

# PRIMED



## IN THIS ISSUE:

New Blast System success	1
High Performance Blast Systems	2-3
Work under the right pressure	4
Daily blasting work area checklist	5
New wind speed meter	6
Graco Xtreme XL Sprayer	6
Aquatec curing systems	7
BlastOne products	8

## If new technology isn't saving you money, it's hurting you

### Are you still blasting with equipment that's 10 years old – or even older?

Some of your competitors may have already found out one of the industry's best kept secrets – one that could be saving you up to a third of your current operating costs!

The blasting industry has seen a staggering amount of innovation in the last few years, but only a fraction of blasters know about the latest technology available to them.

Adoption of new blasting systems isn't a luxury; it's essential for any blaster who wants to remain relevant in the field.

When you make the effort to renew your blasting system, you'll see improvements that will save you money overnight, such as:

- Using less abrasive
- Blasting faster and more efficiently
- Decreasing pressure losses
- Increasing productivity by up to 34%

# Increase blasting speed by 43%, while using 70% less abrasive

Now that's something to consider for your business.

New Schmidt blasting systems, used with GMA Garnet abrasive, are decidedly more efficient than other systems. You can get more work done faster with fewer people.

## TESTIMONIAL

**BLASTING CONTRACTOR, MELBOURNE, AU**

*"...this system is like having an extra blaster for two days a week free!"*

Upgrading your blasting systems means you can provide lower, more competitive quotes on jobs, while maintaining or even improving the profit margin on your projects!

These cost saving improvements include simple-yet-revolutionary innovations, like micro valves to control the amount of abrasive entering the air stream, and larger hoses to increase air flow.

All these improvements are designed to give you higher pressure at the nozzle (without having to change your compressor) and use less abrasive on jobs.



Top blasters use GMA Garnet for faster production and low dust!



This 8 ton MegaBlaster will give you serious production blasting, holding enough abrasive for 4 blasters to blast 8 hours without stopping.



Skid mounted Blasting System includes an air dryer and a blast pot. Designed to give the contractor maximum production on site.

## FREE REPORT!

### 16 Ways to Improve your Abrasive Blast System

This book looks at specific ways to decrease your costs and dramatically improve your profits.

**DOWNLOAD YOUR FREE COPY TODAY (VALUED AT \$20!)**

**To get your free copy, go to [www.BlastOne.com/16-ways](http://www.BlastOne.com/16-ways)**



# How an up-to-date blasting system can drive up profits



An Australian shipyard recently called in a blasting specialist from BlastOne to increase production efficiency and improve the worksite environment at its yard.

Could the old blasting equipment, or the copper slag be why it could no longer compete against shipyards overseas?

By installing a new state-of-the-art blasting system and switching to GMA Garnet, the shipyard made an astonishing turnaround! Abrasive consumption dropped by 70%! Monumental savings piled up in abrasive supply and clean up, and blasting speed increased by 43%.

Like most old blast equipment, their old blasting system, with all its poorly designed valves, faulty fittings, and undersized hoses, had been strangling the air supply. It was crucial for them (if they wished remain profitable) to test out the latest available blast equipment from BlastOne.

Life under the new blast helmet is much quieter than normal, as one blaster said, *"I love this new gear, I used to get continual head and neck aches from my old helmet, but that's all gone now!"*

## LESS MESS, LESS FUSS

Because GMA Garnet creates almost no dust, your blasting area keeps much cleaner. You don't have to bring everything to a standstill while your blasting—the other trades can keep on working. And when you can blast faster, you can get the work out quicker, costing less money and making less mess.

What's more, paying for the new system isn't going to cost you an arm and a leg! New equipment can pay for itself in three months. In fact, at this shipyard, blasting costs dropped by a staggering 39% overnight.

## OPERATORS LOVE THE NEW EXPERIENCE

After enduring years of working with outdated and ill-designed equipment, the operators have found it incredibly rewarding to use equipment that finishes the job quickly and keeps them comfortable while on the job.

## TESTIMONIAL

**BLASTING CONTRACTOR, VIRGINIA, USA**

*"This new blast equipment paid for itself in only two small projects!"*

### NOVA BLAST HELMET

Luxury Nova air-fed helmet with pillow foam lining. Lighter and quieter with wider vision, just try one for a day!

