

Product Bulletin

For Blasting and Painting Specialists



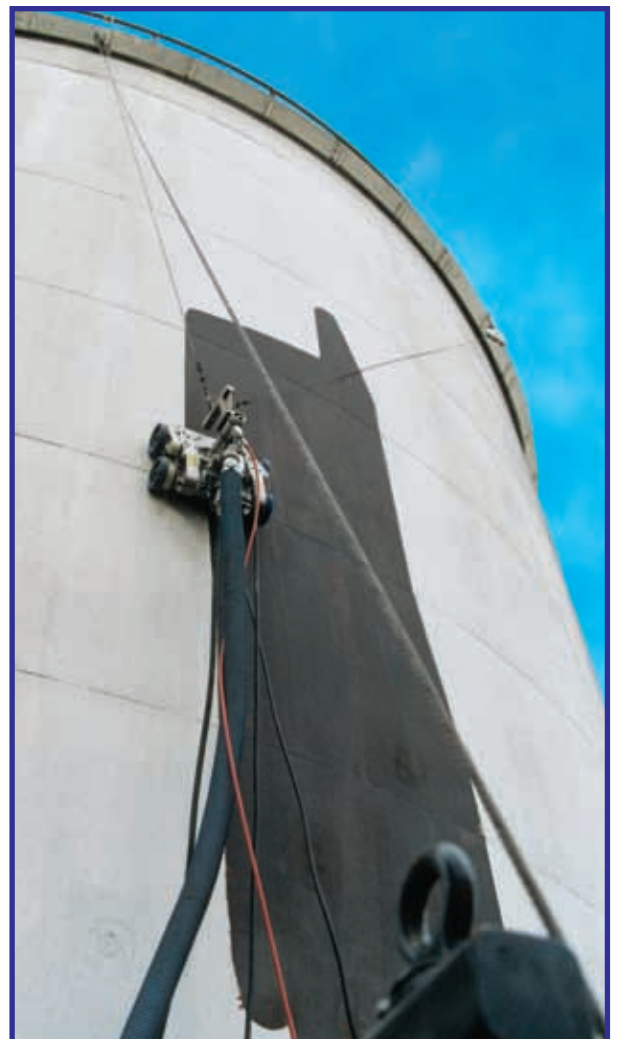
Coatings blasted off and sucked up by NEW UHP Water Crawler

Introducing the vacuum Crawler that will quickly strip coatings while you stand back and watch!
No mess or dust!

Using an Ultra High Pressure water and vacuum system, the **SRT-10 Crawler** efficiently cleans flat surfaces with vigour! Operated from a remote operator console, it can move up, down and sideways while the patented SPIN JET® nozzles strip away epoxies and other coatings with ease.

The **SRT-10 Crawler's** manoeuvrability is provided by its unique pivoting design which allows the drive to rotate around the SPIN JET® seal without snarling the hoses. A vacuum system allows the **SRT-10 Crawler** to grip the surface (even over welds) as well as recover debris and waste water. A winch skid assembly and locking pulleys act as a fall arrest system and allows the operator to quickly position the **SRT-10 Crawler** on steep vertical surfaces. The system is driven and steered by pneumatically powered wheels, not the cable arrangement.

The entire system is operated from a control console, allowing the operator the best location to view the work area and evaluate the ongoing progress.



Using a 40,000 psi Water and Vacuum Crawler to remove coatings very quickly on a storage tank. No mess - no dust!

Main features and benefits of the SRT-10 Crawler:

- Vacuum recovery of water and debris
- Remotely operated
- Horizontal and vertical movement
- Fall arrest system
- Removes epoxies, paints and other stubborn coatings
- Cleans over welds/plates up to 13mm surface deviation
- Environmentally friendly - virtually dust free and reduced airborne pollutants
- Safer because of remote operation
- Much less costly disposal costs compared with other methods
- Low maintenance costs
- Operates at lower sound levels than alternate methods
- Uses small amount of water if recycled
- Requires minimal training
- Little (if any) containment required

When absolutely no mess or dust is allowed, try water blast and vacuum by remote control

Using 40,000 psi Ultra High Pressure and 38 litres of water per minute, the SRT-10 Crawler has the grunt to make it the most productive choice for the larger vertical projects.

Control is accomplished through an omnidirectional full function remote control system. The **SRT-10 Crawler** utilises a unique design that allows the SPIN JET® seal and vacuum recovery mechanism to rotate inside the Crawler body, allowing for unprecedented mobility and an extremely reliable vacuum seal.

