



Abrasives
Blasting
Painting
Inspection

Product Catalogue

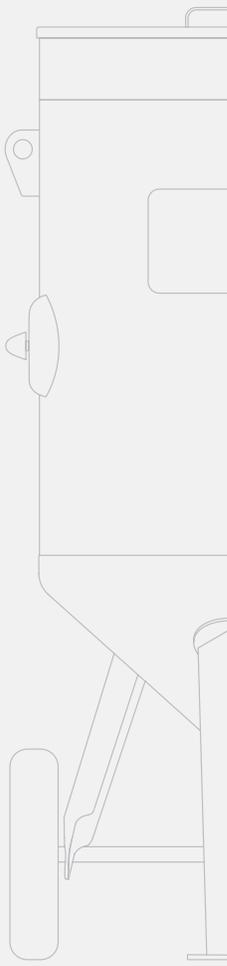
Our Vision

To be the world's leading supplier in the protective coatings industry.

Our Mission

To provide the complete set of solutions for all blasting and coating needs.



A vertical line drawing of industrial machinery, possibly a blasting or painting machine, shown in profile. It features a large cylindrical upper section, a smaller section below it, and a complex base with various pipes and structural elements.

About Us

In an age where superiority is determined by balancing qualities of design, technology and prompt services, Blastline India leads the way combining its resources. Efficiency and superior quality maintained has been the cornerstone in providing competitive services, machinery and support to the blasting and painting industry. A niche player in the segment, it also provides accessories for protective coating industries. The global presence and wide reach has enabled Blastline to cater to a wide range of industries through our business networks in USA, UK and the Middle East.

Led by a dynamic engineering and management team, we have been able to adapt to changing needs of the industry with élan. As part of continued commitment to the industry, Blastline India has made forays into training personnel from BISP (Blastline Institute for Surface Preparation and Painting); a state-of-the-art institution located in Cochin, India backed by expertised faculties and superior equipments provide effective training for the aspirants to this high end blasting and painting industry.

Today, Blastline India is an acknowledged leader in the industry and has been able to maintain superior customer satisfaction levels with matchless and prompt service. Major international brands in this sector are represented by Blastline India. The after sales service provided is also at par with international standards.

Blastline India stays committed to the core values of excellence and customer satisfaction and endeavors to add to the product line-up with better precision and productivity in the years ahead.

Company Profile

Blastline India - Corporate Office



Blastline India Pvt Ltd is an acknowledged leader in the supply of systems for the surface preparation, protective coating and corrosion control industry. Founded over a decade ago, the company has grown into a conglomerate consisting of factories, in-house manufacturing R&D facilities,

a publishing house, an advanced training facility for Industrial Quality Control and a vast network of branches and dealers.

Corporate Office - Cochin Branches - Chennai, Thoothukudi

Blastline Institute

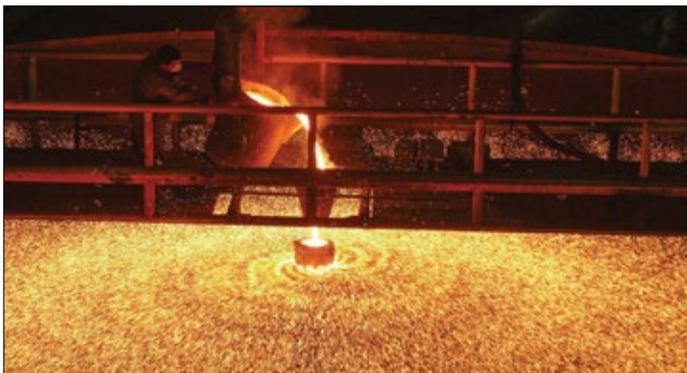


The Blastline Institute of Surface Preparation and Painting (BISP), was originally established in 2006 to mould professionals in industrial grade anti-corrosion applications. However, its gamut of training programs was later expand to include International Grading programs in Welding and

Coating Inspection as well as Certification programs I Non-Destructive Testing (NDT).

Location: Elamakkara, Kochi

Abrasive Manufacturing



We offer an array of options when it comes to abrasives to cater to any and all surface characteristics and profile depths the market is looking for. We have abrasive manufacturing and processing facilities for:

Steel shots, steel grit, garnet, crushed glass grit, coal slag and copper slag located in various parts of India and the Middle East.

Jolly Industries



Jolly Industries is an ISO and ASME certified company renowned for manufacturing and fabricating high quality pressure vessels such blast machines, air receivers as well as self-contained blast room and paint booth facilities to serve the needs of the anti-corrosion and protective coating industry .



Jolly Industries is comprised of 3 units:
Unit 1 - Mundor, Thrissur
Unit 2 - Karukutty, Angamaly
Unit 3 - INKEL, Angamaly

JollyFlex



Jollyflex specializes in the manufacture of heavy duty industrial rubber hoses, customized hoses and related accessories such as washers, gaskets and other rubber molded items. We own state-of-the-art production facilities and strive to meet the highest international specifications and standards



achievable in the industry. Our plant is one of a kind in India for its use of rigid mandrel methodology to manufacture long length rubber hoses.

Location: Perumbavoor, Kochi

Specialised Coating Services



Specialised Coating Services is a subsidiary of Blastline India Pvt Ltd, an acknowledged leader in the surface preparation, protective coatings and corrosion control industry. The company functions as a one-stop shop for all your blasting and coating needs by providing everything from abrasives



to blast machines, after coolers, airless spray equipment and all the necessary accessories, hoses and instruments.

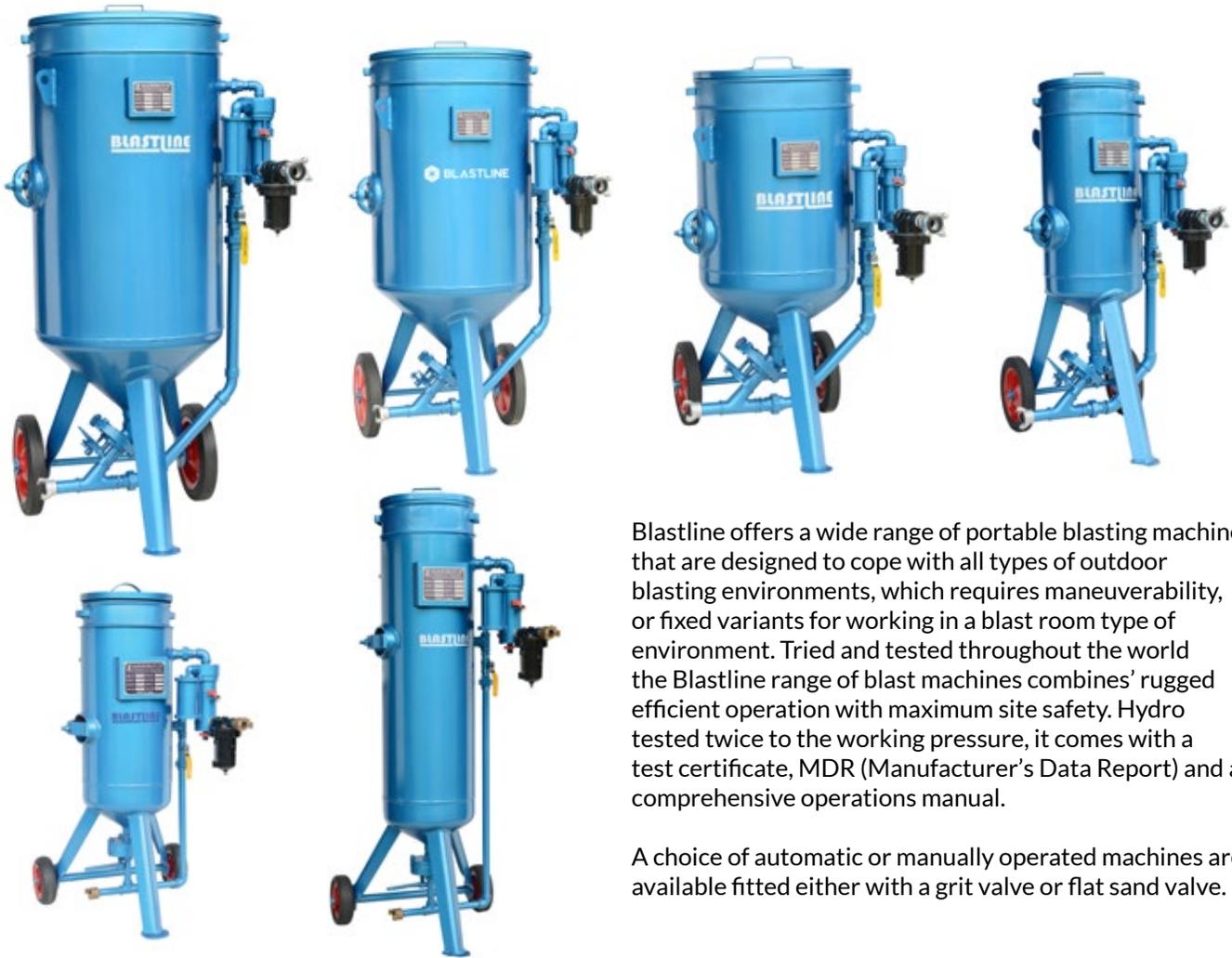
Location: Edayar, Kochi

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Portable Abrasive Blast Machines



Blastline offers a wide range of portable blasting machines that are designed to cope with all types of outdoor blasting environments, which requires maneuverability, or fixed variants for working in a blast room type of environment. Tried and tested throughout the world the Blastline range of blast machines combines' rugged efficient operation with maximum site safety. Hydro tested twice to the working pressure, it comes with a test certificate, MDR (Manufacturer's Data Report) and a comprehensive operations manual.

A choice of automatic or manually operated machines are available fitted either with a grit valve or flat sand valve.

Specifications

Model Number	Capacity (Liters)	Height (mm)	Diameter (mm)	Description
BL1080	20	711	254	Ideal for remedial work, glass etching and general maintenance where easy mobility is required. Blast time of approx. 10-15 minutes.
BL1090	30	1143	276	Ideal for smaller jobs where easy portability is required. Blast time of approx. 15-20 minutes.
BL14160	50	1061	357	Ideal for small to medium contractors where mobility yet high production is required. Blast time of approx. 25-30 minutes.
BL20300	100	1061	508	Ideal for medium contractors. Blast time of approx. 35-40 minutes.
BL24650	200	1346	610	Ideal for the professional contractor for shipyards, oil refineries, gas and heavy fabrication industries. Blast time of approx. 45-50 minutes.
BL24800	300	1575	610	Ideal for continuous production, maximum output, minimum downtime between abrasive refilling. Blast time of approx. 60-75 minutes.

ASME 'U' Certified Abrasive Blast Machines



Blastline Abrasive Blast Machines are fabricated by Jolly Industries in accordance with ASME pressure vessel code Section VIII to a working pressure of 150 psi.

