

SURFACE FINISHING EQUIPMENT GROUP

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SALES - SERVICE - HIRE -
TRAINING - INSTALLATION

NORTHEAST BRANCH

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NORTHWEST BRANCH

Abraclean Ltd
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Jedtec Finishing Equipment
Manchester. UK. M11 2QA

Tel: 0161 480 8087
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- Shot Blasting Equipment
- Paint Spraying Equipment
- Powder Coating Equipment
- Fixed Extraction Booths
- Mobile Dust Extraction
- Personal Protection Equipment
- Shot Blasting Abrasives
- Spares and Consumables
- Plural Component Systems

Complete Finishing Systems
Tipton. UK. DY4 7TR

Tel. 01902 601 312
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- Complete Finishing Plants
- Spray Booths
- Design engineers and CAD
- Industrial Ovens
- Conveyors
- Pre-treatment systems
- Powder Coating Booths and equipment

Soda Blast System DS-67



Soda Blast Pot [left]
Optional - Hose Set with Control Lines [middle]
Optional - Water Induction Blast Nozzle [right]

Our Soda Blasting Pot has been custom designed for the particular demands of soda blasting and includes various features in order to ensure smooth uninterrupted flow of abrasive, with a high level of abrasive control.

SODA BLASTING INTRODUCTION :

Soda Blasting is a process in which a controlled mix of blasting soda (sodium bicarbonate) and compressed air is applied against a surface at high speed. This non-destructive method creates micro fragmentation on impact, exploding away surface materials without damage or etch to the underlying surface.

ADVANTAGES :

- Gentle Cleaning action – little or no effect to the underlying surface
- De-Greasing effect - removes grease, carbon, salt or other contaminants as it blasts
- Environmentally friendly – Soda is non-toxic and no additional chemicals are required
- Reduced Waste - soda dissolves in water and therefore easy to dispose.
- Natural Rust Inhibitor – on a ferrous metal surface rust will not form
- Creates less heat than standard blasting - minimizing risk of object warping.

EXAMPLES OF APPLICATIONS :

- Building cleaning & graffiti removal – concrete monuments, or wooden structures
- Food industry - soda itself is not toxic and can be washed away
- Delicate Machinery & component refurbishment – such as bearings or seals
- Petrochemical industry - unlike normal abrasives, soda does not produce sparks on impact, and Soda is non flammable.
- Fiberglass Boat Hulls
- Mold and fire / smoke damage - Soda has a deodorizing property

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High Quality Air Dryer [left]
Safety Fill Guard [middle]
Air Operated Soda Control Valve [right]

FEATURES AND OPTIONS

The Soda pot can be supplied as a basic pot, or with customer options to suit your application.

Standard Features:

- **Pressure Regulator** – this standard feature allows fine control of blast pressure
- **Abrasive Metering Valve** – allows for fine control of Soda into the air stream
- **Pneumatic Vibrator** - adjustable pneumatic vibrator improves flow of the finest abrasives
- **Water Separator** - water separator mounted on the blast pot
- **CE marked** - conforms to protection requirements relating to the Safety of Machinery 2006/42/EC by application of standards EN ISO 12100 Parts 1 and 2: 2003 and EN ISO 12141: 2007
- **Blast Pot Shell** - with maximum working pressure of 12.0 bar
- **Safety Features** - Pressure safety valve, Filling Guard, Remote Control shut off System

Optional or Package Features:

- **Air Dryer** - the pot is normally supplied with a high quality air dryer in order to ensure that only dry air reaches the abrasive media, essential for consistent soda flow.
- **Hose Set-**
10 metre hose set, or optional length to suit – blast hose, twin remote control hose, 3 ported remote control handle, and blast nozzle.
- **Personal Protective Equipment** –
Nova Helmet, and Radex Breathing Air Filter
- **Wet / Dry Nozzle** –
The Nozzle mixes air and water inside the nozzle tip for effective dust suppression.
- **Water Pump** –
air driven water pump to draw water from a tank (where a mains supply is not available) to provide water to the Wet/Dry Nozzle was dust suppression or wash-down.

Note : These products provide optimum and safe performance only when used in accordance with manufacturer's instructions, with suitably trained operators, and when provided with adequate recommended power requirements.