



Porta-Blast  
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FOR IMMEDIATE RELEASE

## Eliminate Worksite Blasting and Painting Pollution.

*New system eliminates abrasive blasting dust and paint overspray pollution on worksites.*

Singapore - 27 February 2015 - A new concept for the elimination of work site pollution from sand blasting and spray painting activities has been introduced today. The Porta-Blast system prevents airborne dust and paint overspray pollution.

A perennial problem for on site sand blasting and painting contractors is the amount of pollution they create. The process of blasting and painting is inherently dirty and creates a lot of pollution from the abrasive dust and paint overspray. This pollution is harmful to the environment, surrounding workers, and plant and equipment. As environmental rules and regulations are tightened, every year it becomes harder and harder to comply with new requirements and prevent dust pollution.

Traditional blasting and painting facilities are permanent custom built factories. All blasting and painting is contained within a blastroom and spray booth to eliminate pollution. However on-site blasting and painting is generally conducted in the open, and in doing so creates a lot of pollution. The Porta-Blast is designed to bring all the advantages of a permanent factory to the worksite.

The Porta-Blast system is a portable abrasive blasting and spray painting enclosure that is erected on the worksite. The system consists of abrasive blasting and spray painting ventilation dust collectors. The dust collectors are built into 2 standard shipping containers.

At the worksite a fabric enclosure is erected between the 2 containers to form a fully sealed weather proof enclosure to prevent leakage of dust and over spray. All blasting and painting works is contained within the enclosure, and with the ventilation systems in operation all airborne pollution is captured.



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A further advantage of this system is the ability to use recyclable abrasives. As the abrasive can be captured the use of expendable abrasives can be eliminated. Instead of using the abrasive one time, and then dumping it as waste, the abrasive can be captured, recycled and reused multiple times. Recycling of the abrasive provides significant cost savings and substantially reduces the amount of waste generated.

Porta-Blast is a plug and play system to bring all the advantages of a permanent facility to the worksite. There are currently 4 standard sized models. Other sizes and systems, customized to the end users requirements, are available.

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