- A 45° conical bottom for better abrasive flow.
- Ranges of abrasive metering valves available.

- A well designed concave head with automatic pop up valve which helps to reload abrasives in less time.
- Large semi pneumatic tires are ideal for maneuvering the abrasive blasting pot around the work site.

Specifications

Model Type (Abrasive Capacity)	20L	50L	100L	200L	300L
Machine Diameter	276mm	376mm	526mm	632mm	632mm
Machine Height	865mm	1269mm	1198mm	1429mm	1572mm
Machine Weight	63kg	82kg	103kg	143kg	156kg
Wheel Diameter	150mm (6")	300mm (12")	300mm (12")	400mm (16")	400mm (16")
Working Pressure	1.12 MPa (162 PSI)				
Hydrostatic Test Pressure	1.724 MPa (250 PSI)				
Cone Angle	40				
Fabrication Standard	ASME SEC. VIII DIV. 1				

ASME 'U' Certified Air Receivers



Compressed air receiver is an essential part of every compressed air system. Blastline India's ASME 'U' Certified High Volume Moisture Separator/Receiver Tank acts as a buffer and a storage medium between the compressor and the consumption system. Its purpose is to reduce excessive compressor cycling, collect condensate and water in the air after the compressor, reduce dew point and temperature spikes and eliminate pulsations from discharge line.

Custom made pressure vessels can include a diverse range of:

- Sizes and volumes
- Horizontal or vertical designs
- High or low pressure ratings

All our air receiver's stage inspection activities are cleared and Manufacturer's Data Report, hydro tested at 250psi, is approved by AIA (Authorized Inspection Agency).

Specifications

Model	100L	250L	1000L
Diameter	508mm	508mm	912mm
Height	946mm	1556mm	2190mm
Weight	90kg	131kg	300kg
No. of Outlet(s)	4	3	6
Safe Working Pressure	1.03 MPa (150 PSI)	1.379 MPa (200 PSI)	1.0 MPa (145 PSI)
Hydrostatic Test Pressure	1.724 MPa (250 PSI)	1.793 MPa (260 PSI)	1.5 MPa (218 PSI)
Fabrication Standard	ASME SEC. VIII DIV. 1	ASME SEC. VIII DIV. 1	ASME SEC. VIII DIV. 1

Blast Machine - 300 & 500 Ltr

300 Ltr



500 Ltr



300 Ltr Double Chamber



300 & 500 Ltr Single Chamber

These stationary models are suitable for industrial use in blast rooms or for other applications requiring a large volume, yet economical, blast machine. Stationary machines adapt to fixed sites or to custom truck mounted systems.

300 Ltr Double Chamber

Dual blast chambers permit continuous blasting. The 300 liter machine can be equipped with single or twin outlets allowing two operators to work without interruption.

In order to avoid frequent and time-consuming filling periods a system of a double-chamber blasting pot has been developed ensuring a permanent provision of the blasting unit with abrasive. Two pressure chambers being on top of each other enable continuous filling of the abrasive whereas the upper chamber acts as filling chamber and the bottom one as blasting pot. The volume of each chamber is 150 l. 2 mixing valves can be connected without any problems and by this 2 blasting units can also be connected which can even use jet nozzles with a nozzle diameter of up to 20 mm.

Double-chamber blasting pots can be both manually operated, as well as be delivered with remote control and filling control. In case of manual control an operator has to be present at the silo for operation. This operator has to depressurize the upper chamber by opening the air vent and when the abrasive is filled in the pressurizes it again. If the chamber is under pressure again the pressure-force ratio causes the closing cone of the lower chamber to open automatically and the abrasive flows into the lower chamber. If filling is performed manually there is the risk that the bottom chamber is empty and that the abrasive to be filled in from the top enters the compressed-air flow too late; this would lead to the fact that the blaster at the nozzle only gets compressed air for a short time and no mixture of compressed-air/abrasive. This is avoided at double-chamber automatic pots because the time interval of the filling can be exactly adjusted according to the nozzle size.

Blast Machine - 200 Ltr

BL 24650 Automatic



BL 24650 Manual



The Standard Unit

This is a contractor's machine finished in blue hammerite. The machine is capable of operating continuously at a maximum working pressure of 150 psi. The machine has been hydro tested to 300 psi. It optimizes abrasive consumption/capacity and ease of handling and increases production rate. Simple effective fail safe remote control system, rugged construction long life fabrication, full bore valves and pipework, extra-large inspection port, universal abrasive metering valve are the features of this equipment.

Specifications

Expendable abrasive capacity: 300 kgs., Net weight of machine fitted with a remote control system 180 kgs. Height of machine 53 inches. Diameter of machine is 24 inches. Air inlet pipe size 1¼ inch, air connection size 1½ inch. Approximate rate of production is from 14 to 20 square meters per hour.

Blast System Package

The entire blast system package consists of Blastmachine with FSV metering valve, pneumatic remote control system fitted with deadman handle, moisture separator, screen, cover, 20 m 32 x 8 mm (1 ¼" I.D.) Blast hose coupled with nylon nozzle holder and cast iron quick coupling, 20 m coupled twinline remote control hose, BTSDX 6/50 blast nozzle, air supplied helmet with air control valve, helmet air filter, 20 m breathing air hose 9 mm (3/8") coupled, leather/cotton blast suit and pair of leather gloves.

Blast Machine - 100 Ltr

BL 20300 Automatic



BL 20300 Manual



The Universal Unit

This machine has a low centre of gravity for ease of handling/mobility when used on even ground or uneven terrain. With good abrasive capacity, this machine will blast up to 10 to 18 square metres per hour. Ideal for offshore applications, it combines ease of handling with an adequate size capacity. Simple effective fail safe remote control system, rugged construction fabrication for long life, full bore valves and pipework, extra large inspection port, universal abrasive metering valve, easy abrasive loading facility are the features of this equipment.

Working pressure of 150 psi,
With test pressure of 300 psi,

The above machine is also available in a model with manual operated valve.

Specifications

Expendable abrasive capacity: 150 kgs., Net weight of machine fitted with a remote control system is 140 kgs., Height of machine is 42 inches. Diameter of machine is 20 inches. Air pipe size is 1¼ inch.

Blast System Package

The entire blast system package consists of Blast machine with FSV metering valve, pneumatic remote control system with deadman handle, moisture separator, screen, cover, 20 m 32 x 8 mm (1 ¼" I.D.) Blast hose coupled with nylon nozzle holder and cast iron quick coupling, 20 m coupled twinline remote control hose, BTSDX 6/50 blast nozzle, air supplied helmet with air control valve, helmet air filter, 20 m breathing air hose 9 mm (3/8") coupled, leather/cotton blast suit, pair of leather glove.

Blast Machine - 50 Ltr

BL 14160 Automatic



BL 14160 Manual



The Ultimate Portable

This machine is the smallest contractor unit in our range. Ease of handling, giving reasonable production rate coupled with lower air consumption. This machine combines the advantages of both price and portability. The machine has a rubber to rubber sealing system, fast filling, low weight. Like all other blast machine units its components and spare parts are interchangeable with machines of comparable size. Simple and effective fail safe remote control system, rugged construction giving a longer life to the pressure vessel, full bore air valves and pipework, extra large inspection port, universal abrasive metering valve, very easy abrasive loading facility.

Working pressure of 150 psi,
With hydro-test pressure of 300 psi,

The above machine is also available in a model with manual operated valve.

Specifications

Expendable abrasive capacity: 80 kgs, Net weight of machine fitted with a remote control system 100 kgs., Height of machine is 40 inches. Diameter of machine is 14 inches. Pipe work 1 inch. Air connection 1 inch. Production rate is of approx 12 to 14 square meters per hour.

Blast System Package

Blast machine with FSV metering valve, pneumatic remote control system with deadman handle, moisture separator, screen, cover, 20 m 32 x 8 mm (1 1/4" I.D.) Blast hose coupled with nylon nozzle holder and cast iron quick coupling, 20 m coupled twinline remote control hose, BTSDX 6/50 blast nozzle, air supplied helmet with air control valve, helmet air filter, 20 m breathing air hose 9 mm (3/8") coupled, leather/cotton blast suit and pair of leather gloves.

Blast Machine - 20 LTR & 30 LTR

Mini Blastpot

Smallest of the range holding approximately 25 kgs of expendable abrasive. The machine can be fitted with steel grit valve or flat sand valve. Ideal for remedial work, glass etching and general maintenance. Easily transportable, and has a blast time of approximately 10-15 minutes.

Specification

Machine capacity: 20 litres
 Height: 28 inches
 Diameter: 10 inches
 Wheel size :6 inches
 Pipework: ½ inch N.P.T.



BL 1080 Automatic

BL 1080 Manual

BL 1090 Automatic

Blast System Package

Package Components



Blast machine with FSV metering valve, pneumatic remote control system with deadman handle, moisture separator, screen, cover, 20 m 32 x 8 (1 ¼" I.D.) heavy duty blast hose coupled with nylon nozzle holder and cast iron quick coupling, 20 m coupled twinline remote control hose, BTS-DX 6/50 long venturi blast nozzle with tungsten carbide

liner and aluminium jacket, air supplied helmet with air control valve, model Astro, helmet air filter, 20 m breathing air hose 9 mm (3/8") coupled, leather/cotton blast suit, pair of leather gloves, one pack of helmet outer lens, 10 coupling gaskets, 10 nozzle washers, 2 whip check safety cables and 10 safety pins.

Remote control Valves & Control Handles

Remote Control System RMS

The RMS 100 & RMS 50 is used to control the supply of compressed air to the blast pot and blast hose. The pneumatic remote control system consists of an inlet valve, and outlet valve, a dead man handle and a 'twinline' hose. Upon receiving air supply from the engaged deadman handle the inlet valve instantaneously opens, outlet valve closes, the machine gets pressurized and blasting operation begins. Release of the deadman handle reverses this procedure to depressurize the machine allowing the pop-up valve filling port to open. Reserve supply of abrasive in the concave head or storage hopper then refills the machine.

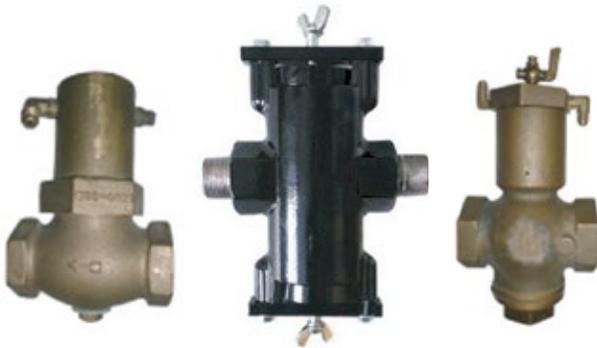
The instant start/stop of a remote control blast machine will effect 20-40% abrasive saving, 50% labour reduction, ensure maximum site safety and an overall increase in rate of production.



