

# **BLASTMASTER®**

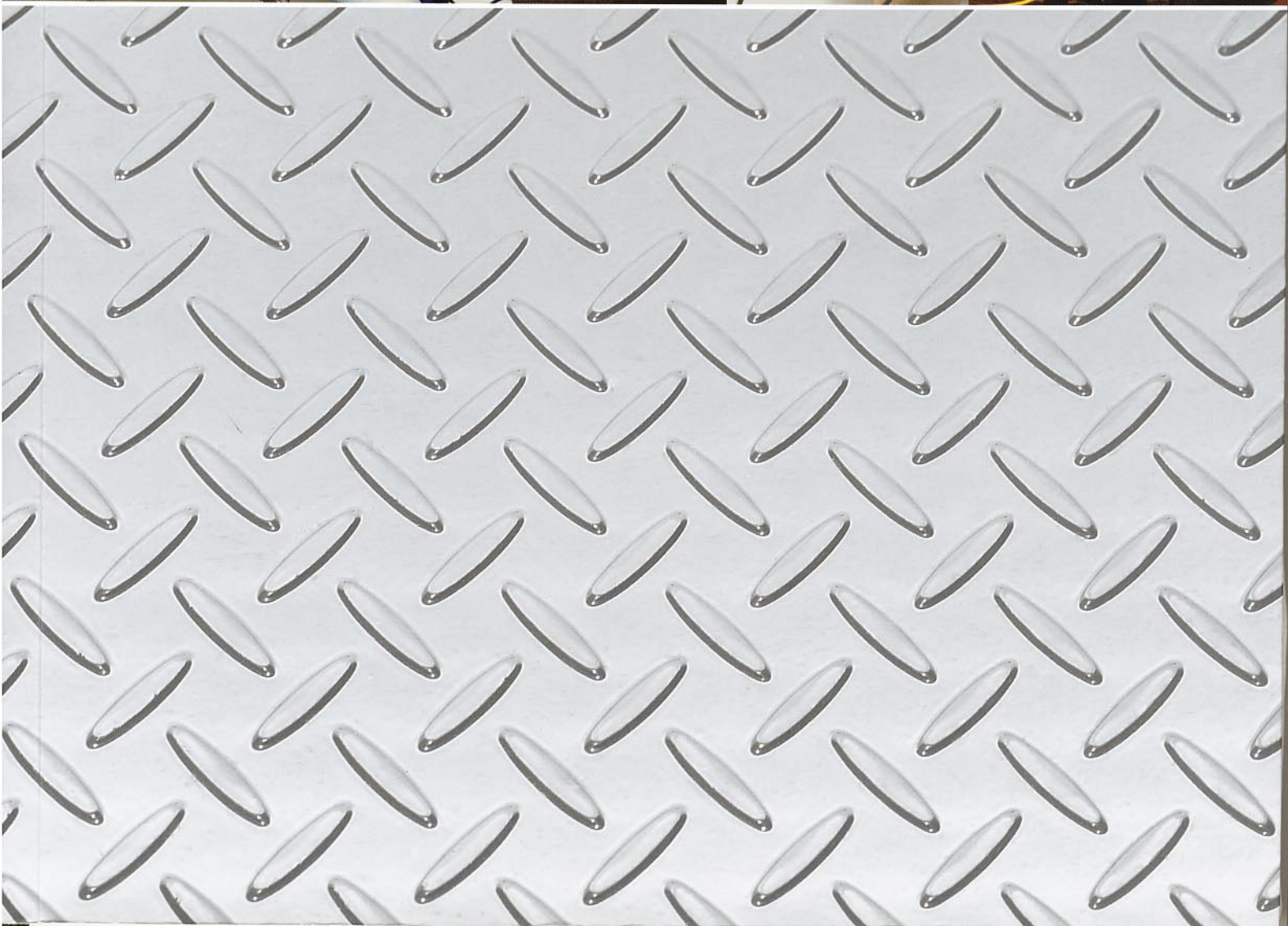
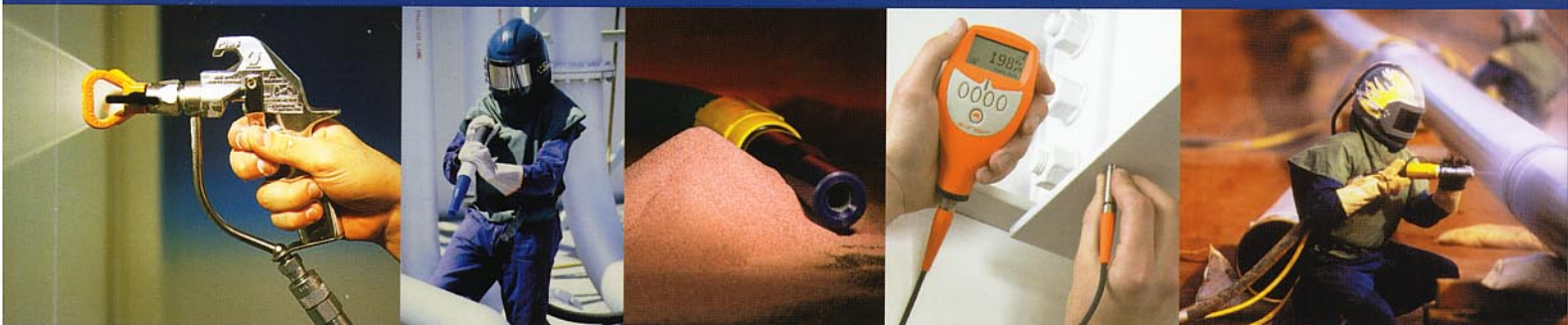
## **Catalogue**

