

POWER BLAST



**Complete Portable  
Shotblast Rooms**

# A totally enclosed, fully portable Shotblast Room with closed cycle ventilation and automatic abrasive recovery

Power Blast Limited have produced the first totally enclosed package shotblast room, complete with shotblast machine, air operated elevator for spent abrasive, dust separator, VENT-CYCLE closed cycle ventilation, dust collector with time cycle agitation of the filter cloth, pneumatic control panel, dust-proof fluorescent lighting, rubber-lined work space. The unit is sound-proofed and free from dust emanation. The design is robust and weatherproof for indoor or outside use.

Shotblasting is the quickest way to remove rust, scale, old paint and other surface contamination from steelwork. The surface it provides gives a perfect bond for paint. But the operation must be contained.

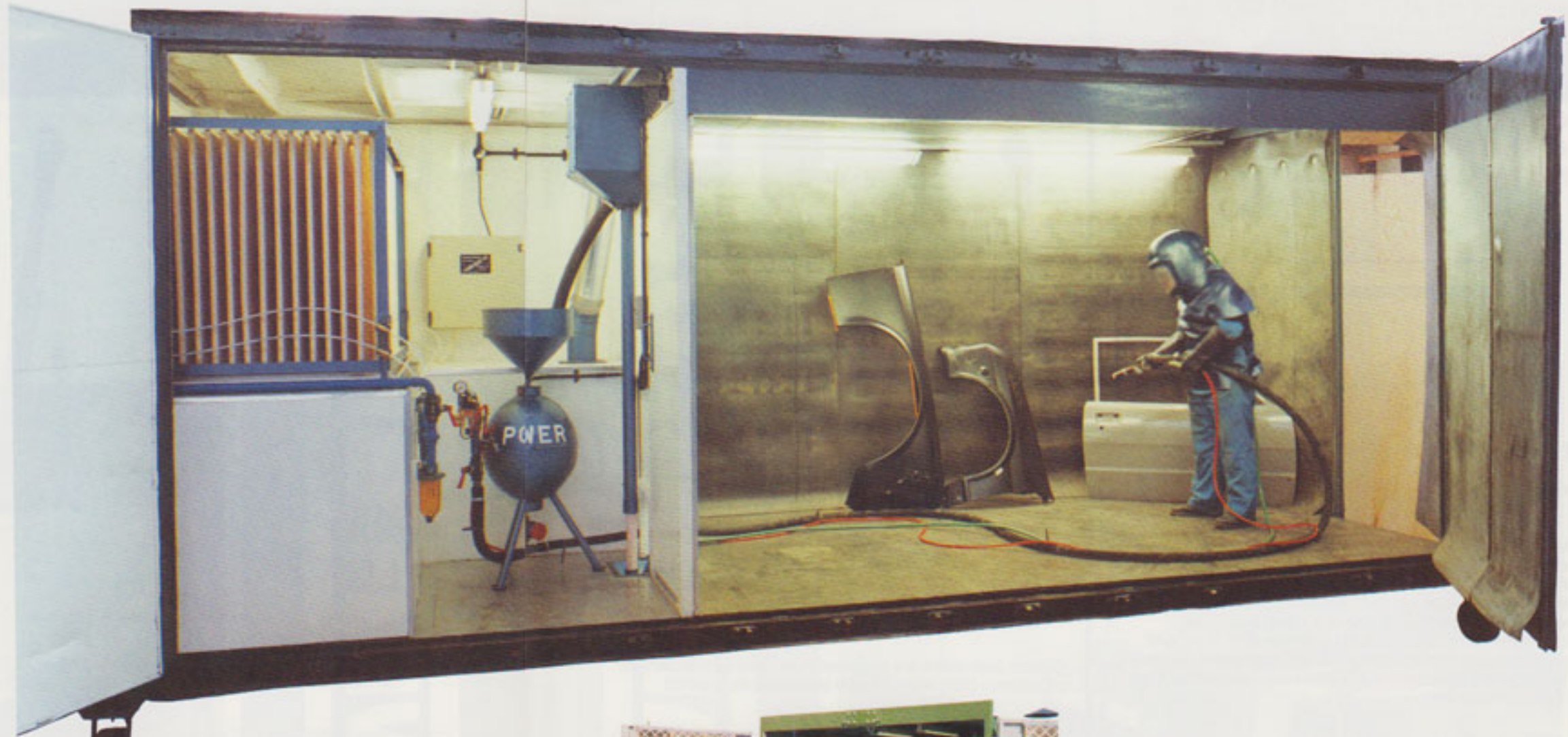
Hand cabinets are suitable, but for production speed and efficiency the operator has to be in closer touch with the workpiece. A shotblast room is the answer.