The included winch system not only acts as a safety brake, but also allows the operator to quickly position the tool. A safety brake provides fail-safe stopping power if the crawler was to become dislodged from the surface.

Obviously the power behind the whole system stems from the UHP pump - with a broad range of high quality, high powered pumps, Blastmaster can facilitate all your needs in this area with confidence!



The SRT-10 Crawler maintains a tight seal against the ship's hull by high vacuum.

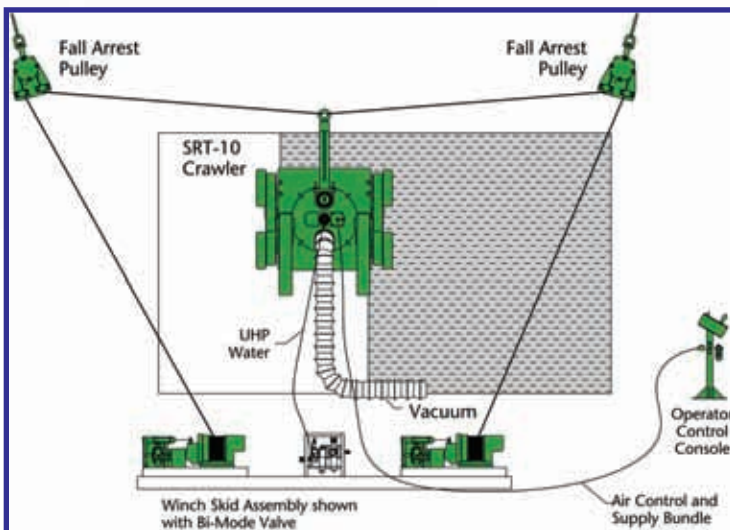
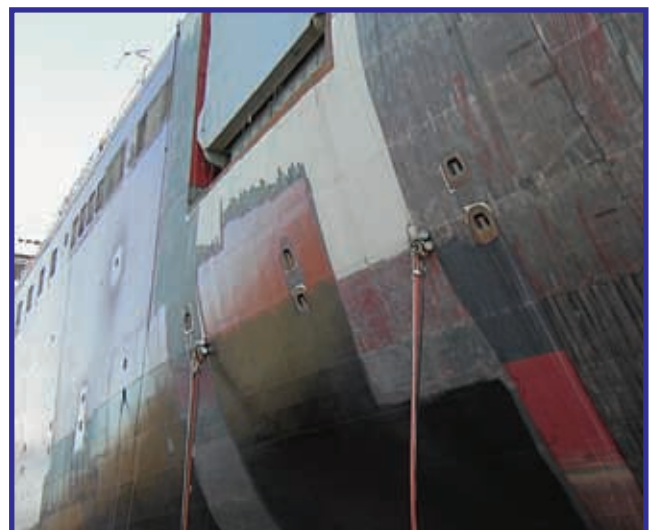


Diagram showing system layout using the SRT-10 Crawler.



Coating removal without dust or mess - all water and debris is captured by vacuum. Coating removal speeds are often much faster than dry blasting!

Enquire at Blastmaster for further information on the SRT-10 Crawler - 1800 882 229

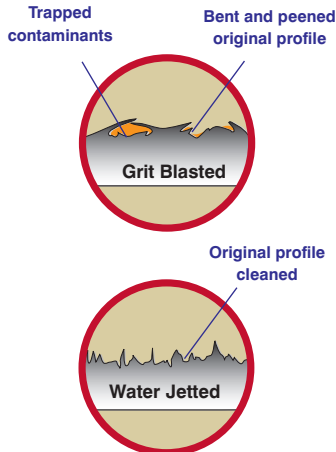
Fast Surface Preparation achieved using Ultra High Pressure (UHP) water jetting

Why use UHP for surface preparation?

Ultra High Pressure water jetting is now being used more and more for surface preparation in many applications. UHP water jetting is dustless, minimises waste by not using any abrasive and allows other activities to continue nearby while coating removal is in progress.

Instead of trapping contaminants in the surface profile, UHP water jetting actually removes soluble salts and contaminants from the bottom of the valleys.

Surfaces prepared with UHP exhibit less folding and flattening, and feature a texture of sharp peaks generated by previous abrasive blasting which is conducive to bonding.



Different Visual Surface Standards

A UHP water jetting surface doesn't look like a normal abrasive blasted surface. UHP does not remove metal or 'shine' the surface and will not produce a surface profile – but rather clean out the existing profile. Special visual standards have been prepared to demonstrate acceptable levels of cleanliness.

Water used at great pressures can clean surfaces with little effort!

