

Product Bulletin

For Blasting and Painting Specialists



The new VertaBlast™ water cleaning and blasting Robot.

Save time and money on hull work with HP and UHP units.

Need to clean large, vertical steel surface areas quickly and cost-effectively?

Blastmaster has the perfect answer – **the amazing new VertaBlast™ robot.**

Versatile, lightweight, independently controlled and operated with a magnetic drive assembly that sticks to any steel surface, the VertaBlast™ robot cleans and blasts like nothing else.

Available in a range of High Pressure and Ultra High Pressure water-powered units from 2,900 to 36,000 psi, the VertaBlast™ robot strips off anything from marine fouling to heavy paint removal.

No cranes, no cherry pickers, no scaffolds – just set it up and watch it go!



Continued on the next page →

The VertaBlast™ making light work of this vertical blasting job.

New VertaBlast™ robot leaves the old ways behind.

Cleaning and blasting with the new VertaBlast™ robot is so much faster and efficient than the old ways that are just costing you time and money.

The VertaBlast™ robot can be operated by a remote control with just one person – and that means improved operator safety, comfort and higher productivity.

It's boom-operated for accurate, consistent results and cleans or blasts in any direction, including around curves and right up to edges.

Water-powered, rotating nozzles deliver top results every time with dust-free operation, plus lower cleanup and waste disposal costs.

Find out more about the new VertaBlast™ robot!

**Call Blastmaster for more details –
1800 882 229.**



High efficiency machine, totally controlled by one person on the ground.

BLAST-ONE QUALITY HIGH PRESSURE AIRLESS SPRAY HOSES

Massive savings on Airless Spray Hoses!

- Swivel nut female connectors for easy fit-up – connector locks up rigid when tightened
- BlueMan™ – nylon braid hose
- UltraSpray™ – steel braid hose
- UltraFlow™ – large bore steel braid hose.



	Part Number	Product	Pressure (psi)	SPECIAL PRICE
1/4"	SP H0633 50	BlueMan™ 1/4" Airless Hose – 15.2m	3300	\$82
	SP H0668 50	GoldFlex™ 1/4" Airless Hose – 15m	6800	\$169
	SP H0677 50	UltraSpray™ 1/4" Airless Hose – 15m	7700	\$185
3/8"	SP H1033 50	BlueMan™ 3/8" Airless Hose – 15.2m	3300	\$215
	SP H1045 50	UltraSpray™ 3/8" Airless Hose – 15m	4500	\$163
	SP H1065 50	Ultra II™ 3/8" Airless Hose – 15m	6500	\$149

**We have great prices on Airless Whip Hoses too!
Offer for August 2012 only.**

Not valid with any other offer or discounts. All prices exclude GST and freight charges.

Blast for 14 days without painting – with *no* flash rusting!

Lower the air moisture fast with a Dehumidifier from Blastmaster's hire range today.

Bad weather and high moisture content in the air can bring your painting and surface preparation jobs to a quick and expensive halt.

Every day lost due to bad weather costs you time and money – but it doesn't have to be that way if you've got a Blastmaster Dehumidifier on site.

A Dehumidifier from Blastmaster lets you get on with the job whatever the weather, because it reduces the water content properly by replacing moist air with new dry air.

Heating moist air alone doesn't reduce air humidity, it just makes it warmer and the problem gets worse!

That's why you need a proper Dehumidifier from Blastmaster – one that does the job and lets you create your own ideal painting and blasting conditions.



Ignore the weather – get on with the job with a Dehumidifier.

Choose from our extensive hire range today.

There are two main types of Dehumidifier systems to choose from: Desiccant or Refrigeration.

1. Standard Desiccant

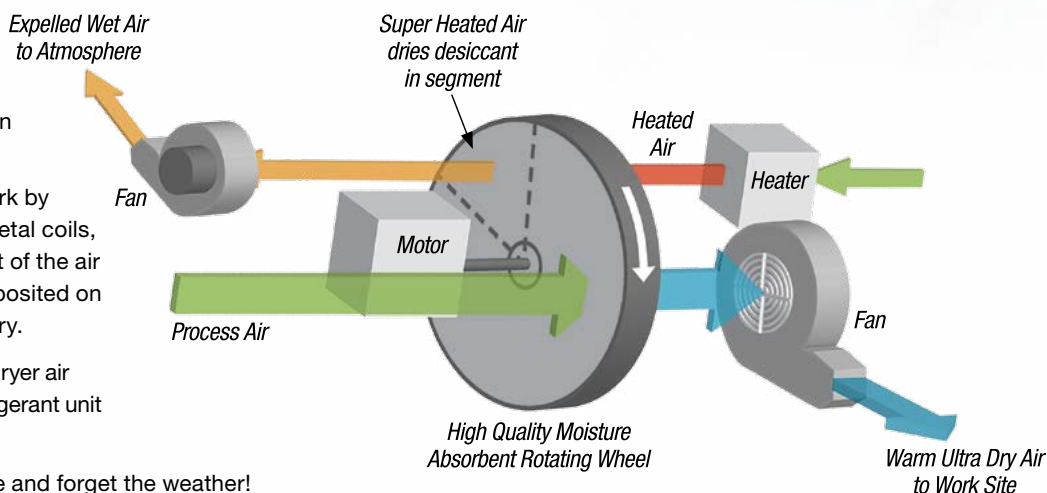
Dehumidifiers work by passing moist air over desiccants like silica gel, which traps the air moisture and is then re-heated for further use.