Power Blast Portable Blast Rooms use VENT-CYCLE, an exclusive system which circulates the ventilating air, unlike most shotblast rooms which draw in warm air and discharge it to atmosphere.

They can be moved about by crane or fork lift truck or can be permanently installed in a factory. They can also be operated from site to site whilst still on the lorry or trailer.

They will operate with any abrasive provided it is dry, granular and will flow easily.

Recommended media include chilled iron and steel grit, steel or stainless steel round ball shot, fused alumina, glass beads and nylon pellets.

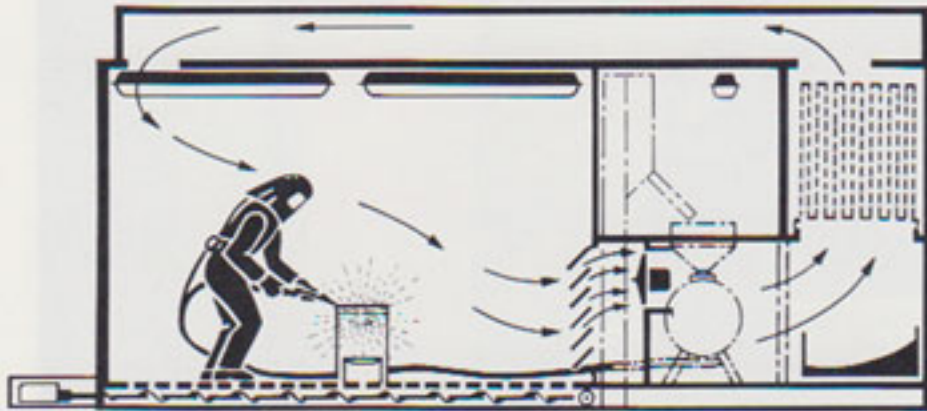


POWER BLAST SHOTBLAST ROOMS ARE THE IDEAL ANSWER, HAVING MANY ADVANTAGES OVER A CONVENTIONAL ROOM:-

- Less capital outlay
- Lower running cost
- No pit required
- Easier servicing
- No installation needed
- Fully mobile
- Improved working conditions
- Quieter
- Retains all dust
- Compact, sturdy, lockable

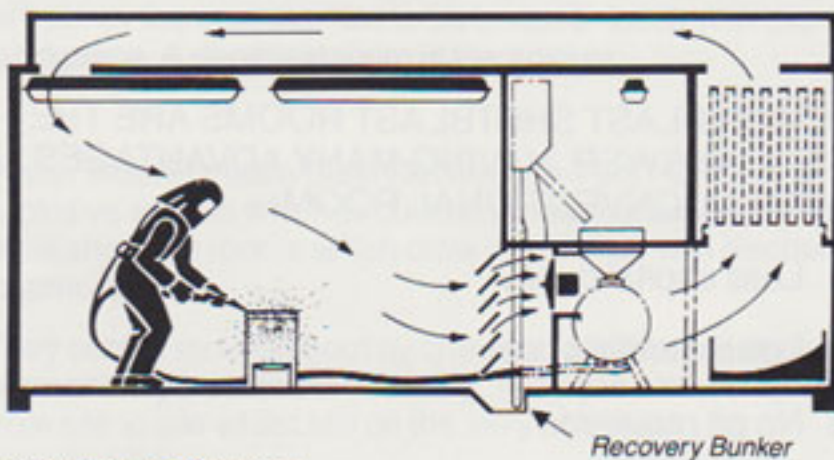
**DELIVER TO SITE  
– CONNECT TO AIR  
AND ELECTRICITY  
– START BLASTING**

# POWER BLAST ROOMS CONTAIN IN ONE COMPACT PACKAGE ALL THE TECHNICAL AND LEGAL REQUIREMENTS OF AN EXPENSIVE CONVENTIONAL BLAST ROOM INSTALLATION



TYPE 'A' FULLY AUTOMATIC

Within the sturdy framework of a specially manufactured container, are a blast generator, fail-safe remote control, air filtration and regulation, completely automatic grit cycling, cleaning and grading of spent abrasive, good lighting, clear vision, cleaning and re-cycling of ventilating air, dust collection with automatic cleaning of filter cloth, inner wall protection and soundproofing – all in full compliance with British safety standards and COSHH regulations. The Type 'A' is fully automatic.