Pneumatic Control Valves

Differential pressure style remote controls
Includes the following:

- 1 ½" thread inlet valve
- 1" thread abrasive trap
- 1" thread exhaust valve



Combo Valve - Remote Control

The Combo Valve encompasses both inlet and exhaust valve functions making it easy to install and repair.

- Full-ported, 1 ¼" thread, inlet side



Deadman Handle

This pneumatic control handle is used for remote activation and deactivation of an abrasive blast machine from a larger distance. Moreover it is a personal safety device while handling the blasting equipment.



Abrasive Metering Valves

Flat Abrasive Valve (FSV)

A good quality fine metering valve which fits our machine range. Precise abrasive flow can be easily controlled by two stainless steel discs, one stationary and the other which rotates to any aperture opening. Available in 1¼" and ½" sizes



Micro Valve

The micro valve precisely meters all types of abrasive media.



Straight Valve

A low cost straight through valve with a rubber internal diaphragm with hand wheel adjustment. Available in ½", 1" and 1¼" sizes



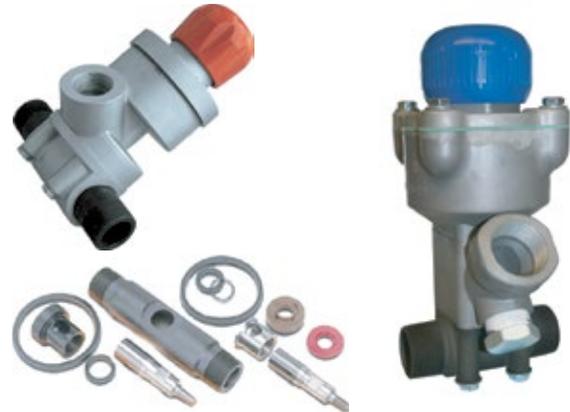
Garnet Valve

Fixed orifice abrasive metering valve specially designed while garnet is used as the abrasive material. A urethane insert within the center of the valve is featured to provide accurate garnet metering and a consistent flow.



BTV Valve

The Thompson Valve, normally closed, self sealing, metering valve that can start and stop aggressive media flow while the vessel remains constantly pressurized. This valve is designed for use with an abrasive cut off switch which allows for blow-down capability and is available with tungsten-carbide sleeves. The tungsten carbide service kits will provide you with a complete inventory of high-wear items.



Steel Grit Valve:

For arduous service suitable for all abrasive media. A full bore valve with rubber sleeve liner to withstand extreme service conditions. For opening or closing the aperture to tune the flow of abrasive, adjustment is made by hand-wheel operation.



2 Tee Piece & Flange

Required for connection of grit valve to blast pot. Produced in quality forged steel providing for greater service life.



Fittings & Spares

Blastline offers a full range of fittings and spares to suit all our equipment. Made from the highest quality materials available and precision engineered to the highest manufacturing standards.



Brass Quick couplings (3/8"),
Tail & Nut and Nipples (1/4" & 3/8")

Black Steel Air Fittings

Heavy duty connection fittings like elbows, sockets, plugs, tees, bushes, nipples, etc. are available in various sizes from 1/2" to 2".



Black Steel Air Fittings

Female thread on both ends with brass body and stainless steel internal seat prevent back-flow of air with abrasive and dust.



Pressure Relief Valves

Air relief safety valves have all brass body construction with stainless steel ball, forming metal to metal valve seal assuring reliable performance and long life. 1/4" NPT male connection. Maximum temperature 300o F. ASME approved.



Pop up valve and shaft, seat, window assembly gasket, FSV gasket



Full Bore Ball Valves

- Multi purpose in-line valve
- Female threaded ports



Mini Ball Valves

Mini ball valves are a lot more than just mini, their applications and design are of maximum value.



Air Pressure Regulators

Ideal for high capacity continuous service. Relieving type regulators are available in sizes from 1/4" to 1", all sizes have two 1/4" gauge ports.



Pressure Gauges

This industrial pressure gauge is designed for fluid medium which does not clog connection or corrode copper alloy and gas processes compatible with cuprous metals of the sensing element and connection. Field include: Pneumatics, hydraulics, Compressors.



Couplings, Nozzle Holders & Washers

A full range of couplings to suit our range of blast hose products. Quick Couplings for fast safe coupling of hoses. All couplings with interconnecting locking lugs adapt to any size and have replaceable gaskets ensuring complete air seal. Available in Brass, Cast Iron and Nylon.

Blast Hose Quick Couplings

CQ1 Fits 35 mm Hose O.D. , CQ2 Fits 48 mm Hose O.D.
CQ3 Fits 55 mm Hose O.D. , CQ4 Fits 60 mm Hose O.D.



Brass
(CQB 1, 2, 3 & 4)



Cast Iron
(CQT 1, 2, 3 & 4)



Aluminum
(CQA 1, 2, 3 & 4)



Nylon
(CQP 1, 2, 3 & 4)

Nozzle-holders

Available in standard 1-1/4" and 50 mm heavy duty threads.



Brass
(NHB 1, 2, 3 & 4)



Aluminum
(NHA 1, 2, 3 & 4)



Nylon
(NHP 1, 2, 3 & 4)

Couplings

Threaded Quick Pot Couplings 1 1/4" F
(CFP, CFB, CFA & CFT)



Gaskets for Blast Couplings



Nozzle Washers



Nozzle-Holder & Couplings (1/2" Blasthose)



Coupling Screws & Safety Clips



Quick Disconnect Nozzle Holders

Nylon, brass and aluminium quick disconnect nozzle holders to allow for easy change of blast nozzles.



Blast Nozzles

Tungsten Carbide Aluminum Jacketed Nozzles

A full range of couplings to suit our range of blast hose products. Quick Couplings for fast safe coupling of hoses. All couplings with interconnecting locking lugs adapt to any size and have replaceable gaskets ensuring complete air seal. Available in Brass, Cast Iron and Nylon.



Tungsten Carbide Polyurethane Jacketed Nozzles

Long Venturi - 1¼" entry, 50 mm thread with excellent durability and wear resistance properties of aluminum jacketed nozzles, the tungsten carbide liner is encased in a soft nylon jacket which absorbs shock, reducing the threat of premature failure from liner damage.



Silicon Carbide Polyurethane Jacketed Nozzles

Long Venturi - 1¼" entry, 50 mm thread The silicon carbide liner in these lightweight nozzles offer improved wear resistance and therefore a longer life than tungsten carbide equivalents. The soft nylon outer jacket absorbs shocks and therefore protects the liner against cracking.



Syclone Nozzles

Long Venturi - 1¼" entry, 50 mm thread. This lightweight nozzle is having a liner made from a special material, which provides twice the service life of equivalent silicon carbide models. It is therefore ideal for use with aggressive abrasives. The soft, one-piece shock-absorbing sleeve reduces the risk of accidental damage and allows easy location and removal from the holder



Tungsten Carbide Short Venturi Aluminum Jacketed Nozzles

1¼" entry, 50 mm thread
The reduced length of these nozzles makes them ideal for areas where access is limited.



Tungsten Carbide Straight Bore Nozzles

For use with smaller blast cleaning machines that use 12 mm blast hose or in hand blast cabinets where greater operating life than ceramic nozzles is required.



Angled Nozzles

These side exit tungsten carbide nozzles are ideal for cleaning inaccessible areas and are available with one, two or three outlets, each in a range of bore sizes. The aluminum jacket protects the liner from ricochet damage. All nozzles are 80 mm long with a 20mm inlet.



Curved Nozzles

Designed to reach in and / or around curved and other profiles where a standard nozzle cannot be used to target abrasive on to a work surface.



Double Venturi Nozzle

This nozzle includes two liners, one in the thread section and another is in the exit. The two parts are fitted together and drilled holes are engineered onto the exit allowing atmospheric air into the downstream segment of the nozzle.



Tungsten Carbide Aluminum Jacketed Stick-Up Nozzles

The ridged aluminum jacket on these nozzles means that they can be located in 32mm ID blast hose and secured in place with a jubilee type clip.



Vapor Abrasive Blast Equipment

Graco EcoQuip 2

The latest in surface blasting equipment would be Graco's EcoQuip 2, the newest technology in vapor abrasive blasting. This equipment precisely injects moist abrasive into the blast stream, which can suppress dust levels up to 92%. This is not to be confused with slurry blasting, which is blasting with slurry of air, water and abrasives that ends up wasting too much water and abrasive and creating a significant pool of contaminated water that is difficult to contain and dispose of.

Vapor blasting instead only uses minimal water (usually around 0.5 to 1.0 qt/min), which can lead to significant savings in abrasive and water consumption. Another exceptional trait of this equipment is the MediaTrak, the equipment's precise media consumption monitoring feature. This feature allows you to not only track, but also control and change the media consumption based on the job at hand.



Which system is Right for You?

Model	EcoQuip 2 EQp	EcoQuip 2 EQm	EcoQuip 2 EQs
Pot Volume	2.0 cu ft	3.5 cu ft	6.5 cu ft
Blast Circuit	5/8 in	1.00 in	1.50 in
Max Compressed Air Flow Rate	300 cfm	500 cfm	900 cfm
Max Blast Pressure	150 psi	175 psi	175 psi
Water Dose	Not included	Not included	Not included
Nozzle supplied with	#5 or #6	#7	#8 High Performance
Dimensions - L x W x H	26.27 x 28.62 x 41.375 in	35.1 x 25.7 x 47.4 in	59.76 x 46.26 x 56 in
Weight - Dry	220 lbs	370 lbs	1070 lbs
Manual	3A4802	3A3489	3A3489

Suction & Wet Blasting Nozzles

Injector Gun E21 with Hose

The latest in surface blasting equipment would be Graco's EcoQuip 2, the newest technology in vapor abrasive blasting. This equipment precisely injects moist abrasive into the blast stream, which can suppress dust levels up to 92%. This is not to be confused with slurry blasting, which is blasting with slurry of air, water and abrasives that ends up wasting too much water and abrasive and creating a significant pool of contaminated water that is difficult to contain and dispose of.



Power Gun

Blast tool designed for dry abrasive blasting where the air supply is limited or the job is small i.e. small containers, corners, and edges. The gun is lightweight and compact.



Suction-Blast Gun with TC Nozzle

This high quality hand gun consists of TC nozzle & front trigger with full-hand grip for operator comfort. It is suitable for light-duty and small touch-up jobs where air supply is limited or where low pressure blasting is necessary to protect delicate parts or soft surfaces.



Conserve unit

Blastline conserve unit is ideally suitable for small jobs. The unit includes portable hopper with 10 ft air hose, 10 ft material hose, screen and gun. With the metering device of the hopper the right amount of abrasive can be set.



Needle & Chisel Scalers

Pneumatic Needle scalers provide a thorough and effective method of removing rust, coatings, and other accumulated materials. Chisel scalers are used to grind and shape during surface preparation.