Blastmaster can assist you with NLB water jet equipment which is available in a wide range of pressures to suit your application. For each task the appropriate pressure should be matched using the general guidelines below:

- To remove loose, flaking paint or build-ups of grease or oil – **5,000 to 10,000 psi**
- To remove rust blisters and flaking paint without disturbing tightly bonded paint – **10,000 to 20,000 psi**
- For complete removal, down to bare metal, ultra high pressure (UHP) – **20,000 to 40,000 psi**.



Weld inspection can be safely done with UHP water.

Make the water work for you!

For the toughest industrial and commercial cleaning problem, a high pressure water jetting system from Blastmaster is the answer. You can harness the power of the water to provide an efficient and cost effective cleaning tool.

Whatever the build-up....rust, scale, resins, chemical residues, paint epoxies - a Blastmaster Water Blaster System cuts right through it, spray rinses it away and leaves a clean smooth surface. It's faster than normal cleaning. No chemicals, solvents, caustics or abrasives are required, nor the expensive safety and disposal procedures that go with them.



This NLB skid mounted UHP pump can produce a staggering 40,000 psi pressure!

Heavy Duty Pumps deliver up to 40,000 psi

The heart of any waterblast system is the high pressure pump. With a range of models to choose from, both triplex and quintriplex designs, Blastmaster can deliver pressures from 2,000 to 40,000 psi. Choose from electrically or diesel powered units and order mounted on skids or on trailers to go anywhere you need them.

Top Quality Accessories such as lances with Spinjet nozzles, high pressure hoses and system valves are available for virtually any application. All accessories are built to demanding specifications and are vigorously tested before being released to the customer.

So it's easy to see why so many surface preparation contractors are switching to NLB water jetting these days! Whether it is a smaller water pressure of 2,000 psi or the top Ultra High Pressure of 40,000 psi, it's simply the most productive, economical way to achieve the surface you need for good coating adhesion, while fully respecting the environment.



Blastmaster can supply all your water jetting safety gear and accessories (note the use of special TURTLESKIN® Water Armor protective wear).

Call Blastmaster's sales team to get further information on water jetting - 1800 882 229

Respirators - filtering the air we breathe in the workplace

It is common sense to use the appropriate breathing protection while working in a contaminated air environment.

Keeping our respirators in a safe, clean and working condition is also important to maintain a high safety standard.

Factors to consider when using breathing protection in the work place are...

- Perfect Fit
- Good Habits - includes ensuring you are clean shaven, checking headbands regularly, cleaning your mask regularly and not sharing your mask with others
- Proper Maintenance
- Ensuring Filters are replaced regularly

Perfect Fit - means greater protection

1 Mask



Check the mask. Sling the neck strap over your head before fitting the mask to your face.

2 Chin-up



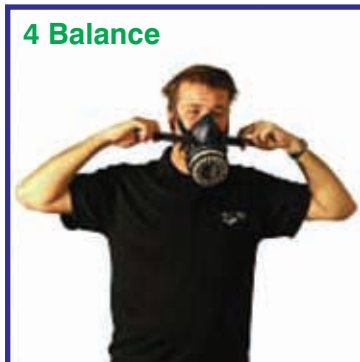
Start with the chin. Then cup the mask over your mouth and nose.

3 Head



Pull the head strap over your head and position it on the crest of your head. NEVER fit the harness over a cap or a hard hat. Tighten the head harness at the buckle until the mask is tight but comfortable against your face.

4 Balance



Pull the bottom straps outwards a few times to even out the tension and to make sure the top head strap is tight and secure.

Proper Maintenance - means performance



Mask

Clean the mask inside and out with soap and warm water. Pay special attention to the rim of the mask.



Inhalation Membrane

Remove the membrane carefully. Check for any damage and clean. Wipe the valve seat. Replace the membrane.



Exhalation Membranes

Remove the membranes carefully. Check and clean. Wipe the valve seats and replace the membranes. Snap on the valve caps. Perform a leakage test.



Harness

Clean the head harness with a dry brush. Remove it from the respirator if required. Make sure that the parts of the band that touch your skin are clean. If the harness has lost its elasticity, replace.



Ensure Filters are replaced regularly - means safer breathing

ALWAYS use prefilter, and replace it DAILY!

Replace your particle filter when you notice that the filter becomes hard to breathe through, or after six weeks' use. If you notice any damage to the filter, replace immediately.



To perform a leakage test, use the test disc instead of a prefilter. Fit the mask. Breathe in and hold your breath. The Mask pulls tight against your face. If the mask returns quickly to normal, you have a leakage problem.