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Equipment

Components

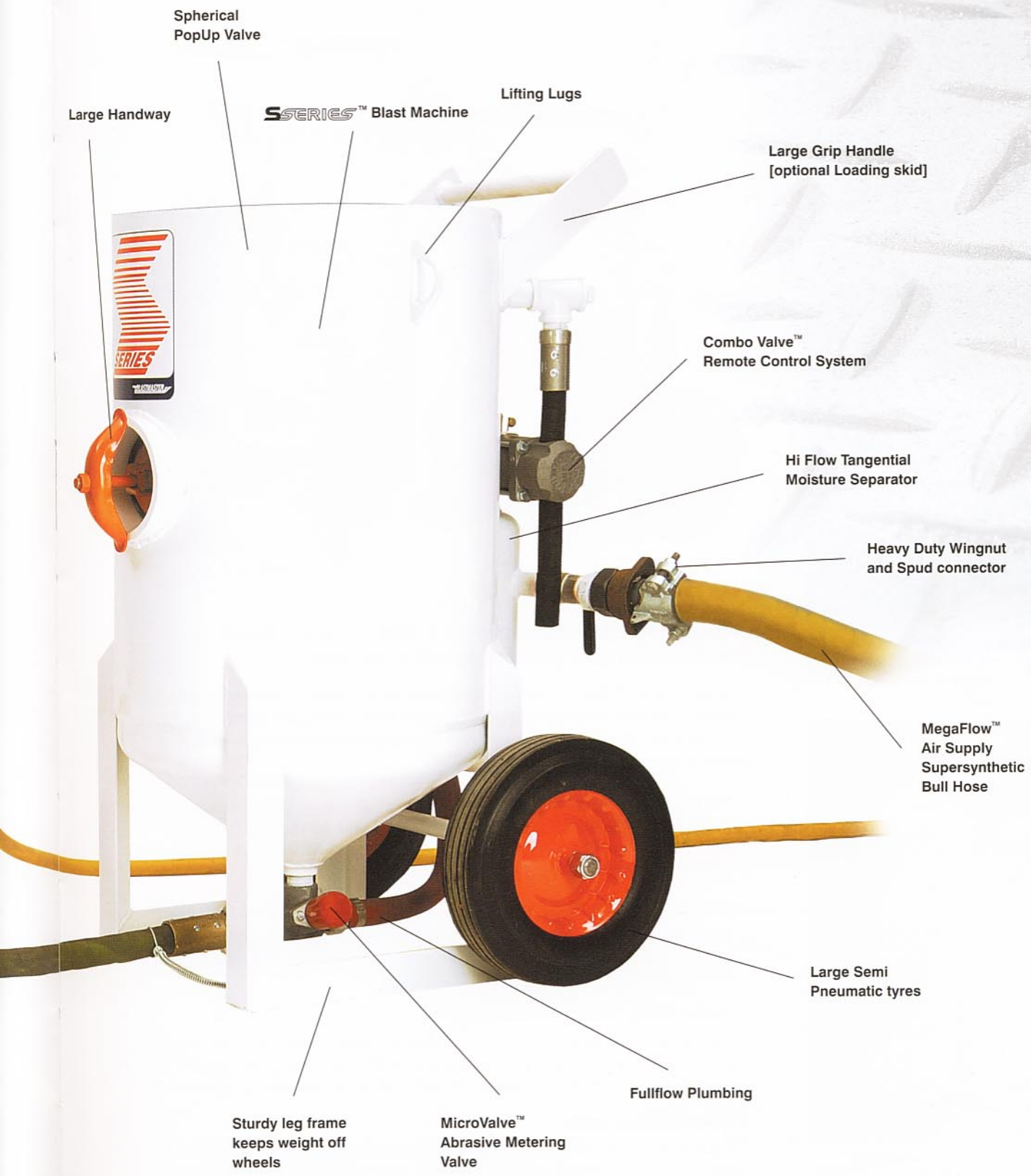
Technical Reference



# 25 items that will really make your blasting package safer, more reliable and more productive

Its the little things in a Blastmaster® System that really make all the difference!





Spherical PopUp Valve

Large Handway

**S**SERIES™ Blast Machine

Lifting Lugs

Large Grip Handle  
[optional Loading skid]

Combo Valve™  
Remote Control System

Hi Flow Tangential  
Moisture Separator

Heavy Duty Wingnut  
and Spud connector

MegaFlow™  
Air Supply  
Supersynthetic  
Bull Hose

Large Semi  
Pneumatic tyres

Fullflow Plumbing

Sturdy leg frame  
keeps weight off  
wheels

MicroValve™  
Abrasive Metering  
Valve

## High Performance Abrasive Blasting Systems

Blastmaster® abrasive air blasting equipment is built for highest productivity, safety and dependability. The **SERIES™** Blasting Systems use full flow piping, significantly reducing pressure loss. Quality valves and precise controls, result in significant reduction in abrasive costs, minimization of downtime and reduction in clean up and abrasive disposal costs.

These Blasting Systems feature Schmidt™ pneumatic or electric deadman controls and precision metering and control valves. See p.12-14.



With large wheels and convenient handle, these Blast machines are easy to move around.