Injector Gun E21 with Hose

The Eductomatic is a portable lightweight dust free blasting machine very suitable for fast cleaning of inaccessible areas with ordinary blast equipment.



Gravity Feed Portable Blast Gun

Top-mounted gravity fed hopper is perfect for spot rust removal. Fully adjustable media flow valve gives you precise control. Light-weight design for extended use.



Water Ring Wet Blasting Attachment

Reduces dust during blast cleaning. Fits over the end of standard blast nozzle. Connects to low pressure water supply.



Water Spray Wet Blasting Attachment

The Blastline KB-50 Wet Blast attachment is utilized to inject water supply directly into the blasting air stream, immediately prior to the blast nozzle, to reduce dust levels generated by the blasting process.



Water Injection Wet Blasting Attachment

Injection Head screws between nozzle and holder. Injects water internally into the abrasive air stream. Unit includes water flow needle valve.



Blast Cabinets

Blastline India offers a wide range of economical suction and pressure blasting cabinets. All cabins are suitable for all abrasives and universally applicable for: cleaning, polishing, derusting, descaling, hardening etc. All cabinets use standard suction feed method.



Suction Type Blasting Machine

Specifications:
Work Cabinet Size: 900 x 800 x 700mm
Capable of maximum workpiece size: 50cm
Voltage: 50Hz



Suction Type Blasting Machine

Features sand blaster and dust collector
Specifications:
Work Cabinet Size: 900 x 800 x 750mm
Voltage: 50Hz



Pressure Blasting Machine

Specifications:
Work Cabinet Size: 900 x 800 x 700mm
Pressure Tank: 30kg



Work Cabinet Size: 900 x 800 x 750mm

Bristle Blaster



Bristle Blaster Pneumatic - Single Belt



Bristle Blaster Cordless



Bristle Blaster Electric - Single Belt



Bristle Blaster Electric - Double Belt

Bristle Blasting is a new process that uses a rotary bristle tool for achieving both corrosion removal and an anchor profile. The bristle tips are designed to strike the corroded surface with kinetic energy that is equivalent to standard processes that use grit blast media. Immediately after the bristle tips strike the surface, they retract from the surface, which results in both corrosion removal and micro-indentation that exposes fresh surface. Consequently, surfaces that have been treated by Bristle Blasting have a texture and visual cleanliness that mimics those obtained by traditional

Advantages

- Visual cleanliness as achieved by grit blasting (near-white metal/SA 2 ½"/ SSPC-SP 10)
- Roughness capability from 40-120 um Rz
- Hand held power tool, easy to operate and to transport
- No complex equipment, machinery or work preparation required – only compressed air or electric power supply

- ATEX approval for use in Zone 1 for Bristle Blaster Pneumatic
- Grit-free process – no additional waste production
- No need for containment, no reprocessing or disposal of used grit media
- Ideal for spot-repairs and touch-up work



Bristle Blaster Pneumatic

Technical data	
Weight	1.1 Kg
Threaded air inlet	Rp 1/4"
Required hose diameter (Interior)	9.5mm (3/8")
Idle speed	3,500 rpm
Required flow pressure	6.2 bar (90psi)
Average air consumption	17.5 cfm
Vibration	2 m/sec ²

Bristle Blaster Electric

Technical data	Single Belt	Double Belt
Weight	2.2 Kg	2.9 Kg
Output	700W	910W
Voltage	230V	240V
	120V	110V
Idle speed	3200 RPM	2300 RPM
Vibration	2.8 m/sec ²	4 m/sec ²
Sound pressure level	83 dB (A)	< 80 dB (A)

Blast Hoses

Blastline supplies long-lasting heavy-duty super blast hose exceptionally tough and abrasion resistant, for use in grit, garnet and sand blasting. It is manufactured with anti-static rubber granting a complete discharge of static electricity.

Abrasion Resistance : 50±5mm³ (DIN ISO 4649:2006)
 Temperature Range : -40°C to + 70°C
 Reinforcement : high strength synthetic cord
 Cover : black, smooth (wrapped finish)
 Coils : 20, 40 or 60mtr rolls



2-Ply Blast Hoses

I.D.		O.D.		Working Pressure		Burst Pressure		Nominal Weight
mm	inch	mm	inch	bar	psi	bar	psi	kg/m
13	1/2	27	1 1/16	12	175	36	530	0.49
19	3/4	33	1 5/16	12	175	36	530	0.61
25	1	40	1 9/16	12	175	36	530	0.84
32	1 1/4	48	1 57/94	12	175	36	530	1.06
38	1 1/2	54	2 1/8	12	175	36	530	1.22
51	2	71	2 13/16	12	175	36	530	2.11

4-Ply Blast Hoses

13	1/2	33	1 3/100	15	225	45	650	0.83
19	3/4	40	1 51/100	15	225	45	650	1.04
25	1	48	1 22/55	15	225	45	650	1.44
32	1 1/4	54	1 3/25	15	225	45	650	1.88
38	1 1/2	60	2 9/25	15	225	45	650	2.01
50	2	74	2 3/10	15	225	45	650	2.70

Hypodermic Pressure Gauge

Blastline Hypodermic Pressure Gauge measures the air pressure in abrasive blast hose at or near the nozzle



Blotter Paper

Blotter paper determines the presence of oil or water in compressed air that is used for abrasive blast cleaning and coating applications.



Blast Hose Safety Cables

Safety whip restraint blast hoses – in case couplings accidentally disconnect during blast operation. Can also be used for air hoses.



Pressure Blast Analyzer Gauge

Portable hand held gauge for measuring the orifice size (inches) and air consumption (CFM @ 100 psi) of an abrasive blasting nozzle.



Heavy Duty Air Hose

Air is expensive to produce

When it comes to conveying air to the workplace consider quality air lines for Safety, Economy and Longer Service Life. Failures can prove costly in down time. We have a wide range available and outlined some on this page.

Construction

Temperature Range: -35°C to +70°C.

Tube: black, smooth synthetic rubber, oil mist resistant,

Reinforcement: high strength synthetic cord,

Cover: black, smooth (wrapped finish) long lasting synthetic rubber, weather and abrasion resistant.

A general purpose air hose mandrel built and engineered for medium to heavy-duty applications. It's strong yet flexible construction guarantees a long life and easy handling.



Size Range		Working Pressure		Burst Pressure		Average Weight	Max. Length	Color Cover
I.D.	O.D.	Bar	psi	Bar	psi	Kg/meter	Meters	
6 mm	13 mm	20	300	60	900	0.16	120	Red/Black
10 mm	18 mm	20	300	60	900	0.27	120	Red/Black
13 mm	23 mm	12	300	60	900	0.41	180	Yellow
19 mm	29 mm	20	175	50	700	0.55	80	Black
19 mm	33 mm	20	300	60	900	0.80	61	Yellow
25 mm	38 mm	20	300	60	900	1.00	61	Yellow
32 mm	48 mm	20	300	60	900	1.50	61	Yellow
38 mm	54 mm	20	300	60	900	1.70	61	Yellow
51 mm	70 mm	25	300	75	1080	2.50	61	Yellow

Whip Check Safety Cables

Safety cables should be used on all blast hose and air hose connections to reduce the danger caused by hose coupling failure. Safety cables are available from Blastline in two sizes: (1/8" cable x 20" long, 1/4" cable x 38" long) Designed for 1/2" to 1 1/4" OD hose and for 1 1/2" to 3" OD hose.



Nylon Whip-checks

Whip Check Safety Cables

Twinline Hose 1/4" x 1/4" x 20 m and 40 m coupled with tail and nut.



Whip Check Safety Cables

Breathing Air Hose 3/8" Rubber x 20 m and 40m coupled with brass quick couplings.



Universal Air Couplings

- Oil Resistant Washers
- Precise Casting
- Superior Sealing Action
- Complete Interchangeability



			Size	Malleable Iron Part No.	
Hose End			3/8"	HE 038	
			1/2"	HE 050	
			3/4"	HE 075	
			1"	HE 100	
Male End (NPT)			1/4"	ME 025	
			3/8"	ME 038	
			1/2"	ME 050	
			3/4"	ME 075	
			1"	ME 100	
Female End (NPT)			1/4"	FE 025	
			3/8"	FE 038	
			1/2"	FE 050	
			3/4"	FE 075	
			1"	FE 100	
Universal (Crowfoot) Coupling 4 Lug	Malleable Iron Hose End (Plated)		Size	Part No.	
				11/4"	HE 125
				11/2"	HE 150
	Malleable Iron Male End-NPT			11/4"	ME 125
				11/2"	ME 150
				2"	ME 200
	Malleable Iron Female End-NPT			11/4"	FE 125
				11/2"	FE 150
				2"	FE 200

Coupling with Female spud Size: 11/4", 11/2", 2"



3-way connector Malleable Iron Plated



Universal Gasket for 2 & 4 Leg Couplings.



Interlocking Clamps & Hose Menders

		Hose I.D.	Bolt	Part No.	Hose O.D. Range
Double Bolt Clamp Plated Cast Iron		1/2"	2	SL 29	22-29 mm
		3/4"	2	SL 34	28-34 mm
		1"	2	SL 40	32-40 mm
		1 1/4"	2	SL 49	39-49 mm
Double Bolt Clamps with Safety Claws		1 1/2"	2	SL 60	48-60 mm
		2"	2	SL 76	60-76 mm
		2 1/2"	2	SL 94	77-94 mm
Heavy Duty 2-Bolt Type		1/2"	2	2BC 050	15/16 - 11/16 inch
		3/4"	2	2BC 075	13/16 - 15/16 inch
		1"	2	2BC 100	117/32 - 123/25 inch
Heavy Duty 4-Bolt Type		1"	4	4BC 100	117/32 - 1 23/32 inch
		1 1/4"	4	4BC 125	2 1/8 - 2 3/8 inch
		1 1/2"	4	4BC 150	2 3/16 - 2 3/8 inch
		2"	4	4BC 200	2 1/2 - 225/32 inch
Brass Hose Menders		Hose ID - 4mm, 6 mm, 8mm, 9mm, 10mm,13mm			
Steel Hose Menders		Hose ID - 10mm,13mm,19mm, 25mm, 32mm, 38mm			
Male Thread Stems		Hose ID - 6 mm, 8mm, 10mm,13mm, 19mm, 25mm			

Crimp Clamps



Center Punch Clamps



Small Hose Clamps/ Hose Clips with cross-slot hex head



Brass Quick-Disconnect Couplings

Coupler with male NPT 	NPT Size	Part No.
	1/4	2751
	3/8	2752
	1/2	2753
Coupler with female NPT 	NPT Size	Part No.
	1/4	2701
	3/8	2702
	1/2	2703
Coupler with hose end 	Hose Size	Part No.
	1/4	2761
	3/8	2765
	1/2	2763
Plug with male NPT 	NPT Size	Part No.
	1/8	2820
	1/4	2821
	3/8	2822
	1/2	2823
Plug with female NPT 	NPT Size	Part No.
	1/8	2810
	1/4	2811
	3/8	2812
	1/2	2813
Plug with hose end 	Hose Size	Part No.
	1/8	2771
	1/4	2774
	3/8	2775
	1/2	2773
Three-way Distributors complete with quick connecting couplings 	Four-way Distributors all equipped with quick connecting couplings 	

Airline Filters & Co Monitors

Portable CO Monitoring

This unit is designed to monitor breathing air for Carbon Monoxide contamination from a compressed air source. The audible alarm (90dBA) and light will activate when the CO level exceeds 10ppm. External alarm and lights allow for the unit to be used in closed position and eliminates damage and contamination of the internal components. The unit can be wall mounted or carried as a portable unit.