Replace your gas filter according to the replacement schedule given to you by your supervisor. **Remember:** you may not be able to tell by smell when a gas filter needs replacement.

Speak Up - make your voice heard!



To minimise feedback, wear the speaker unit and microphone on OPPOSITE sides of your body.



Microphone

Speaker unit

Use a standard 9V battery. Make sure the polarity matches the +/- marks inside the compartment.



Loud and clear

The Breathe-safe™ SR200 full face respirator from Blastmaster lets you see clearer and speak louder than any other mask available. Plus of course, you get Blastmaster's exceptional protection factor.



Loud –

because the optional SmallTalk pocket amplifier lets you make your voice heard. Now you're talking! The international microphone can be attached and disconnected from the SR200 mask **without any intrusive modification**. Also fits the Breathe-safe™ SR100 half face respirator.

Clear –

because the new curved visor minimises glare and brings your face to the front of the mask, giving you a much greater field of vision. Moulded in a single piece for easy cleaning. Other features include a mist-free visor, twin exhalation valves, and a pull-on head hardness.



Remove the valve cap from one of the exhalation valves



Snap on the microphone cap just like a valve cap.



Fasten the cable to the cable clip with only a small amount of slack.

For all your Breathing Protection equipment and advice - call Blastmaster on 1800 882 229

1800 882 229 Phone today for friendly customer service

20% off Airless Hoses in August/September!

High Pressure Airless Spray Hose

- Swivel nut female connectors for easy fitup - connector locks up rigid when tightened
- BlueMax - nylon braid hose
- UltraSpray - steel braid hose
- UltraFlow - large bore steel braid hose

Code	Product	Colour
SP H0633 25	BlueMax 1/4" Airless Hose 3300 psi 7.6m	blue
SP H0633 50	BlueMax 1/4" Airless Hose 3300 psi 15.2m	blue
SP H0668 50	GoldFlex 1/4" Airless Hose 6800 psi 15m	gold
SP H0660 25	UltraSpray 1/4" Airless Hose 6000 psi 7.5m	green
SP H0660 50	UltraSpray 1/4" Airless Hose 6000 psi 15m	green
SP H1033 50	BlueMax 3/8" Airless Hose 3300 psi 15.2m	blue
SP H1045 50	UltraSpray 3/8" Airless Hose 4500 psi 15m	green
SP H1080 50	UltraSpray 3/8" Airless Hose 8000 psi 15m	red
SP H1381 25	UltraFlow 1/2" Airless Hose 8100 psi 7.5m	orange
SP H1381 50	UltraFlow 1/2" Airless Hose 8100 psi 15m	orange
SP H2064 25	UltraFlow 3/4" Airless Hose 8000 psi 7.5m	orange
SP H2064 50	UltraFlow 3/4" Airless Hose 8000 psi 15m	orange

Hoses are available in other types, sizes, lengths including special Teflon core liner hose - please contact Blastmaster for details.



Mobile Dust Collectors for Rental

Why Use Mobile Dust Collectors?

There is growing Environmental concern with the dust generated by abrasive blasting. Many old coatings contain a high percentage of lead which when pulverised into powder by abrasive blasting can form a hazardous and toxic dust.

Some projects are now requiring that a full dust-tight containment structure encapsulates all blasting operations to minimize danger to personnel and the environment.

A Mobile Dust Collector is used to give ventilation inside containment structures in order to maintain operator visibility and

maintain the encapsulated area under a negative pressure.

It is also important to dilute the levels of hazardous substances in the air within the contained area to levels below the assigned protection factor of operator respirators.

Blastmaster® Mobile Dust Collectors incorporate a large fan to draw substantial volumes of air through the containment, and remove all dusts by Ultra™ Filtration.



Mobile Dust Collectors installed on the Sydney Harbour Bridge to ventilate a large containment platform during Maintenance Blasting operations.

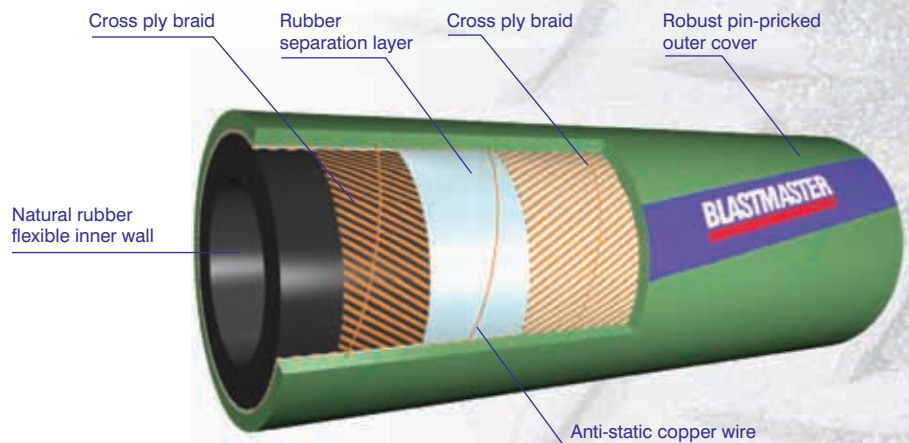
The Blast Hose is an integral part of any abrasive blasting system