BMS 3.5 Blast machine. The **SERIES™** Blast machines have a reduced height making them easy to load, reducing back injuries.

# The **SERIES™** Team of Production Blasters

Blasters that can make your job easier!



## Why spending a little more on a **SERIES™** Blast Machine can give you lasting value for money

The Blastmaster® **SERIES™** Blast Machines are built for continuous high production use. Extra cost has gone into lots of small details and additional features to increase production, save you money in maintenance and make your Blasting job quicker and easier.

- **Lowest Abrasive Consumption**

The Schmidt™ Metering valves are recognized as the best valve for "grain by grain" abrasive metering. This accurate metering can allow your operators to perform the same task with much less abrasive.

- **Low Pressure Loss**

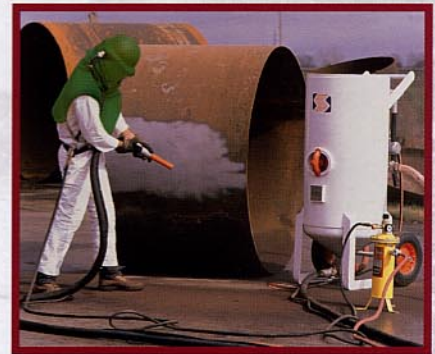
**SERIES™** Blast Machines feature efficient full flow pipework and valving to reduce dreaded pressure loss to the lowest in the industry. This keeps you blasting fastest!

- **Faster Acting Deadman Controls**

Concerned about safety? The Schmidt™ Combo Valve™ deadman controls [see p.14] is one of the fastest and most efficient valves of its type in the industry. A few extra seconds to shut down can mean the difference between an injury or not.