Specifications

Operates on 9-volt batteries, 8 -16V DC, and/or 115V AC Connector kit includes 1/4" Industrial Interchange coupling supplied on 5ft. Hose. Standard alarm jack allows connection to remote alarm devices. Standard version allows air pressures up to 150 psi. Available in high pressure version up to 6000 psi for fill compressors. Optional high intensity alarm. Available in CSA approved. Intrinsically safe version, 9V DC only.



CO91-14LAC Portable CO Monitor

RPB® GX4™ Gas Monitor

The RPB® GX4™ is an intelligent gas monitor that has the ability to detect up to 4 gases simultaneously, giving you assurance that the air you and your employees are breathing is safe.



Airline filters



Airline filters can be used in conjunction with other compressor safeguards to supply cleaner air to supplied air-respirators. Air filters reduce pollutants in respirator air supplied to workers. These filters remove mists, water vapors and particulates from air supplied by compressor.

Replacement Filter Cartridge

The large capacity 6 stage filter cartridge removes moisture and particulates 0 to 0.5 micron and odor from the compressed air stream, providing you with clean breathable air. Cartridges have to be replaced every three months when used for 40 hours per week.



Air Control Valve



Cool Air Tube

Cools incoming air from compressed breathing air sources by as much as 17oC. It helps to maintain worker's comfort and maximize productivity while working in extremely hot and humid environments.

Features : Adjustable airflow control valve.

Portable Grade-D Breather Box

Breather Box® High Performance Portable Grade-D Breathing Air Filtration System

The Breather Box is a portable Grade-D filtration system designed to provide breathing air for a specific number of workers. The system filters incoming air from a compressor to provide respirator users with Grade-D quality air and monitors for CO and/or Oxygen. The first stage element filters bulk water and particulate and has an auto drain. The second stage coalescing filter eliminates atomized oil, mists, ultra fine particulates, and has an auto drain. The third stage filter removes organic vapors and odors and has a manual drain. Filter change indicators are standard on all three stages of filtration. Filtration efficiency is 99.99% @ .01 micron. All Breather boxes are designed to be used in the upright and closed position to prevent internal contamination. The standard Carbon Monoxide (CO) airline monitor operates on disposable 9 volt batteries, 8-16 volt DC, or 115V AC for continuous air monitoring. An external audible alarm and light signals the workers above high CO content. A remote alarm jack is provided on all models except for Model BB15-CO. Point-Of -Attachment (POA) boxes can extend respirator usage beyond 300 feet

Available Models

- BB30-CO2
- BB30-CO3
- BB50-CO4
- BB100-CO8



Portable Breathing Air Compressors

The Twin-Air Compressor System is designed to provide Grade-D breathing air to 3 workers wearing pressure demand respirators. The TA-3 has twin ASME receiver tanks that act as the mounting frame for the compressor. The use of the receiver tanks provides air that has been cooled to within 10 degrees of the ambient temperature.



Blast-Air™ Cart Designed for the Commercial Sandblasting, Paint And Coatings Industry.

The Blast-Air Cart has been designed to meet the demanding needs of the sandblast and coatings industry. The Blast-Air 50 pictured is our standard 4 worker Breather Box mounted on a BA-1 CAA pre-filter cart. Air can be supplied to the cart from mobile or plant air compressors and pre-filtered through high capacity water, oil, and particulate separators located on the rear of the rugged steel cart. These pre-filters automatically drain large amounts of oil and water discharged from a compressor before it enters the Breather Box. This process will extend the filter life of the Breather Box and reduce maintenance down - time and costs.



Air Supplied Blasting Helmet & Half Face Masks

RPB® Astro

The Astro is the primary choice for economical abrasive blasting helmet which meets safety standards worldwide including Australia, Europe and USA. Astro is designed as a lightweight, robust helmet to help reduce fatigue, reduce downtime replacing parts and increase your productivity.



GVS Elipse A1P3 Integra

Compact, lightweight and flexible design which adapts and fits perfectly to the face and offers a unique and innovative combined protection, reducing risks of non-compatibility, non-conformity and mist build-up. Large central non-return exhalation valve which reduces the breathing resistance for the user and keeps moisture build-up inside the mask to a minimum.



Clemco® Apollo 60 Air Respirator

The blast industry's most popular and comfortable respirator, the Apollo 60 features double-shell construction, sound-deadening foam, and large window. The Apollo 60 is NIOSH-approved, and protects against lead dust at concentrations 1000 times greater than the permissible exposure limit.



GVS Elipse A1P3 Half Mask

Compact, lightweight and flexible design which adapts and fits perfectly to the face and offers a full range of visibility without interfering with other eye or ear protections which users choose to wear.



Cartridge filters with lower breathing resistance, increase in gas performance and greater duration of use.

Helmet Replacement Lenses



RPB® Nova 1

The RPB® Nova 1™ has all the same design features of the Nova 2000™ that improve operator comfort and boost employees' performance, the only difference is that it has a large flat lens.



RPB® Nova 3

The RPB® Nova 3® is an advance on the RPB® Nova 2000™ in comfort and functionality. It can be customized to suit individual needs, further enhancing employees' performance. Unbreakable/ durable /super protective shell. High pressure injection molded from engineering grade nylon.



Operator Protection

Respirator

Half Mask respirator single or double cartridge, with soft durable pliable rubber face piece, durable elastic head bands, deep chin cup for a roomy comfortable seal and easy exhaling.



Head Sock

Spray head socks are comfortable, elastic-stretch fabric. Conforms to head contours. Close fitting design.



Leather Blast Suit

Leather suits are of use in harsh blasting application when using ferrous abrasives such as steel grit, shot and are ideal for cold weather environments. Available in medium, large, X large sizes.



Blasting Gloves

Leather, red-pair, blast gloves is an everyday necessity in the industry. Blastline brand leather gloves are crafted of rugged leather for strength and protection, and lined with a soft sock liner.



Latex Gloves



Disposable Overalls

Disposable footwear that keep shoes clean to prevent paint from being tracked outside the painting area.



Over Spray Foot Covers

Breathable fabric. Includes hood, elastic cuffs and face band.



Painting Hood Junior B

The Junior B air hood is build using a very flexible lightweight polyurethane cape which covers the head and shoulders. Disposable visors, fitted over the hoods main visor, protects the visor against damage and/or splashes. The head band is equipped with an exchangeable sweat band and can be adjusted in width and height, for maximum comfort.



3M™ Ultimate FX Full Facepiece Reusable Respirator FF-400

Scotchgard™ Protector – Facepiece Lens, Paint and stain-resistant lens, 3M's exclusive Scotchgard™ Protector causes some liquids and paints to bead up on the surface so they can be wiped off easily. Helps the lens stay clearer during many spray applications, which allows the worker to spray longer and can enhance productivity



Quick Lens Change Safety Goggle

Scotchgard™ Protector – Facepiece Lens, Paint and stain-resistant lens, 3M's exclusive Scotchgard™ Protector causes some liquids and paints to bead up on the surface so they can be wiped off easily. Helps the lens stay clearer during many spray applications, which allows the worker to spray longer and can enhance productivity



RPB® Z-LINK

From welding and grinding to chemical handling, the Z-Link® serves the widest spectrum of industries and applications on the market. This is more than a product. It's a system. Engineered to advance your safety. Designed to increase your productivity.



Air Preparation

General Purpose Airline Filter (1½" - 2")

General purpose filters are used in compressed air systems to remove liquids and solid particles from the compressed air. It is especially suited for installations that require large flow capacity. Standard filter features with 50 micron sintered bronze element and manual drain.



Coalescing Oil Removal Filter

High efficiency coalescing oil removal filter removes water and oil aerosol to 0.01 mg/m³ (0.01 ppm) and particles down to 0.01 microns.



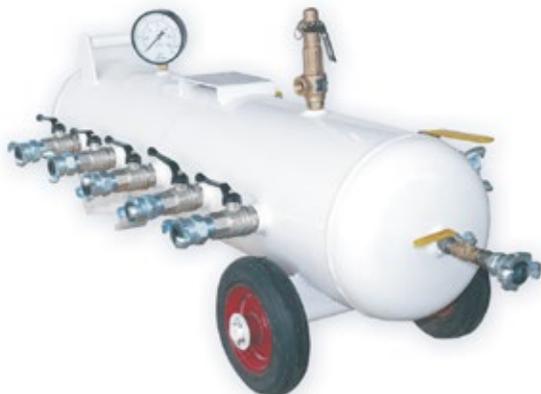
Filter packages

Custom filter packages include coalescing type oil removal filters, oil vapor removal filters, separator/filters, airline filters and any



Tank-type Air Receiver Manifolds

Air Manifolds provide multiple air outlets with ball valve controls from a larger (2") air inlet. Includes unit ball valve control outlets, (2") air inlet with four-jaw couplings, pressure relief valve, pressure gauge and drain valve.. Other types and sizes of air manifolds are also available. These tanks eliminate pulsations in the discharge line and also act as storage capacity for intervals when demand exceeds compressor capacity.



Moisture Separator

For heavy duty application with minimum pressure drop requirements, installs at blast machine inlet, supplied with 40 micron polypropylene or brass element with manual drain. Female threaded ports from ½", 1", 1¼" and 1½".



Safety Relief Valve

A spring adjusted Valve to be set at the minimum allowed pressure of the air receives. As soon as the pressure will rise over the set safety pressure, the safety valve will be activated releasing compressed air until the set maximum pressure is reach again.



High Volume Moisture Separator /Receiver Tank

A spring adjusted Valve to be set at the minimum allowed pressure of the air receives. As soon as the pressure will rise over the set safety pressure, the safety valve will be activated releasing compressed air until the set maximum pressure is reach again.



Airless Sprayer - Graco King

Graco King

Graco's KING is the latest product offering in high-pressure airless sprayers for high-volume protective coatings. The King's design features ensure superior performance, no matter how harsh the job's environment is. The King simply rules in all conditions.