2. Refrigerant Dehumidifiers work by passing moist air over chilled metal coils, like a refrigerator. The dew point of the air drops and water moisture is deposited on the metal coils, leaving the air dry.

Both types of dehumidifier deliver dryer air with a lower dew point, but the refrigerant unit air is colder.

Plan your next job with confidence and forget the weather!

Call Blastmaster for more details – 1800 882 229.



Simplified diagram – Desiccant Dehumidifier operating principle.

Reduce abrasive consumption, increase blasting speed and lower costs with GMA Garnet from Blastmaster.

You can use inferior quality abrasives that are cheap, but are expensive to use!

GMA Garnet is more effective simply because it uses its durability to enable more blasting work to be done in quicker time!

Unlike the first generation alluvial Garnet grains available from overseas, GMA garnet consists of grains that have been through more time with extreme natural elements.

The end result of this longer 'wearing down' process is a uniquely tough and durable grain – only the strongest grains have survived.



Magnified GMA Garnet gemstone grains



You can have low dust blasting

Most of the dust from abrasive blasting is caused by the abrasive impacting onto the substrate at a very high speed and breaking up into smithereens.

GMA Garnet from Blastmaster consists of gemstone grains that have been weathered by thousands of years of erosion from the mother-rock, down rivers, creeks and streams – then 'sandblasted' by high winds and blown up into dunes. These surviving grains are the toughest and the most durable.

This is why GMA Garnet from Blastmaster produces less dust and can be recycled much more than other abrasives imported from overseas. Most of the overseas garnet has not been 'conditioned' fully and still has a soft outer shell which can cause dust.

You can see much better, work cleaner and it won't offend your neighbours!



Conventional abrasives can create excess dust!

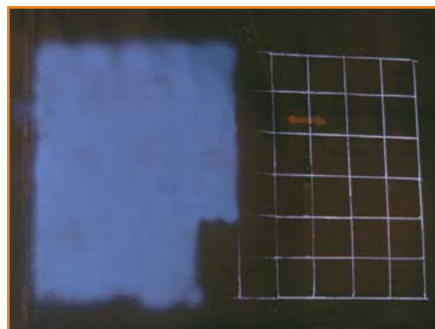


Blasting with GMA Garnet is much more neighbourly.

Performance is everything!

Each gemstone grain of high density GMA Garnet blasted out of a nozzle carries a lot of energy.

Thousands of grains bombard the surface making the blasting job go faster. This means you can work the nozzle faster and finish the job sooner! GMA Speed Blast for example, is a unique size blend which is ideal for removing rust and stubborn coatings from substrates. It also cleans the surface by cleaning out the micropores on the substrate surface.



15 minutes blasting with a conventional abrasive: 28ft² blasted – 130kg used.



15 minutes blasting with GMA Garnet: 60ft² blasted – 75kg used. Amazing!

How can you use less abrasive and achieve better results?

The precise amount of abrasive that is required can be regulated with an appropriate metering valve. Using a Blastmaster Micro Valve or Thompson Valve, you can control your consumption of abrasive. Low consumption saves you money on abrasive costs, clean-up costs and disposal costs.



Garnet purity or cleanliness

GMA Garnet is washed in spring water to remove any impurities that would naturally be found during the mining process. Some Garnet from overseas companies are not washed and consignments contain silt, clay and other impurities. These impurities can cause coating failures.

New strict regulations on Silica content come into force soon – does your abrasive meet the new requirements? GMA Garnet quality certification sheets can be provided and are available on request.

Check your abrasive for chlorides before blasting

Coating failures are often caused by chloride ions (salt) being embedded on a surface by a contaminated abrasive. This is definitely not the time to add salt to the freshly blasted surface – rust is sure to follow!

There is an Abrasive Chloride Test Kit available from Blastmaster. You can apply this test in the field in minutes and it saves you sending samples to a laboratory and waiting days or weeks for results which is a costly procedure.



GMA Australian Garnet is processed under strict quality controlled conditions resulting in one of the lowest chloride levels of any abrasive.

Call Blastmaster for a **FREE SAMPLE ABRASIVE TEST KIT** and fact sheet with all the simple steps on how to test for chlorides – 1800 882 229.