- **Lower Loading Height**

If you or your operators have to shovel or lift abrasive into the Blast Machine, you'll be glad to see that the **SERIES™** Blast Machine range is nearly 6 inches shorter than an equivalent capacity 'Standard' Blast machine. This may



A correctly sized Blasting system will greatly improve performance.

**Could Upgrading to a S SERIES™ Blast Machine save you over \$10,000/year?**

Many Blasting operators have found they immediately halved the amount of abrasive they used, when they upgraded to using S SERIES™ Blast Machine! For many Blasting operators that easily equates to over \$10,000 per year in abrasive savings alone. Plus, imagine the additional savings in pot filling time and clean up and disposal costs!

**What do others have to say?**

*"I have found I only have to take half as much Garnet with me to each job since I bought the new Blastmaster pot."*

**Contractor, Melbourne Australia**

*"With our new Blast Package we have increased production by 30%! We never realised how much pressure we lost with all the restrictions in our old pot and system. Without even changing our compressor we have 20psi more pressure at our Blast nozzle."*

**Shipyard, Sydney Australia**

just save your back! The extra large capacity dome holds extra abrasive ready for fast filling through the unique hemispherical pop up valve. The lower centre of gravity also helps make it safer and more stable.

**• Ergonomic Blast Machine Design**

For maximum stability the S SERIES™ range is built with a sturdy base frame. Large semipneumatic wheels and solid handle makes it much easier to move around than 'standard' pots.

**Blastermaster® S SERIES™ Production Blast Machine Specifications**

Model	Specified Capacity [approx]		Abrasive Capacity [approx]		Height mm	Length mm	Width mm	Function
	Cu ft	Litres	Garnet kg	Steelgrit kg	Excluding handle	Including handle	Including lifting lugs	
BMS 1.0	1.0	30	70	120	810	460	370	Small blasting applications, Touch up work, Spot blasting
BMS 2.0	2.0	60	140	230	1260	700	540	Small blast rooms, Spot blasting
BMS 3.5	3.5	100	230	390	1050*	630	625	Mobile contractors, Truck mounting, High production
BMS 6.5	6.5	185	430	700	1195*	855	785	High Production work, Easy to fill with large capacity
BMS 10.0	10.0	285	670	1100	1500*	855	785	Blasting room installation, 1-2 operators from one blast machine
BMS 20.0	20.0	570	1350	2250	1725	1200	940	Blasting room installation, 2-4 operators from one blast machine

\* Height fitted with micro valve. Add 150mm for Thompson Valve™

# Mega-Blasters™ for Highest Productivity

Blasters that get the big jobs done!



Trailer mounted Mega Blaster with 4 outlets on large water tank project. Holds enough Garnet to Blast all day without stopping.

## Mega-Blasters™ For Blasting Specialists

Blastmaster Mega-Blasters™ are designed to maximise the cost savings of volume production. These high productivity blasting systems feature multi-outlet Thompson Valve™ II controls that allow each operator independent control of his abrasive media flow.

Mega-Blasters™ include the safety and performance features as the Blastmaster® S SERIES™ abrasive Blast Machines. Standard Mega Systems include skid mount and trailer mounted systems. Custom designs are available to meet your specific requirements.