It can handle a plethora of materials such as epoxy coatings, urethanes, zinc-rich primers, polyurethane coatings, 100% solid coatings, single component protective coatings, roof coatings, high solids coatings etc. Its various capabilities can best be utilized for applications such as ship building and marine, bridge protective coatings, rail-car manufacturing and repair and pipe and tank coatings to name a few.

What makes the King unique compared to the other high-pressure airless sprayers are the various components that have been redesigned to make maintenance easier without compromising on efficiency and performance. The new air motor, for example, has 50% less parts than the Graco NXT valve, making the ease of maintenance drastically higher. Any motor issue can be quickly resolved in-house with simple repair methods. This new air motor also allows for the use of multiple guns with almost no perceivable pulsation. A new manifold has been designed to simplify the installation of multiple guns.

The air valve has also been redesigned with more than 145% higher exhaust capacity. This leads to a faster, smoother changeover. The new suction hose design ensures maximum intake rates. The King has various settings with over 10 different ratios available to find the right sprayer pressure to meet the flow requirements for your application.



Throat Seal Liquid

Motor Package	XL 3400 Motor		XL 6500 Motor					XL 10000 Motor		
King Sprayer Model	XL30-220	XL40-180	XL45-290	XL50-250	XL60-220	XL70-180	XL90-145	XL45-430	XL 70-290	XL80-250
Output per Cycle	220cc	180cc	290cc	250cc	220cc	180cc	145cc	430cc	290cc	250cc
Max Working Pressure, Bar	217	262	313	359	417	500	500	331	500	500
Max Air input Pressure, Bar	7	7	7	7	7	7	5.5	7	7	6
Output at 60 cycles/min lpm	12.9	11	17	15.2	12.9	11	8.7	25.4	17.4	15.1

Airless Sprayers

Graco Contractor King



Why Contractor King ?

- Durable, compact design offering extreme mobility and one-person loading
- 85+ lbs lighter and up to 45% smaller footprint than comparable sprayers in its class
- Balanced frame design for effortless jobsite maneuvering and easy loading/unloading
- Lower acquisition cost
- No frills design – just the essentials to get the job done
- Endurance™ pump with QuickChange™ design for fastest pump removal and easy “on-the-job” maintenance
- Included in Endurance Advantage Program!
- Utilize SAME repair kits as King for convenience
- Proven XL air motor
- Heavy-duty flat-proof tires require no maintenance – ever!
- Perfect solution for Contractors who require mobility – without sacrificing performance
- Available “ready-to-spray” packages feature 150’ pressure rated hose, gun, fittings and tips offer ultimate convenience and value

Specifications (70:1)

Max Working Pressure, psi (bar): 7250 (500)
 Max Output @ 60 cpm, gpm (lpm): 2.9 (11)
 Max Air Input Pressure, psi (bar): 100 (7)
 Lower Size (output per cycle): 180cc

Graco XP Plural-Component



There are various benefits when you switch from hand-mixing to a plural component machine, like Graco's XP line of sprayers.

With Graco's XP, you reduce waste and save money because you only mix as much material as you need. Only the parts that come in contact with mixed material must be cleaned during the job - only the static mix tube and hose to the gun needs to be flushed out.

The XP range of products runs right out of the box with fast set-up time.

The Graco XP-hf is designed with more flow capacity making it ideal for high output applications such as railcars, tank linings, marine coatings, and much more. This system combines the popular XP Sprayers with the powerful XL 10000 air motor, giving you 60% more flow than XP Sprayers.

Which System is Right For You?

Series	XP	
Model	XP50	XP70
Motor Size (cc)	XL6500	XL6500
Max Fluid Pressure	345 bar	500 bar
Flow Rate at 40 cpm	11.4 lpm	7.6 lpm
Standard Mix Ratios	1:1, 1.5:1, 2:1, 2.5:1, 3:1, 4:1	1:1, 1.5:1, 2:1, 2.5:1, 3:1, 4:1
Demand/Duty Cycle	Medium	
Manual	3A0420	

Small Electric Airless Sprayers

Typical Applications

The Ultra Max II series has variants from small to large packages. The compact and light-weight electric airless sprayers are ideal for residential contractors spraying interior and exterior home construction, remodels and property maintenance, infrastructure painting and steel fabrication painting.

Materials

- Lacquers and Stains
- Interior/Exterior Latex
- Waterproofing
- Enamels
- Acrylics
- Oil/Water based Primers
- Low Solid Epoxies/Urethanes (50%)



390 PC Stand



490 PC Pro Stand



495 PC Pro Stand



595 PC Pro HiBoy

Description	Part Number	Max. Tip Size	Max. lpm	Horsepower	Weight(kg)	Power Requirement	Max. psi/bar
390PC Stand **	17C386	0.021	2.0	5/8	13.6	3000W	3300/227
395PC Stand **	17C390	0.021	2.0	7/8	19	3000W	3300/227
490PC Stand FEP **	17C394	0.023	2.0	1	15	3000W	3300/227
490PC Pro Stand ***	17C395	0.023	2.0	1	15.6	3000W	3300/227
495PC Pro Stand ***	17C398	0.025	2.3	1.2	19	3000W	3300/227
495PC Pro LoBoy ***	17C401	0.025	2.3	1.2	26	3000W	3300/227
495PC Pro HiBoy ***	17C402	0.025	2.3	1.2	25	3000W	3300/227
595PC Pro LoBoy ***	17C403	0.027	2.6	1.6	33	3000W	3300/227
595PC Pro HiBoy ***	17C404	0.027	2.6	1.6	31	3000W	3300/227
GX19 Stand	17H214	0.019	1.4	7/8	11.3	3500W	3000/207
GX19 Hopper	17H223	0.019	1.4	7/8	12.1	3500W	3000/207

* Comes complete with: SG3 Gun, RAC IV 515 SwitchTip & Guard, 1/4 in x 25 ft (6.4mm x 7.5m), Duraflex Airless Hose

** Comes complete with: FTX Gun, RAC X517 Tip and Guard, 1/4 in x 50 ft (6.4mm x 15.2m) 3300 psi Hose

*** Comes complete with: Contractor Gun, RAC X517 Tip

and Guard, 1/4 in x 50 ft (6.4mm x 15.2 m) 3300 psi Hose, Connection of up to 100 ft (30m) Hoses

Large Electric Airless Sprayers

Typical Applications

The Ultra Max II range 695 to 1095 are specially designed for commercial contractors and professional painters with high output demands in applications for interior/exterior residential, new construction, property maintenance, Heavy commercial Infrastructure & Steel Fabrication painting.

Materials

- Interior
- Exterior Latex
- Waterproofing
- Acrylics
- Oil-based Primers
- Epoxies/Polyurethanes (80% solids)
- Fireproofing



995 PC Pro Hiboy



1095 Standard



Express Mark IV

Description	Part Number	Max. Tip Size			Max. Flow	Horse power	Power Requirement	Max. Pressure psi/bar
		1 gun	2 guns	3 guns				
UltraMax II 695 Standard **	16X660	.031	.023	-	3.6	2	5000W	3300/227
UltraMax II 695 Standard Lo Boy	16X812	.031	.023	-	3.6	2	5000W	3300/227
UltraMax II 695 ProContractor ***	16Y639	.031	.023	-	3.6	2	5000W	3300/227
UltraMax II 795 Hi-Boy Standard**	16X870 / 873	.033	.025	.019	4.1	2.2	5000W	3300/227
UltraMax II 795 Standard LoBoy **	16X813	.033	.025	.019	4.1	2.4	5000W	3300/227
UltraMax II 795 ProContractor ***	16Y895	.033	.025	.019	4.1	2.4	5000W	3300/227
UltraMax II 1095 Standard **	16X881	.035	.027	.21	4.5	2.4	5000W	3300/227
MARK IV Express ***	17A006	.031			3.6	2 HP Brushless DC	3000/207	

* Comes complete with: Contractor Gun, RAC X 517 Tip and Guard, 1/4 in x 50 ft (6.4 mm x 15.2m) 3300 psi Hose, Connection of up to 300 ft (91m) Hoses

** Comes complete with: Contractor Gun, RAC X 517 Tip and Guard, 1/4 in x 100 ft (6.4 mm x 30 m) 3300 psi Hose,

Connection of up to 300 ft (91m) Hoses

*** Comes complete with: Silver Plus Gun, RAC X 517, 1231 SwitchTips and Guard, 3/8 in x 100 ft (9.5 mm x 30 m), BlueMax II Airless Hose, 1/4 in x3 ft (6.4 mm x 0.9 mm), BlueMax II Whip Hose

Gas Powered Airless Sprayers

Typical Applications

The GMAX series is favored by industrial users and professional contractors who spray a full range of coatings on residential, commercial and industrial jobs.

Materials

- Latex Paints and Primers
- Acrylic Paints and Primers
- Oil-based Paints and Primers
- Epoxies/Polyurethanes (80% solids)
- Waterproofing
- Fireproofing



GMAX II 3900 Express



GMAX II 5900 Standard



GMAX II 7900 ProContractor

Description	Part Number	Max. Tip Size				Max. Flow	Horse Power	Max. Pressure psi/bar
		1 gun	2 guns	3 guns	4 Guns			
GMAX II 3400 Hi boy-Standard **	16W863	.027	.023			2.84	4	3300/207
GMAX II 3900 Hi boy-Standard **	16W865	0.036	0.023			4.7	4	3300/227
GMAX II 3900 Lo-Boy Standard **	16W866	0.036	0.023			4.7	4	3300/227
GMAX II 3900 ProContractor ***	16W867	0.036	0.023			4.7	4	3300/227
GMAX II 5900 High boy-Standard **	16W869	0.043	0.029	0.023		6.0	5.5	3300/227
GMAX II 5900 Lo Boy- Standard **	16W870	0.043	0.029	0.023		6.0	5.5	3300/227
GMAX II 5900 ProContractor***	16W871	0.043	0.029	0.023		6.0	5.5	3300/227
GMAX II 5900 IronMan ****	16W881	0.043	0.029	0.023		6.0	5.5	3300/227
GMAX II 7900 Lobo y Standard **	16W884	0.048	0.035	0.027	0.023	8.3	6.5	3300/227
GMAX II 7900- Hi boy Standard **	16W883	0.048	0.035	0.027	0.023	8.3	6.5	3300/227
GMAX II 7900 ProContractor ***	16W885	0.048	0.035	0.027	0.023	8.3	6.5	3300/227
GMAX II 7900- IronMan ****	16W887	0.048	0.035	0.027	0.023	8.3	6.5	3300/227
GMAX II 7900- Roof Rigs *****	16W987	0.048	0.035	0.027	0.023	8.3	6.5	3300/227

** Comes complete with: RAC X 517 SwitchTip and Guard, 6.4 mm x 15 m (1/4 in x 50 ft), BlueMax II Airless Hose

*** Comes complete with: Contractor Gun, RAC X 517 SwitchTip and Guard, 6.4 mm x 30 m (1/4 in x 100 ft), BlueMax II Airless Hose

**** Comes complete with: Silver Plus Gun, RAC X 517, 1231 SwitchTips and Guard, 3/8 in x 100 ft (9.5 mm x 30 m), Blue-

Max II Airless Hose, 1/4 in x 3 ft (6.4 mm x 0.9m), BlueMax II Whip Hose

***** Comes complete with: Heavy Duty Gun, RAX 527, 635 SwitchTip, 3/8 in x 50 ft (9.5 mm x 30 m), BlueMax II Airless Hose, 1/4 in x 3 ft (6.4 mm x 0.9m), BlueMax II Airless Hose, 1/4 in x 3 ft (6.4 mm x 0.9mm), BlueMax II Whip Hose 20 in(50cm) Fixed Heavy Duty Tip Extension

Commercial Painting Equipment & Sundries

Linelazer IV 3900 & 5900



Both the Linelazer 3900 and 5900 have been redesigned with all the new technologies of Linelazer IV to deliver precise and consistent lines. Ideal for parking lots and for street marking. These are versatile linestripers. Their performance meets the requirements of municipalities and small cities. Lines stripers are not used solely for line marking. Being airless machines, they also do stenciling and general painting.

