	MB60000	MB70000
Pot Volume	6.5 cuft	6.5 cu ft	160 cu ft
Water Tank	N/A	50 gal	N/A
Air Dryer	No	Yes	No
Breathing Air Included	Optional	Optional	No
Outlets/Operators	1	1	4
Input Power	Dual Power (Electric & Pneumatic)	Dual Power (Electric & Pneumatic)	Electric
Max Compressed Air Flow	950 cfm	950 cfm	1600 cfm
Max Blast Pressure	150 psi	150 psi	150 psi
Water Dose	0-2 gpm (0-7.5 lpm)	0-2 gpm (0-7.5 lpm)	0-2 gpm (0-7.5 lpm)
Dimensions	42" x 48" x 58" (106cm x 122cm x 147cm)	72" x 47" x 60" (182cm x 120cm x 152cm)	109" x 99" x 125" (277cm x 251cm x 318cm)
Weight - Dry	750 lbs (340 kg)	2050 lbs (930 kg)	5500 lbs (2495 kg)



## BULK KUBE MEGA MISTBLASTER™

### 4-OUTLET 160 C.F. MEGA MISTBLASTER™

Mist Blasting for up to 4 Operators or VertiDrive Robot

- ▶ 160 CUFT Blast Pot combining all the benefits of Dust Suppression allowing 4 Blasting Operations to operate from one large pot storing up to 10 tonnes of abrasive – drives efficiency and productivity for large blasting projects.
- ▶ Dry Blast
  - ▶ Mist Blast
  - ▶ Blow Down
  - ▶ Wash Down



## MISTBLASTER™ COMBO SKID

### SINGLE OUTLET 6.5 MISTBLASTER COMBO SKID

The Ultimate in Convenience for a Single Operator

Dust Suppression System including  
Water Storage Tank,  
AirPrep Dryer System,  
Breathing Air System, Mini Air Pig

- ▶ All In One Combination System
  - ▶ MistBlaster 6.5 cuft Single Outlet Blast Pot
  - ▶ Deliquescent Air Dryer 400 cfm
  - ▶ Breathing Air System (including Radex Breathing Air Filter and GX4 Carbon Monoxide Alarm)



## MISTBLASTER™ SINGLE OUTLET BLAST POT

### SINGLE OUTLET 6.5 C.F. MISTBLASTER

New Equipment for New Needs

- ▶ 6.5 cuft capacity for up to 90 minutes blasting time between refills
- ▶ 4-in-1 versatility
  - ▶ Dry Blast
  - ▶ Mist Blast
  - ▶ Blow Down
  - ▶ Wash Down



# BLAST AND RECOVERY SYSTEM

Blast and Recovery Systems (BRS) are designed for use when open-air blasting is prohibited, when it is not possible or is impractical. These systems blast and recover spent abrasive, contaminants and dust at the same time. They can also be used to blast and then vacuum abrasive independently.



## Specifications

- ▶ 150 psi-rated, 0.3 cu. ft. pressure vessel with integral media screen
- ▶ Blast pressure regulator
- ▶ 75 cfm eductor (pneumatic vacuum pump) / Optional 100 cfm eductor available for increased suction
- ▶ Airwash reclaiming
- ▶ Secondary cyclonic dust separator
- ▶ Dust collector with polyester filter cartridge
- ▶ Differential pressure gauge on the dust collector to alert operator to clean filter
- ▶ Palm button air pulse for dust collector filter cleaning

## THE MINIBRS™ SYSTEM

The miniBRS™ system is a compact and easily maneuverable abrasive blaster that blasts and recovers spent abrasive, contaminants and dust in the same step, eliminating the need for containment. It can also blast or vacuum separately for increased versatility.

The new blast/vacuum head features a 40% larger blast pattern, an ultra-comfortable trigger-style deadman control that allows one-handed start/stop and the ability to blast high-temperature surfaces, using an optional adapter/brush.

Blast and recover at up to 200 feet away from the unit. It can operate on just a 185 cfm compressor.