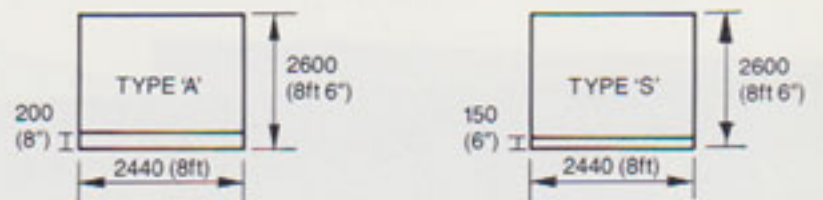


TYPE 'S' SEMI AUTOMATIC

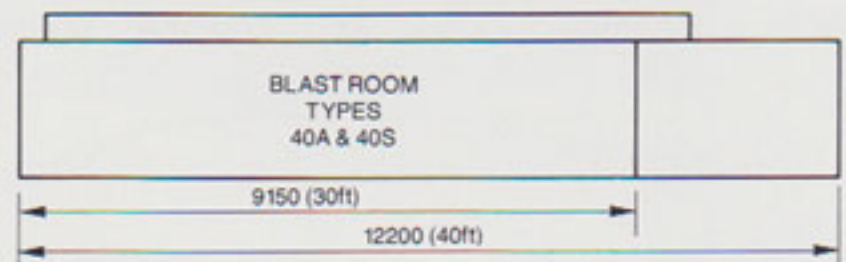
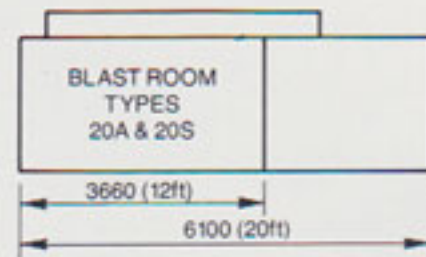
The semi-automatic Type 'S' has a heavy-gauge smooth steel floor in the shotblast area. Spent abrasive is cycled automatically from the recovery bunker mounted at floor level in the partition wall.

Both types and all sizes are fully portable on any lorry fitted with the appropriate twist locks.

Standard rooms are made from new or reconditioned containers of the following sizes (dimensions are in millimetres and feet).



STANDARD HEIGHT & WIDTH



NOTE: FOR TYPE 'A' BLAST ROOMS ADD 915mm (3ft) TO OVERALL LENGTH

Custom built rooms are produced in any size up to maximum of 3650mm (12ft) width. Length and height as required.

AIR REQUIREMENT		ELECTRIC CURRENT USAGE (BUT ALLOW FOR STARTING SURGE)	
NOZZLE DIAMETER	AIR USAGE AT 6 BAR 90p.s.i. PRESSURE	TYPE	AMPS (3 PHASE)
6mm (1/4") 8mm (5/16") 10mm (3/8") 12mm (1/2")	Cubic metres (feet)/minute 2.0 (70) 3.5 (123) 5.5 (194) 7.6 (269)	20S	4.3
		20A	10.0
		30S	5.2
		30A	11.0
		40S	7.2
		40A	13.0
TYPE 20S IS ALSO AVAILABLE TO OPERATE ON SINGLE PHASE USING 8.3 AMPS			

No special site preparation is necessary except firm, level ground. On soft ground a concrete block is required to support each corner. Transported on a lorry with an air compressor and electric generator inside, the unit becomes independent of power supplies on site and capable of operating anywhere in the world.

TO BUY OR HIRE A PORTABLE SHOTBLAST ROOM, PLEASE CALL OUR CAMBERLEY OFFICE.

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The products offered for sale may differ from those described or illustrated in this leaflet, because of our policy of continual research and development, and consequent changes in specification, components or manufacturing processes.

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