Emery Paper Rolls

Designed for fast and easy sanding of various surfaces. Can be torn to exact lengths as needed. Grit size: # 40, 60, 80 & 100. Width 10" and length 50 m/roll.



Sanding Block



Foam Sander

Paint Brushes



Mini Roller

Mini Roller for painting in narrow spaces. 100 mm wide roller with threaded handle.



Texture Hopper Gun

Double handle design provides maximum support and control for ceiling, wall and floor applications. Sprays acoustics, drywall mud, water proofing material, Pool deck sealant, stucco and most gravity-fed materials.



Air Spray & HVLP Gun

Standard industrial spray gun available in fluid set up sizes. 1 mm, 1.5 mm, 1.6 mm, 1.8 mm and 2.2 mm.



YD-202 Spray Gun

Capacity of Cup (L) 2.0
Type Pressure Optional
Nozzle Size : 1.5mm, 1.8mm Excellent for large area as buses, truck and vans. Allows users to mix and paint 2 quarts at a time



Truecoat Pro-x Cordless Airless Sprayers

Ideal for interior/exterior and specialty applications. Spray materials: Oil based, Primers, Stains, Varnishes, Latex Paints, Acrylics, Enamels, Urethanes etc..



Pressure Pots



Pressure Pots available 10 ltr, 20 ltr and 40 ltr capacity with manual agitator and air agitator. Pressure pot outfit includes pressure tank, spray gun 25 ft air and fluid hose assemblies.

Tip Guards, Seals & Gaskets

Tip Guards	Part #	Thread Sizes	Guns	Tips
 RAC X HandTite	246215	7/8 in (22 mm)	Standard Graco Thread	RAC X, FFT, WR
	246437	11/16 in (17.5mm)	Older Style Graco Pole Guns, Fits Competitive Guns with 11/16 in threads	RAC X, FFT, WR
 RAC 5 HandTite	243161	7/8 in (22 mm)	Standard Graco Thread	RAC 5, RAC IV
	243263	11/16 in (17.5mm)	Older Style Graco Pole Guns	LineLazer RAC 5
 XHD RAC	XHD001	7/8 in (22 mm)	Standard Graco Thread	XHD RAC
 Flat	220251	7/8 in (22 mm)	Standard Graco Thread	Contractor
	220255	11/16 in (17.5mm)	Older Style Graco Pole Guns, Fits Competitive Guns with 11/16 in threads	Contractor
 Fine Finish Flat	220247	7/8 in (22 mm)	Standard Graco Thread	Fine Finish Flat
	220249	11/16 in (17.5mm)	Older Style Graco Pole Guns, Fits Competitive Guns with 11/16 in threads	Fine Finish Flat

Gun Filters

A filter helps reduce tip plugging and provide a better quality finish by eliminating large unwanted particles from the spray pattern.



Tip Filter Elements

Provides additional filtering when using a flat tip to help reduce tip plugging and provide a higher quality finish.



Tip Extensions

RAC Tip guard with 7 / 8 " gun nut and One Seal. Can be combined for extended reach up to 6 ft (1.8 m)



Tip Gaskets and Seal Kits

246453	RAC X OneSeals-5 pack. Use only with RAC X SwitchTip and Guard
243281	RAC 5 OneSeals-5 pack. Use only with RAC 5 SwitchTip and Guard
248936	RAC X Solvent Seal Kit-5 pack
224081	RAC 5 OneSeals-5 pack. Use only with RAC 5 SwitchTip and Guard
223373	Thin Tip Gaskets-25 pack
223374	Thick Tip Gaskets-25 pack-use with tip extensions
114049	O-Ring-use with tip gaskets to securely hold in place
258017	Heavy-duty extension gaskets-5 pack



Gun Adaptor and Tip Filter Housing

Use a final filter to prevent any foreign particle in the paint from ruining the spray surface finish. Tip filter housing stainless steel GR-164120, 7 / 8 inch (f) - 11 / 16 " (m) thread fits Graco or Titan airless gun. Use adapter GR 181085 or standard 7 / 8 " (m) - 11 / 16 " (f) thread base.



Airless Paint Gun Specifications

	Part #	Trigger	Tip	Guard	Repair Kit	Instruction Manual	Working Pressure	Fluid Orifice Diameter
Contractor Gun								
	288420	2-Finger	RAC X 517	RAC X	288488	311861	3600 psi (248 bar, 24.8 MPa)	0.125 in (3.2 mm)
	288425	4-Finger	RAC X 517	RAC X	288488	311861	3600 psi (248 bar, 24.8 MPa)	0.125 in (3.2 mm)
	288421	2-Finger	RAC 5 515	RAC 5	288488	311861	3600 psi (248 bar, 24.8 MPa)	0.125 in (3.2 mm)

FTx Gun								
	288430	4-Finger	RAC X 515	RAC X	288488	311861	3600 psi (248 bar, 24.8 MPa)	0.125 in (3.2 mm)
	288429	2-Finger	RAC X 515	RAC X	288488	311861	3600 psi (248 bar, 24.8 MPa)	0.125 in (3.2 mm)
	288431	4-Finger	RAC 5 515	RAC 5	288488	311861	3600 psi (248 bar, 24.8 MPa)	0.125 in (3.2 mm)

Silver Plus Gun								
	246240	2-Finger	RAC X 517	RAC X	235474 (For 235462 use repair kit 235475)	309740	5000 psi (345 bar, 34.5 MPa)	0.090 in (2.3 mm) 0.037 in (0.94 mm): 235462 for light viscosity materials"
	243283	2-Finger	RAC X 517	RAC X	235474 (For 235462 use repair kit 235475)	309740	5000 psi (345 bar, 34.5 MPa)	0.090 in (2.3 mm) 0.037 in (0.94 mm): 235462 for light viscosity materials
	235460	2-Finger	Not Included	Flat Tip	235474 (For 235462 use repair kit 235475)	309740	5000 psi (345 bar, 34.5 MPa)	0.090 in (2.3 mm) 0.037 in (0.94 mm): 235462 for light viscosity materials
	235462	2-Finger	Not Included	Fine Finish Flat Tip	235474 (For 235462 use repair kit 235475)	309740	5000 psi (345 bar, 34.5 MPa)	0.090 in (2.3 mm) 0.037 in (0.94 mm): 235462 for light viscosity materials
<ul style="list-style-type: none"> Unique design with large fluid passages, heavy duty spring and 4-finger trigger makes this gun ideal for high solids, smooth texture mastics, and protective coatings 								

XTR-5/XTR-7 Airless Spray Gun								
	XTR500	4-Finger	Not Included	GHD	287449	312145	5000 psi (345 bar, 34.5 MPa)	0.090 in (2.3 mm)
	XTR700	4-Finger	Not Included	GHD	248837	312145	7250 psi (500 bar, 50 MPa)	0.090 in (2.3 mm)
<ul style="list-style-type: none"> Lightest weight gun available for airless spray and line striping applications Airless hose connects directly to gun through spring guard mount on handle base 								

Airless Paint Gun Accessories

Extended Reach Tools - Pole Gun

The Pole Gun provides better spray control and less fatigue for unmatched spraying performance in high or recessed areas.

Available lengths: 3' (.9m), 6' (1.8m).



RAC 5 Tip Extensions

The tip extension is used to create different length pole guns. The small diameter tube is light-weight and can be used for interior pressure rolling. Available lengths: 10in (25cm), 15in(38cm), 20in(50cm), 30in(75cm)



45° Adapter

Connects to Airless Spray and any Graco Extension
Max. Working Pressure: 248 bar



1800 Easy Turn Directional Spray Nozzle

Sprays at a variety of angles by attaching to any Graco Extensions.
Max. Working Pressure: 248 bar



CleanShot Shut-Off Valve

No spitting with unique needle valve shuts fluid of at the tip for a clean pattern. 180 tip swivel with pressure actuation.



Contractor In-Line Valve

No spitting with unique needle valve shuts fluid of at the tip for a clean pattern. 180 tip swivel with pressure actuation.



Suction Hose & Suction Tubes

Solvent resistant standard hose with male pipe threads both ends and quick knock off female thread for extreme hose. Specially sized to match pump flow rates.



Manifold Filter and Support

Standard filters available in 30, 60, 100 and 200 mesh. Filter support available in aluminum or polyethylene.



High Pressure Gun Swivel

Gun Swivel provides a swiveling joint between gun and hose for free gun movement. Install at gun inlet. 1/4" npsm (m) x 1/4" npsm (f) available with various pressure ratings.



High Pressure Hex Nipples

1/4 in NPT(m) x 1/4 in NPT(m),
3/8 in NPT(m) x 3/8 in NPT(m),
1/4 in NPT(m) x 3/8 in NPT(m),
1/2 in NPT(m) x 3/8 in NPT(m).



High Pressure Swivel Adaptor Unions

1/4 in NPT(m) x 1/4 in NPSM(f),
3/8 in NPT(m) x 3/8 in NPSM(f),
1/4 in NPT(m) x 3/8 in NPSM(f).



Strainer Bags

Specially woven for straining quick, efficient & easy to use. Stops nozzle clogging, solvent resistant and re-usable.