### DEADMAN HANDLE

Deadman handle for fast, positively controlled on/off activation. You'll find it more comfortable and safer.

### BLAST NOZZLE

Made from lightweight silicon nitride and will last for hundreds of hours without tiring operators.

### BLAST POT

State of the Art Schmidt™ Blast Pot. Almost no pressure loss because of unique but simple valves and fittings. This means you'll get immediate faster blasting. A high quality and affordable investment for all blasters.

### AIR CONDITIONER

Helmet air conditioner on belt cools air into helmet to keep you cool all year round!

### RADEX BREATHING AIR FILTER

Removes oils, odors, moisture and particles from breathing air.

### BLAST SUIT

Leather where you need it, cotton for coolness elsewhere. Comfortable necessity.

### METERING VALVE

To simply meter abrasive carefully into air stream. Can make a hopper load last three times as long without affecting speed!



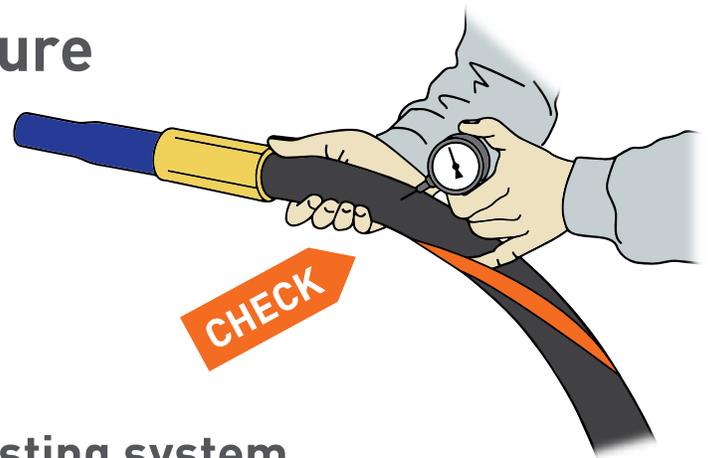
# NEVER STOP LEARNING

## Work under the right pressure

### Check nozzle pressure for productivity

Use a hypodermic needle pressure gage kit, and insert the needle into the blast hose slowly, a few inches back from the nozzle. Point the needle towards the nozzle, and at a slight angle. Insert slowly until you get a constant reading.

Are you getting 100 psi?



## Measuring pressure drops in a blasting system



- 1 Exit of Compressor – This is your maximum pressure. If this is lower than 'normal' – you have a compressor problem.
- 2 Entry to AirPrep Air Dryer or Receiver – A drop in pressure here could be due to a leak in your bull hose or connection point(s), or insufficient hose diameter.
- 3 Exit of AirPrep Air Dryer or Receiver – A significant drop in pressure at this point could mean the AirPrep is not working at its rated efficiency or leakage in hose connections.
- 4 Entry to Blast Pot – Hose leak, hose connection leakage or insufficient hose diameter would be the cause of a pressure drop here.

- 5 Exit of Blast Pot – A pressure drop here would be caused by a leaking hose connection point or more than likely, a leak within the Blast Pot configuration. Another common cause is using an incorrect moisture separator.
- 6 Just behind the Nozzle – This is the most critical measurement of pressure drop, it is the difference between maximum pressure point 1 and output pressure point 6. If the pressure only drops in this last section, it would be caused either by blast hose leakage, blast hose connection leakage, lengths of Blast Hose that are too long or insufficient ID of Blast Hose.



# Wind speed doesn't have to be hard to read

With the DeFelsko DPMA you can measure wind speed easily

Every job site is required to measure the wind speed every day. This is the first economical tool that customers can use to record wind speed quickly and easily.

The DeFelsko PosiTector DPMA has been devised to measure dew point temperature or dewpoint of a workpiece with the addition of wind speed sensory upgrades.

This integrated measurement records climatic conditions including: relative humidity, air temperature, surface temperature, dew point temperature, and difference between surface and dew point temperatures.