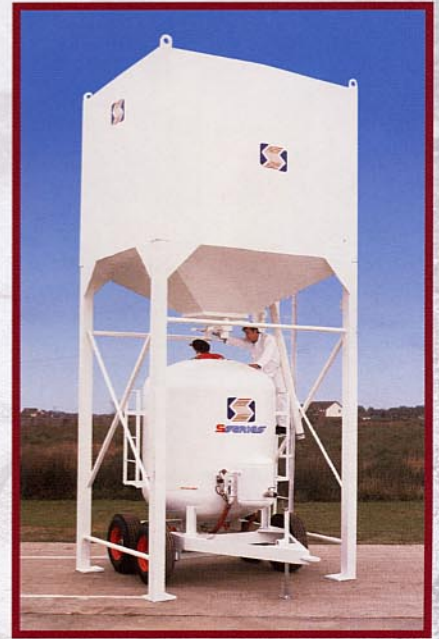
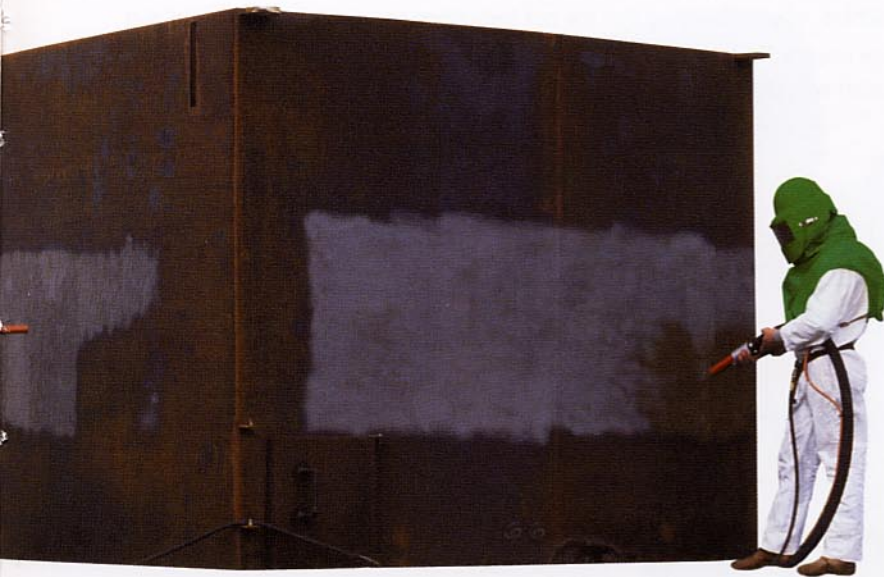
## Why Use A Mega-Blaster™?

With conventional pots, the Blasting has to stop every hour or so to refill the Blast Machine. This 'down-time' during refilling adds up in inefficient operation.

The Mega-Blasters™ hold enough abrasive for 2-4 operators to blast all day without stopping. Because the pot doesn't depressurise and refill with compressed air during the day, it also greatly reduces moisture and condensation problems.



Mega-Blasters™ can be skid mounted for yard use. Because pot tenders are not needed and there is no down time to refill, operating costs are slashed.



Overhead storage and loading hopper for Mega Blaster. See also p.142 for vacuum loading systems.

**Major contractors around the country testify to the money-saving benefits of Mega-Blasters™.**

*"My blasters used to take their helmets off every 45 minutes during refilling and by the time they'd had a drink, 15 minutes was lost - each hour! Now we only stop for meal breaks!"*

**Contractor in Victoria**

*"We get 2 hours extra blasting every shift because the blasters don't have to stop to refill anymore!"*

**Shipyard in Queensland**

**Mega-Blaster™ Features**

- Safe industry design; features normally closed fail-safe valves and controls.
- Designed to provide the industry's lowest pressure drop, resulting in higher productivity.
- Low maintenance design minimises downtime.
- 125 psi rated vessel; higher pressure systems available.
- Ladder allows easy access to closure.
- 10" quick-opening cam lock fill port requires less maintenance and provides for easier loading.
- 18" x 12" man way for easy access.
- Full-load lifting eyes for easier transport [not rated for steel abrasives].
- Optional moisture separator for uninterrupted abrasive flow.

**Blastermaster® Mega-Blaster™ Specifications**

Model	Mounting Version	Specified Capacity		Garnet Capacity	Height	Length	Width	Function
		Cu ft	Litres					
BMS 60	Skid	60	1 700	4.1	2120	2590	1950	For truck mounting. 2 operators
BMS 120	Skid	120	3 400	8.2	2770	2770	2010	Large site work. 2 - 4 operators
	Trailer	120	3 400	8.2	2950	3530	2390	Large site work. 2 - 4 operators. Can be easily towed around yard.
BMS 160	Skid	160	4 500	10.8	2920	2770	2310	Very large site work. 2 - 6 operators
	Trailer	160	4 500	10.8	3130	3530	2420	Very large site work. 2 - 6 operators. Can be easily towed around yard.
BMS 500	Skid	500	14 000	33.1	5840	2670	2440	Large blast room. 4 - 8 operators
BMS 650	Skid	650	18 500	44.4	7060	2670	2440	Large blast room. 6 - 8 operators
BMS 800	Skid	800	22 800	54.7	8280	2670	2440	Large blast room. 6 - 12 operators