RS BLASTECH

SAFER, CLEANER, FASTER
BLASTING & COATING SOLUTIONS

TANKS



RENT THE EQUIPMENT
OWN THE SUCCESS

SHIPYARDS



vertidrive



- Does the Work of 5 manual blasters
- Up to 60m² 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 60m² p/h

Climate Resilliant
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





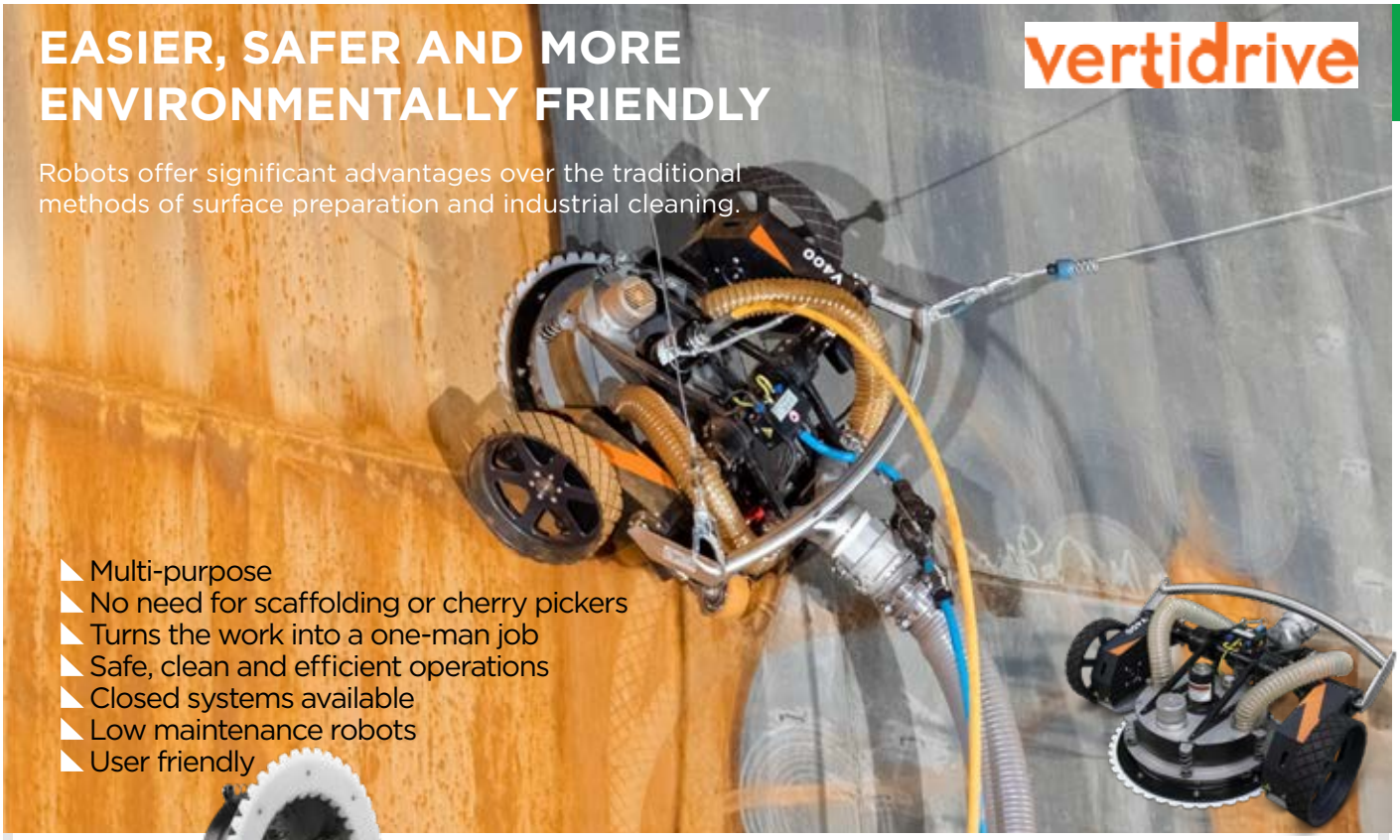




EASIER, SAFER AND MORE ENVIRONMENTALLY FRIENDLY

vertidrive

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 45m² p/h

Climate Resilliant
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 conteminants 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)











SAY GOODBYE TO DUST
& 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 0.5 litre per minute (vs 7.5 litre) during mist blasting.
- Easily switch between 4 applications: dry blast, mist blast, wash down, blow down.