## INTEGRAL PROBE WITH WIND SPEED SENSOR (DPMA)

- Includes the ambient temperature, surface temperature, and humidity sensors from PosiTector DPM Integral Probe plus a hot wire anemometer
- Anemometer mode measures air temperature, relative humidity and wind speed
- Auto-rotating display for inverted use
- Wind Speed Range: 0-20 m/s, 0-44 mph, 0-65 ft/s, 0-3900 ft/m, 0-72 km/h, 0-38 knots
- Wind Speed Accuracy:  $\pm 3\%$  Full Scale



**DPM PROBE WITH WIND SPEED SENSOR**  
for DeFelsko PosiTector Gauge Body



# Finally a pump that can actually handle six painters without running away

The solution to your large coating job without the extra workout.

If you have large jobs that require a high-output sprayer, then you need the Graco Xtreme XL Sprayer. Configured with the Graco XL Air Motor, the largest air motor Graco has ever built, the Xtreme XL handles the workload equivalent of multiple sprayers.

Graco's powerful new 10,000 cc XL Air Motor lets you use multiple guns with almost no perceivable pulsation.

The pump has a high output – up to 6.7 gal per minute (25.4 lpm). This higher output per cycle means less total cycles for any given job, which means less wear and tear on pump components and ultimately, less downtime and maintenance expense for you.



**THE GRACO XTREME XL SPRAYER CAN HANDLE THE VOLUME OF SIX PAINTERS**

# Turn your spray booth into a convection oven and reduce your coating cure times by up to 80%



## Introducing Aquatec curing systems

If curing your coating in your paint booths is a bottle neck, you need to invest in a new Aquatec curing system. This system works in conjunction with your paint booth make up heater to triple the velocity heat and amount to paint circulation in your booth, once you have finished spraying.

The introduction of the Aquatec moves the evaporated solvent away from your curing surface, decreasing cure times.

### TESTIMONIAL

#### PLANT MANAGER, UNIVERSAL

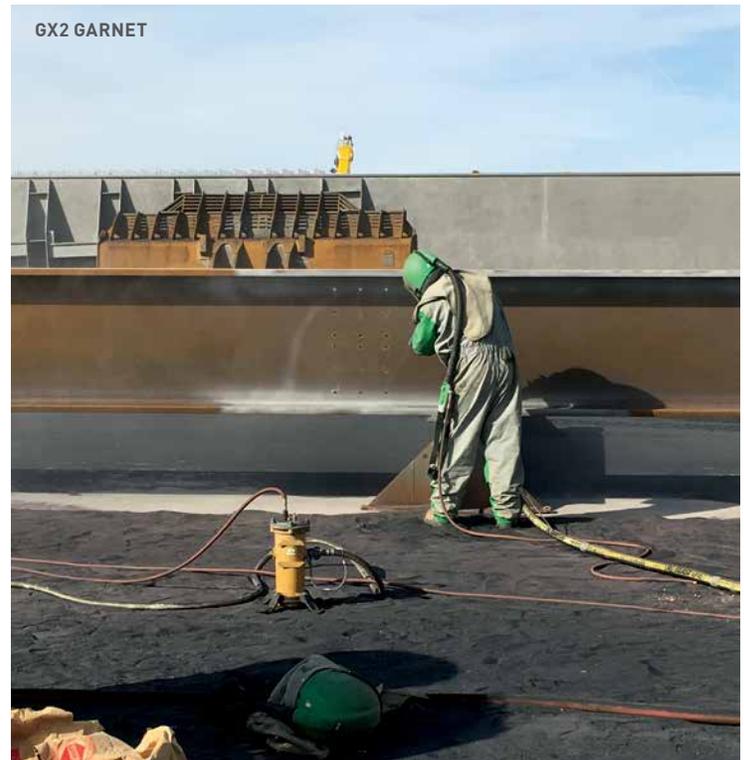
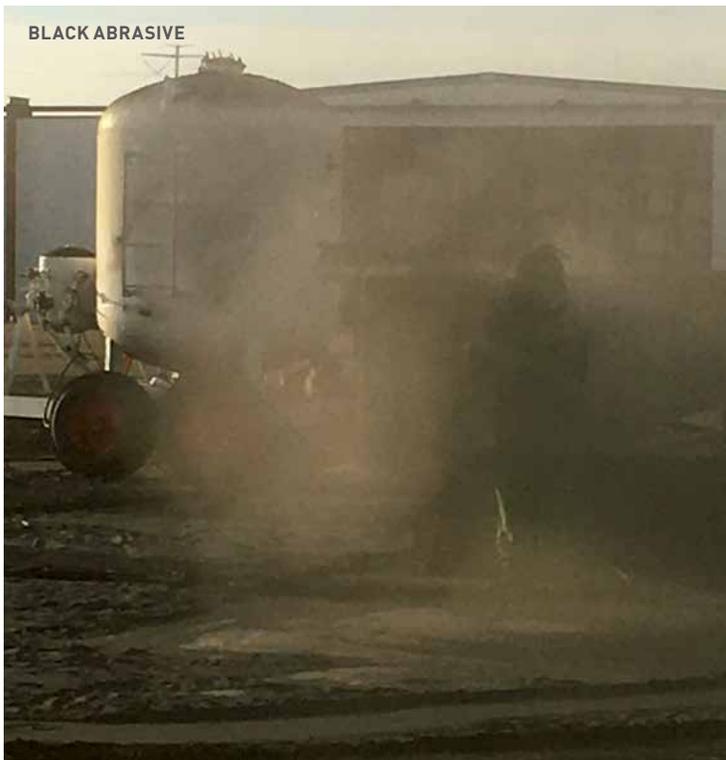
*"Our coating cure times went from eight hours down to one hour with the installation of BlastOne's curing system."*