That is why good quality Blast Hoses should be chosen over poorly designed ones constructed with poor quality materials.

Yes, you can buy cheap Blast Hoses which seem a good bargain at the time, but when the true 'quality' begins to show, the reality is you have paid too much for an inferior product! If cheaper blast hose has been made from recycled rubber, the probable life of the hose could be as meagre as 150-200 hours. With a high quality blast hose, the expectant life is 400-500 hours. You would be better off paying for a good quality, well constructed blast hose.

It's not only the quality, cost and how long it lasts - will it protect you adequately from electric shock? The safety factor should come into the equation when making this important purchase. Blastmaster provides good quality, cost effective and safe Blast Hose which consequently proves to be of excellent value.

The Blastmaster Blast Hose is manufactured with embedded anti-static wire to protect you from electric shock. Also the inner hose



component is made from high percentage natural rubber with carbon black graphite which has anti-static qualities to eliminate the problem by dissipating the static electricity through the wall of the blast hose.

Blastmaster's high quality Blast Hose is constructed using a 2-Braid arrangement

- 2 highly woven cord linings which are placed in a cross ply pattern to add strength, but still allow the Blast Hose the flexibility that it requires. So the choice is yours - a costly unsafe recycled rubber blast hose with bad design or a Blastmaster quality blast hose that is also safe and value for money.

Great offer on Blastmaster's Premium 1 1/4" SupaFlex Blast Hose.

SPECIAL OFFER

Purchase 2 x 20 metre lengths of Premium 1 1/4" SupaFlex Blast Hose and receive an Ultra-Tuff Silicon Nitride blast nozzle **FREE!**



Yes, during August/September 2007, order 2 x 20 metre Premium 1 1/4" SupaFlex Blast Hoses (BH S32/20) and get an Ultra-Tuff nozzle at no cost.

Phone Blastmaster today to take advantage of this great offer - 1800 882 229





Air Fittings

Call Blastmaster for all your air fittings. We've got the lot - in stock and ready to ship! Galvanized, black, connectors, clamps! Just look in our catalogue.

See Blastmaster Catalogue p73 for more information.



Nozzle Washers

Make sure you always have plenty of these in your tool box! A missing nozzle washer may lead to premature nozzle wear, downtime and failure. Blastmaster stocks all the different sizes.

See Blastmaster Catalogue p58 for more information.



Breathe-safe™ Full Face Mask Respirator

Now with new glass visor so you can clean up with solvents! We also have peel off visors available.

See Blastmaster Catalogue p120 for more information.



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 p67 for more information.

Do you need FREE technical help?

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.



Dew Check Climatic Gauge

Measures air temperature, surface temperature, relative humidity and calculates dew point simply and accurately. Now with memory. Download cable available.

See Blastmaster Catalogue p179 for more information.



Nozzle Pressure Test Kit

Nozzle pressure is critical for productivity and efficiency. A must have tool for all blasters! Check your blast pressure today.

See Blastmaster Catalogue p45 for more information.



Pump Suction Kit

In stock at Blastmaster to suit all Paint Pumps. Is yours blocked? Are you sucking air through holes? Get a new suction hose kit with your next order.

See Blastmaster Catalogue p252 for more information.



Magnetic Surface Thermometer

It's very important to know the temperature of your steel when calculating Dew Point. Use this simple magnetic thermometer to check surface temperatures.

See Blastmaster Catalogue p178 for more information.



Helmet Blast Light

This is an excellent idea - fit a light to your Blast Helmet and see what you're doing instantly! Buy as a kit to fit to your Nova 2000 Blast Helmet.

See Blastmaster Catalogue p95 for more information.



FREE
Worth \$65!

Blastmaster Catalogue

Have you got your own copy of the 320 page full colour Blastmaster Catalogue? It contains lots of technical information on blasting and painting. Call us today for your complimentary copy. Call Blastmaster on 1800 882 229.

30 DAY MONEY BACK GUARANTEE ON ALL PRODUCTS!

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