SINGLE OUTLET 200L MISTBLASTER

- 200 litre capacity for up to 90 minutes blasting time between refills
- 4-in-1 MISTBLAST system
  - Dry Blast
  - Blow Down
  - Mist Blast
  - Wash Down



MISTBLASTER SELECTION GUIDE

MistBlaster Technology has been configured into a family of products - built with your needs in mind. Depending on your project, RS Blastech 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	200 Litre	200 Litre	4530 Litre
Water Tank	N/A	190 Litre	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	0-7.5 lpm	0-7.5 lpm	0-7.5 lpm
Dimensions	106cm x 122cm x 147cm	182cm x 120cm x 152cm	277cm x 251cm x 318cm
Weight - Dry	340 kg	930 kg	2495 kg



MEGAMIST BLASTER™

4-OUTLET 2530L MEGA MISTBLASTER™

Mist Blasting for up to 4 Operators or VertiDrive Robot

- 2,530 litre 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 200L 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 200 litre Single Outlet Blast Pot
  - Deliquescent Air Dryer 400 cfm
  - Breathing Air System *(including Radex Breathing Air Filter and GX4 Carbon Monoxide Alarm)*



MEGA BLASTER™

4-OUTLET 2530L MEGA MEGABLASTER™

Mega blaster/bulk blaster can be completely refilled in under **30 min** and has sufficient capacity to blast with **four sandblast operators** the whole day Bulk abrasive blasting pots are ideally suited to large abrasive blasting and coating projects.

- Bulk Blast Pot capacity 2530 litres / 4500 liters
- Garnet abrasive capacity – 10.8 tonne
- Ultimate Bulk Mega blast machine for large onsite blasting contractors
- Comes with 4 Thompson Valve metering valves
- State, Skid mounted or trailer mount option



BLAST & RECOVERY SYSTEM - DUSTLESS BLASTING

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.



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.

Specifications

- 150 psi-rated, 8.5 litre pressure vessel with integral media screen
- Blast pressure regulator
- 75 cfm eductor (pneumatic vacuum pump) / Optional 100 cfm eductor available for increased suction
- Airwash reclaimer
- Secondary cyclonic dust separator





Flat Brush



Inside Corner Brush Assembly



Outside Corner Brush Assembly



THE BRS™ SYSTEM

The unit that started it all. The standard for blast and recovery systems in the industry.

Specifications

- Maximum working pressure: 150 psig at 250°F
- Minimum metal temperature: -20°F at 150 psig
- Blast hose size: Up to 1 1/2”

Features

- Blast where open-air blasting is prohibited, or is not possible or practical
- Portable or skid-mounted 75, 100 and 200 litre models
- Pneumatic or optional electric remote controls
- Blast pressure regulator with bypass piping allows blasting at lower pressures

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 UK and European regulations

General Components of the Machine

- German Made Aerzen Blower
- 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









AIRPREP DELIQUESCENT DESICCANT DRYER SYSTEMS

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



Elevate your production blasting with the 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.

AirPrep™ Systems use an over-sized radiator for maximum flow and cooling.

Rugged, Portable and Tough

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 **Mega Blaster** style in sizes **3400 ltr or 4,530 ltr.**

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







WORLDS QUIETEST & HIGHEST PRODUCTIVE BLAST NOZZLES



UP TO **75%**
NOISE REDUCTION

UP TO **45%**
LESS OPERATOR FATIGUE

UP TO **4X**
LONGER BLAST LIFE
Than Tungsten Carbide nozzles

4 COMMON SCENARIOS FOR REQUIRING NOISE REDUCTION

- Need to blast late at night or early in the morning.
- Need to comply with workplace noise regulations.
- Other trades working nearby.
- Operating close to houses.



SnakeBite Flex Blast Nozzle

- All the power, half the size.
- Up to 16dBA noise reduction
- Up to 45% less fatigue compared to standard blast nozzles



SnakeBite Strike #10 Silenced Blast Nozzle

- Highest productivity hand held blast nozzle available
- Over double the productivity of a #8 high performance blast nozzle with less operator fatigue



SnakeBite XQ Blast Nozzle

- The SnakeBite XQ improves operator safety and delivers the following benefits:
- Up to 16dBA noise reduction
- Up to 45% less fatigue compared to standard blast nozzles

BLASTING INNOVATIONS

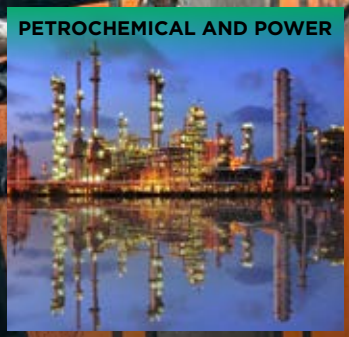
Good equipment is the foundation of smart and profitable working.

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.

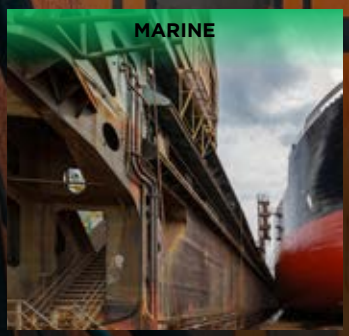












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