YOU CAN SEE THE AQUATEC AIR INDUCTION NOZZLES MOUNTED ON THE SIDE WALL OF THIS PAINT BOOTH, DECREASING CURE TIMES BY 80%

## The difference of using GX2 Garnet vs a Black Abrasive... this picture tells 1000 words...

Blasting a I-Beam at Stinger Bridge in Coolidge AZ, Black Dusty Abrasive vs GX2 Garnet – 20 minutes later



ASK US HOW GX2 CAN MAKE YOUR JOB SITE CLEANER  
Contact us on 800-999-1881 or email [sales@blastone.com](mailto:sales@blastone.com)

# Do you know BlastOne stocks all this and much, much more?

## BRICK™ LED EXPLOSION PROOF LIGHT WITH 100' OF CABLE

The BRICK LED is the most versatile and rugged LED portable explosion proof area light on the market. The perfect choice for your portable work site lighting needs. The BRICK is certified and approved for hazardous locations.

See page 202 of the new BlastOne catalog for details



## TORIT ULTRAWEB FILTER CARTRIGES

Nanofiber technology ensures longer filter life at a significantly lower pressure drop. Ultra-filtration for most types of dust collectors.

See page 261 of the new BlastOne catalog for more information



## NOZZLE PRESSURE TEST KIT

Nozzle pressure is critical for productivity and efficiency. Determine the nozzle pressure quickly and accurately with a Nozzle pressure test kit.

A must have for all blasters!

See page 115 of the new BlastOne catalog for more information



## NOZZLE SIZE ANALYZER GAGE

The Nozzle Analyzer Gage is a simple way to measure the orifice size of an abrasive blasting nozzle.

Easily determine the amount of wear on your nozzles!

See page 115 of the new BlastOne catalog for more information



LOOK!

## TRITECH AIRLESS SPRAY TIPS

Long lasting high quality tip and guard series. Features alignment seal, mega-hard tungsten carbide construction.

See page 374 of the new BlastOne catalog for information



## TESTEX TAPE X-COARSE (1.5 – 4.5 MIL)

Fast and simple method of measuring surface profile. Produces accurate replica of the surface profile. Used in conjunction with a precision dial thickness gage to determine maximum surface profile.

See page 321 of the new BlastOne catalog



## TRELAWNY NEEDLE SCALER HEAVY DUTY WITH VAC SHROUD

Trelawny heavy duty 3BPG needle gun with vacuum shroud is light weight with pistol-grip for heavy-duty work. Used for fast cleaning and descaling of heavy encrustation and surface buildup.

See page 256 of the new BlastOne catalog



## HARD HAT HEAD PROTECTOR

This safety hard hat provides head protection that conforms to universal safety standards. Attention has been given to operator safety, convenience and comfort.

See page 244 of the new BlastOne catalog



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