## Features

- ▶ Quiet vacuum eductor
- ▶ New palm button actuated air pulse for quick and easy cleaning of dust collector filter cartridge
- ▶ New blast and vacuum head with 40% larger blast pattern (or greater with adapters/nozzles) significantly improves productivity
- ▶ New trigger-style deadman control makes operation even more comfortable and allows one-handed operation
- ▶ High-temperature blast head option allows for blasting of high temperature surfaces (up to 500 °F)



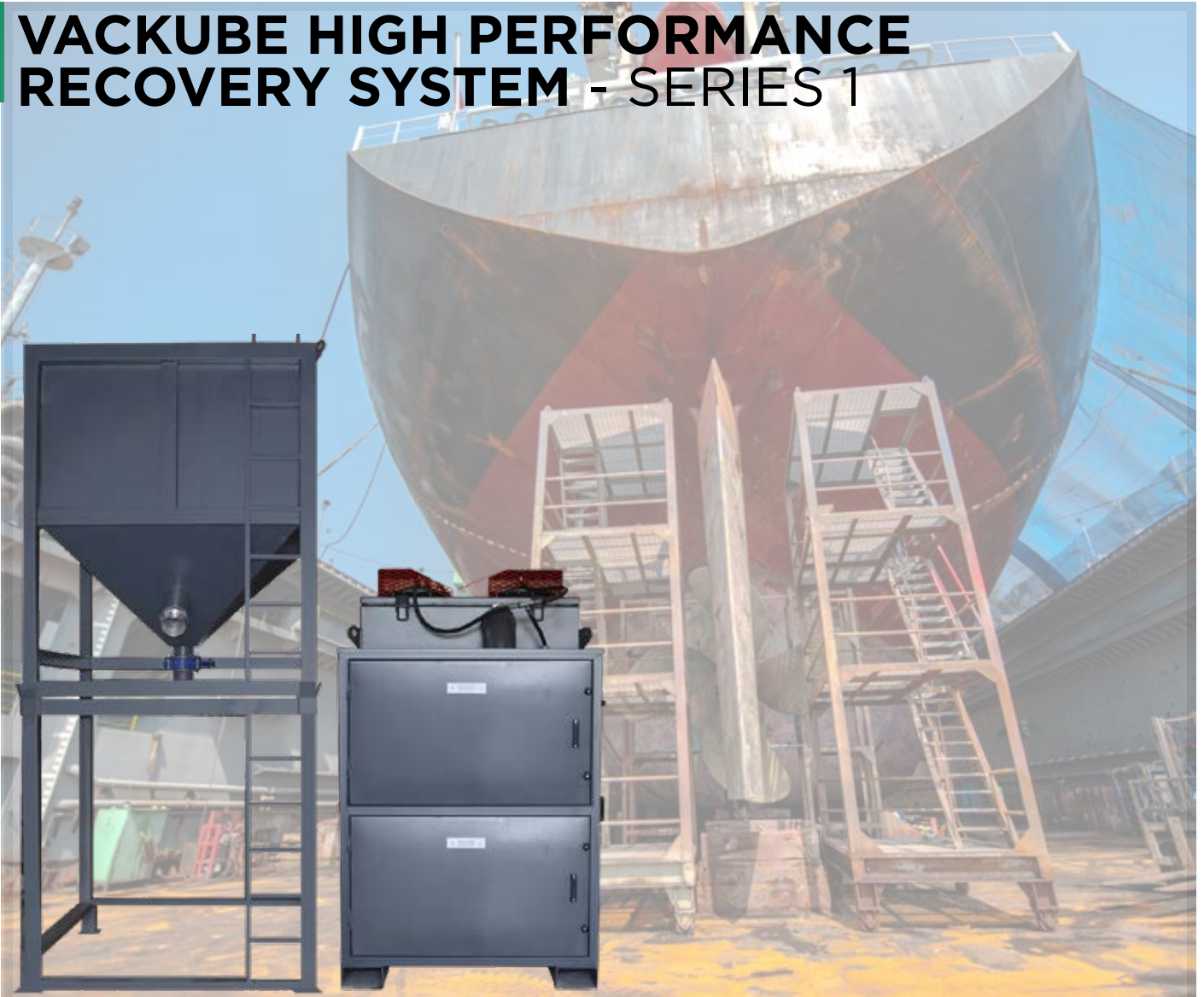
**1** Vacuum



**2** Blasting



# VACKUBE HIGH PERFORMANCE RECOVERY SYSTEM - SERIES 1



## Features

- Convenient design
- Efficient cold air outlet socket up to 55kw
- High protection cylindrical silo
- Fully insulated body
- Easy to clean exhaust
- Dust-free filter cleaning feature level sensor
- Modular exhaust system
- High pressure dust collector box
- 85dB operation sound in line with European