Do your own 'shake test'

Using an equal amount of imported Garnet and GMA Garnet, place each small sample in same sized vials with an equal amount of clean water. Shake each sample vigorously to unsettle any impurities. Leave both vials to settle – this could take sometime with the imported sample!

Low Grade Garnet



Note that the **Low Grade Garnet** (above) contained a fair amount of contaminants that consisted of:

- (1) Fine dust,
- (2) Free silica (hazardous) and
- (3) Bacteria.

Remember, these contaminants make up a percentage of the weight of the Garnet you pay for! The imported Garnet doesn't look like a bargain anymore.

Quality Grade Garnet



The **Quality Garnet** (above) has little noticeable residue present. This means much less dust and a cleaner job.

Call Blastmaster for a set of **FREE TESTING VIALS!**

For a dust free blasting operation, use a Blast Recovery System.

Using a Blast 'N' Vac workhead, there's no dust and no mess to clean up!

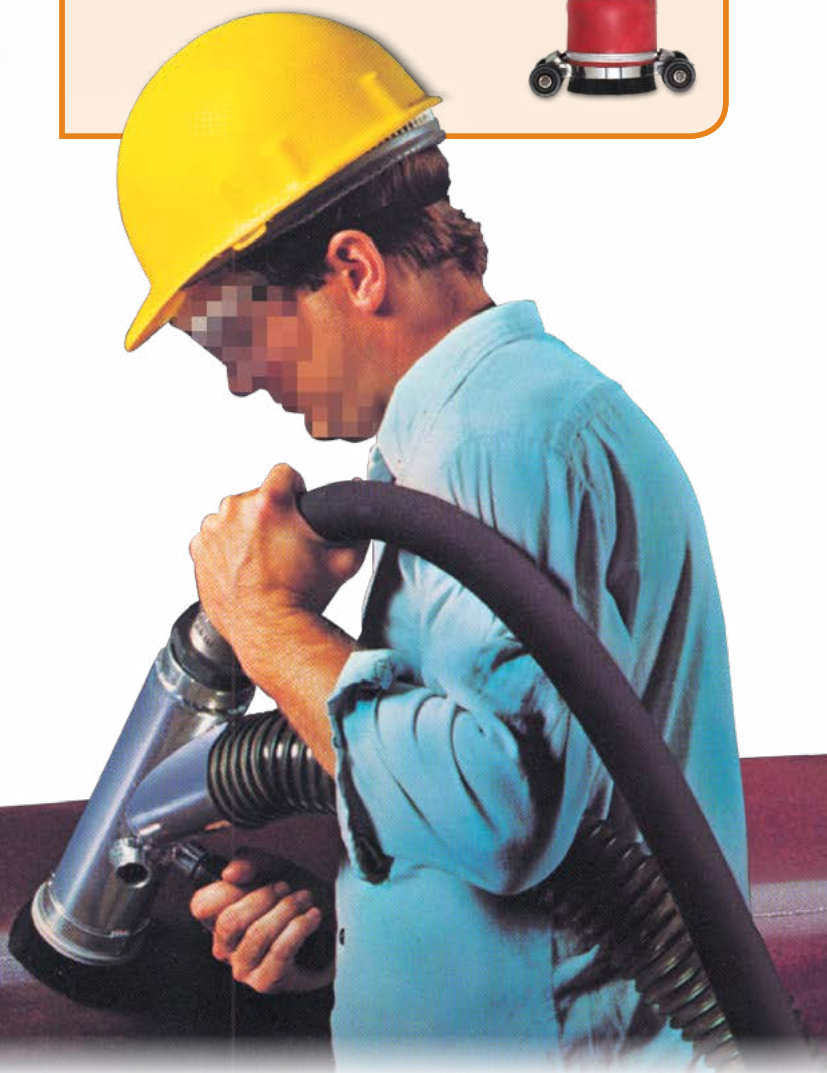
Sometimes called 'Vacuum Blasting', this process is primarily used in areas where no dust or mess can be tolerated. For instance, lead based paints and other toxic coatings can be removed with the comfort of knowing that almost no residue will remain after using this method.

The Blast 'N' Vac workhead is the key to the success of this operation and these workheads are available in a range of different sizes. Crash repair jobs, pipe joints, large floors and walls are just some of the applications that can be blasted using this valuable tool. A unique bristle brush and vacuum shroud around the blast nozzle enables all the spent abrasive and dust to be captured so the work area is kept dust free and clean. The integrity of the unit's operation relies on the operator maintaining contact with the work surface with the nylon brush seals.

Blasting to white metal is quite achievable, even near sensitive areas and machinery without the use of secondary containment – this saves time and saves money too! Ideal for use inside operational factories, refineries etc and can be confidently used in the vicinity of other trades. Heavy duty anti-wear liners in the workhead offer long life and durability which means extended life can be realised.