## General Components of the Machine

- ▶ Blower (Aerzen- Germany)
- ▶ Electric Motor (Omega le3-New Generation)
- ▶ Filters
- ▶ Electrical Control Panel (Schneider Ip55)
- ▶ Safety Valve pulleys
- ▶ Belts
- ▶ Self Cleaning Flaps
- ▶ 3-Way Valve
- ▶ Diaphragms
- ▶ Temperature Stop Sensor
- ▶ Pressure Gauges
- ▶ Vacuum Filter
- ▶ Dust Drain Cover and Gaskets



**1** Sandblasting rooms & halls



**2** Shipyards



**3** Building site



**4** Blasting applications before the painting



# AIRPREP DELIQUESCENT DESICCANT DRYER SYSTEMS

- CREATES SUPER DRY COOL AIR INTO YOUR BLASTING SYSTEM, INCREASING EFFICIENCY BY 15%+



Elevate your production blasting with the Schmidt® AirPrep Deliquescent Desiccant Air Dryer, an industry-standard moisture removal system that uses Deliquescent tablets to absorb moisture for cooler, drier blasting.

Experience enhanced efficiency, including 15% faster blasting, while saving on abrasive costs, all achieved through this rugged, skid-mounted system.

Tailored to your needs with a range of sizes based on your compressor's CFM, this galvanized desiccant tank ensures easy maintenance and longevity, promising optimal performance even in high humidity environments and temperature fluctuations.

## Key Features

Designed for maximum performance to handle high humidity environments or offer a higher level of moisture removal for critical applications. If your blast operation or jobsite is in a region that experiences wide differences in the daily high and low temperatures, an air dryer is a must to handle the moisture generated in these environments.

## Maximum Performance System

Less than 3 psi pressure loss at 40% over stated capacity. Schmidt® AirPrep™ Systems use an over-sized radiator for maximum flow and cooling.

## Rugged, Portable and Tough

Schmidt® AirPreps™ are skid mounted and have a heavy grating over the radiator to shield the unit from outside forces. They last forever.



# ENDURABLAST PH HIGH PERFORMANCE BLASTING



The EnduraBLAST High Performance PH Blasting System was born with optimum performance and longevity in mind. No matter the scale of your blasting project, we have multiple sizes available.

High Performance contractor style in sizes **25 ltr, 50 ltr, 100 ltr, 200 ltr.**

High Performance **BulkKUBE Mega** Blaster style in sizes **120 CU FT or 160 CU FT.**

The System is designed to help maximise the pressure at the blast nozzle so you truly achieve maximum efficiency from abrasive media consumption.

## The EnduraBLAST High Performance PH Blasting System has been proven to:

- ▶ Reduce carbon footprint
- ▶ Reduce compressor emissions
- ▶ Increase Safety
- ▶ Reduce noise emissions
- ▶ Reduce moisture
- ▶ Reduce clean-up and disposal
- ▶ Gain/Save 80+ blaster hours/annum
- ▶ 25%+ abrasive savings



## RENEWABLES



## OIL AND GAS



## PETROCHEMICAL AND POWER



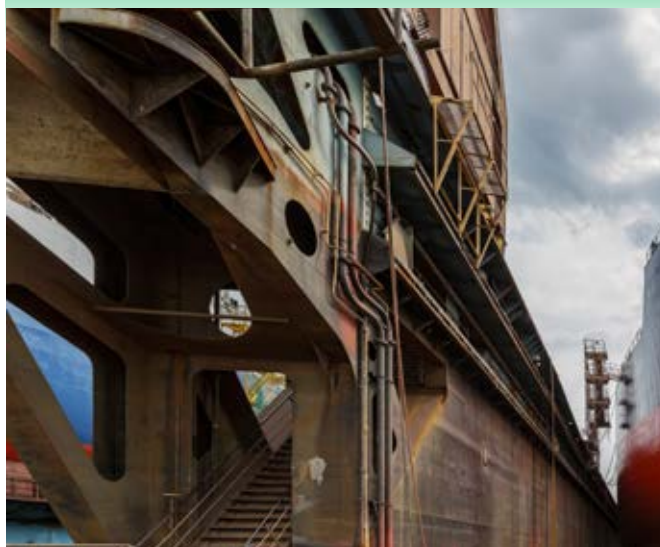
## ROAD AND RAIL



## MANUFACTURING



## MARINE





**Head Quarters - Aberdeen**

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