Removing hazardous paint off brickwork is made easy with the Blast 'N' Vac.



Introducing the Mini BRS from Blast-One!

The all-in-one unit that offers versatility and convenience

The Blast-One **Mini Blast Recovery System** is the perfect alternative to using large blast and recovery systems when your project space is limited or you prefer a portable unit that is truly mobile.

This 0.3 cu ft unit operates with a 185 cfm compressor and because of its reduced size, it is so easy to manoeuvre and operate.

Quick Set-up

One of the main advantages with the Mini BRS is the quick set-up feature. Easily wheeled from job to job, the unit is at the ready, just add the required abrasive and connect the compressed air. Unlike the old methods using hand tools, the Mini BRS doesn't leave uneven scratched surfaces, it produces a more consistent finish ready for coating.

One operator says *"I can blast with this system for much longer and more comfortably with less fatigue than when using a larger workhead"*.

Innovative Design

The cyclonic design allows for extended dust collector life and the integral media regulator and screen enables dust removal and cleaning to be quick and simple. A versatile unit which can use a wide range of abrasives including Steel Grit creates a 22mm blast pattern using a No 3 blast nozzle.

Standard Features

- Blast Pressure Regulator
- 75cfm Eductor (Pneumatic Vacuum Pump)
- Secondary cyclonic dust separator
- 8 metre x 12mm Blast Hose assembly
- 8 metre x 50mm Vacuum Hose
- Dust Collector with polyester filter cartridge
- Differential gauge on Dust Collector
- Blast and Recover Head assembly
- Thompson Valve with slotted sleeve
- No 3 Blast Nozzle.



*Mini BRS
Workhead
Brush*



*The Mini BRS – compact and easy to move
(shown with optional airwash reclaimer).*



Dust free – work with other trades nearby.

Many Applications

A Mini BRS uses recyclable abrasives to remove coatings and corrosion when cleaning steel or concrete surfaces. Applications include indoor blasting, bridge and road maintenance, building restoration work and more! The ideal alternative to larger blast and recovery units when project space or access is limited.

The Mini BRS will keep you satisfied and the EPA happy!

Call Blastmaster for a FREE VIDEO LINK on the Mini BRS – 1800 882 229.

Here it is! The Quadro 599 TST High Pressure Cleaner.

The most powerful 240V single phase water cleaner on the market today!

Ideal for heavy duty cleaning applications – truck and tractor cleaning, farm sanitising usage, cleaning in wineries etc.

With a pressure of 2175psi and a flow rate of 10 Litres per minute, this is a powerful unit! It has a cold forged brass pump (non-corrosive) and doesn't overheat or crack.

A **2 year warranty** is given with this reliable quality pump – 10 year warranty on the Brass Pump Head.

Phone Blastmaster today to take full advantage of this excellent offer – 1800 882 229.

**GERMAN
QUALITY**



Mega Flow Bull Hose

What size air hose have you got feeding air into your Blasting System? Don't choke your capacity. Improve your efficiency immediately with a large bore Bull Hose. Feel the Difference.

See Blastmaster Catalogue p87 for more information.



Blast Hose Safety Cable

The WhipCheck is a very important addition to all hose connections. Safety whip restraint in case of accidental disconnection.

See Blastmaster Catalogue p81 for more information.

Can we help you?

Need parts fast? Help to understand Industry Regulations? Can't find the correct spare parts?

Call the Blastmaster Customer Service Team! This team of Sales Engineers have been extensively trained to help you and are waiting for your call.

They will go **out of their way** to help you solve your problems fast!

When you purchase from Blastmaster – good service is always included in the deal.

Blastmaster Customer Service.

Phone 1800 882 229.

SALES SERVICE RENTAL



Leather Fronted Blasting Suit

Here's a pair of overalls made specially for blasters! Heavy duty leather at the front to withstand abrasive rebound with comfortable breathable cotton at the back. Available in a range of sizes.

See Blastmaster Catalogue p155 for more information.



NEW WaterJet Solutions Booklet

Blastmaster WaterJet Solutions Booklet

An overview of Water-Jetting equipment and parts.

Call Blastmaster on 1800 882 229 for your **FREE** copy.

**30 DAY MONEY BACK GUARANTEE
ON ALL PRODUCTS!**

***All prices exclude GST and freight charges.**

Offers available until 31st August 2012 or while stocks last.
Not to be used with any other offers or discounts.



BLASTMASTER®

1-12 Bruce Avenue
PO Box 1144
Marleston,
South Australia 5033



Telephone **08 8292 2000** Fax **08 8292 2001**
Toll Free **1800 882 229** **1800 BLAST-IT**
Email **sales@blastmaster.com.au**
Website **www.blastmaster.com.au**