Airless Paint Spray Hoses

Airless Paint Spray Hose – 3300 PSI

I.D.		Working Pressure		Burst Pressure	
inch	mm	psi	bar	psi	bar
1/4	6.6	3263	225	9790	675
3/8	9.9	3263	225	9790	675
1/2	13.1	3263	225	9790	675



Airless Paint Spray Hose – 4500 PSI

I.D.		Working Pressure		Burst Pressure	
inch	mm	psi	bar	psi	bar
1/4	6.6	6091	420	18274	1260
3/8	9.9	5076	350	15228	1050
1/2	13.1	5076	350	15228	1050
3/4	19	5076	350	15228	1050



Airless Paint Spray Hose – 4500 PSI

I.D.		Working Pressure		Burst Pressure	
inch	mm	psi	bar	psi	bar
1/4	6.6	7251	550	21755	1500
3/8	9.9	7251	550	21755	1500
1/2	13.1	7251	550	21755	1500
3/4	19	7251	550	21755	1500



Airless Paint Spray Hose – 4500 PSI

I.D.		Working Pressure		Burst Pressure	
inch	mm	psi	bar	psi	bar
1/4	6.6	7977	550	23931	1650
3/8	9.9	7977	550	23931	1650
1/2	13.1	7977	550	23931	1650
3/4	19	7977	550	23931	1650



Paint Mixers & Paint Drum Heaters

Paint Drum & Pail Heater

- Provide an insulated full-wrap design
- Safely heats valuable materials without scorching or burning
- Prevents waste by maintaining consistent temperature ranging from 30 - 150 C
- Available in sizes from 20-200L Drum

	200L drum	200L drum	20L drum	20L drum	100L drum
	Standard	Narrow	Standard	Narrow	Standard
Length* Width	1740*250mm	1740*125mm	860*200mm	860*120mm	1250*250mm
Power	2000W	1000W	800W	400W	1500W
Temperature Range	30~150 adjustable by knob				
Weight	1.5Kgs	0.9Kgs	0.8Kgs	0.7Kgs	0.8Kgs



Viscon Fluid Heaters

Fluid Heaters reduce coating viscosity so it can be sprayed at lower pressure. It provides consistent spray temperature.



Hand Held Quick Mixers

Designed for standard and extra heavy duty use, these hand held mixers are unsurpassed for mixing paint, chemicals, resins, epoxies, ink, adhesive, block fillers and slurries. The variable speed explosion-proof air motors develop up to 3 / 4 hp. Speed range is 300 to 3000 RPM. Blastline special twin blade mixers operate with both electric and air driven chucked power tools.



Remote Mount Mix Manifold

The mix manifold on cart is removable and can be located closer to the spray gun to reduce mixed coatings and the volume of flush solvent required. Great for materials with very short pot life.



Static Mixers

Static Mixers allow for the mixing of two or more fluid, and also enhance mass transfer in continuous operations. This rugged and reliable mixer is made of all stainless steel body.



Blastline Constant Agitation Mixers



Surface Preparation

Testex Surface Profile Gauge

Testex Tape & Dial Gauge Micrometer Different coarses available for Testex Tape. Replica of the tape profile measure total thickness. Subtract 50 microns (thickness of hard plastic window) e.g. 125 micron total thickness = 75 micron peak-to-valley height.



Testex Surface Profile Gauge

Easy to use kit includes five latex sleeves, five bottles of pre-measured extraction solution, five Kitagawa chloride detection tubes, tubebreaker, aspirator bulb and instructions.



CSN (Chloride, Sulphate & Nitrate) Kit

Easy to use kit includes all equipment and instructions for testing surface chlorides, sulphides and nitrates using the latex sleeves and the pre-measured extraction solution.



Positector SST

Soluble Salt Testers measure the concentration of soluble salts on metal surfaces. Features include displays test duration, sample temperature, conductivity ($\mu\text{S}/\text{cm}$) and surface density (mg/m^2 or $\mu\text{g}/\text{cm}^2$)



Positector SPG Digital Surface Profile Gauge

Fast and accurate, 0-500mic range, ideal for all profiles. Take average of several readings. With or



Positector RTR Replica Tape Reader

Digital spring micrometers measure and record surface profile parameters using Testex Press-O-Film™ replica tape.



Surface Profile Visual Comparator & Magnifier

Keane-Tator Surface Profile Comparator disc (Shot, Grit and Sand) and Magnifier. Compact, extremely durable reference discs designed to visually determine the surface Profile of blast cleaned surfaces.



Inspection Mirror

High quality inspection Mirror for examining corner, backs and angles and other "difficult access" areas.



Swedish (ISO) Standard

Surface preparation photographic color print standards illustrating the degrees of hand, power tool, and blast cleanliness over mill scale and various rust grades of new steel.



Dust Tape Test Kit

Elcometer 142 Dust Tape Kit allows assessment of the quantity and size of dust particles on surfaces prepared for painting.



Climatic Condition Testing

Positector DPM Digital Dew Point Meters

Measures climatic parameters including air temperature, surface temperature, relative humidity, wet bulb temperature, dew point temperature and difference between surface and dew point temperatures. Ideal for protective coating / painting field.



Infrared Laser Thermometer

Measures climatic parameters including air temperature, surface temperature, relative humidity, wet bulb temperature, dew point temperature and difference between surface and dew point temperatures. Ideal for protective coating / painting field.



Magnetic Surface Thermometer

Its very important to know the temperature of your steel when calculating Dew Point. Use this simple dial thermometer with a cover glass and magnetic base to check surface temperatures



Positector Inspection Kit

Posi-Tector Inspection Kits contain a Posi-Tector gage body (Standard or Advanced) and 3 probes – coating thickness, environmental and surface profile, as well as, accessories in a convenient hard shell.



Whirling Hygrometer

This hand held whirling hygrometer is used for obtaining wet and dry bulb temperatures.



Dew Point Calculator

Designed to quickly and accurately convert temperature values to dew-point and percentage Relative Humidity (%RH), using slide rule technology.



Digital Thermometer

Model AZ8801 thermometers are compact size low cost units. It will fulfill the need for most everyday application. Suitable for any K type probe. Range 200°C - 1370°C.



Kestrel Pocket Weather Meters

Kestrel Pocket Weather Meter is the only hand-held instrument for measuring wind speed, volume air flow, wind direction, cross wind, head/tail wind, temperature, Delta T, wind chill, heat stress index, relative humidity, dew point, wet bulb, humidity ratio, evaporation rate, barometric pressure, absolute pressure, altitude, air density, density altitude & relative air density. Pocket size and easy to use, the Kestrel allows you to take fast, accurate reading of the environmental conditions whenever and wherever you are. Kestrel Pocket Weather Meters are made tough in the USA.



Materials Thickness Gauges

Positector 6000 Series Digital Coating Thickness Gauge



Coating Thickness Gauges

Coating Thickness Gauges For All Metal Substrates
Rugged, Fully Electronic Coating Thickness Gauges Use Magnetic And Eddy Current Principles To Measure Coating Thickness On Both Ferrous And Non-ferrous Metals, Accurately And Quickly.

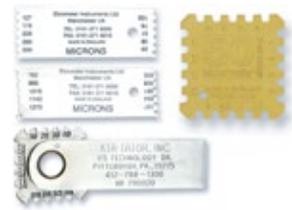
Positector 200

Non-destructively measures thickness of coating over concrete, wood, plastic and more using proven ultra sound technology. Standard and Advanced are the available two models. Standard model measure the total thickness of a coating system. Advanced Model measure total thickness of a coating system or up to 3 individual layer thickness in a multi-layer system. Also features graphic readout for detailed analysis of the coating system.



Wet Film Thickness

Wet film gauges give the inspector a quick, low cost method of checking the thickness of freshly applied coatings.



Coating Thickness Gauge Positest DFT

Ideal for: Powder Coaters, Paint Applicators, Coating Inspectors, Painting Contractors, Automotive Refinishers. 2 Models:



Calibration standards & Shims

Certified thickness standards are ideal for checking calibration and operation of coating thickness gauges and are an important component in fulfilling both ISO and in-house quality control requirements. Shims provide a quick operational check of the instrument by allowing the user to perform practice measurements. They can also be used to protect the probe when measuring on tacky, rough or hot surfaces.



Positector UTG

Ultrasonic Thickness Gauge measures the wall thickness of materials such as steel, plastic and more: UTG Standard Model measures the wall thickness of materials such as steel, plastic and more. Ideal for measuring the effects of corrosion on any structure where access is limited to one side. UTG ME model features ThruPaint capability to quickly and accurately measure the metal thickness of a painted structure without removing the coating.



Porosity, Adhesion & Welding Gauges

Positector Low voltage Pinhole Detector

The PosiTest LPD Low voltage Pinhole Detector detects holidays, pinholes and other discontinuities on metal and concrete substrates.



Positest Pull-of Adhesion Tester (Manual or Automatic)

Easy to use, hand-operated, digital instrument measures the tensile (pull-off) strength of coatings using hydraulic pressure. Unique, pull stub design compensates for mis-alignment. Lightweight carrying case includes tester and actuator, pull stubs, abrasive pad, cutting tool, adhesive with mixing sticks and palette, cotton swabs, instructions, and Certificate of Traceability to NIST (National Institute of Standards & Technology).



Manual Tester

Automatic Tester

Elcometer 107-Cross Hatch Basic Kit

The Ecometer 107 Cross Hatch cutter provides an instant assessment of the quality of the bond to the substrate. Due to these rugged construction this gauge is ideal for thin, thick or tough coatings on flat or curved surfaces. An ideal field of laboratory test.



PCWI Low voltage Pinhole Detector

This Holiday detector uses the low voltage wet sponge method to detect pinholes (holidays) in coatings. Model available: 9, 67,5 and 90 volt Selectable.



PCWI Compact DC Porosity Detectors

A small and lightweight Unit with a clip-on battery pack, and features digital display of applied voltage, constant test current, fully adjustable voltage and sensitivity controls. It can be used in most applications including pipelines, steel structures and tank work.



PCWI High Voltage DC Crest Meter

For verifying output voltage and the calibration of High Voltage DC Porosity Detectors and Holiday Detectors. 0 to 30kV (auto ranging)



SPY Holiday Detector

Portable holiday detectors are designed for various pipeline, plant, and other surface applications where the inspection surface remains stationary and the detector is moved over the inspection surface. High voltage detectors are used for thicker surface coatings, such as those used on pipelines and other industrial applications. Low voltage, wet sponge detectors are used for thin film applications



Inspection Kits

Blastline Inspection Kit is specially curated for the protective coatings industry. Included are gages for measuring ambient conditions, surface profile, wet and dry film thickness, and visual inspection standards. Several inspection instrument kits available including Custom Kits.

Basic components of each kit include the following:

- Blotter Paper
- Testex Micrometer with Coarse/X-Coarse Tape
- PosiTector 6000 Coating Thickness Probe
- PosiTector SPG Probe
- PosiTector DPM Probe
- Testex Micrometer with X-Coarse Tape
- ISO 8501-1:2007 - The Rust Grade book
- SSPC-VIS 1
- SSPC-VIS 2
- SSPC-VIS 3
- Telescoping Inspection Mirrors
- Kestrel 1000 Pocket Wind Meter
- Orifice gage
- Needle Pressure Gage
- Wet Film Thickness Gage
- Calibration Shims + zero plate
- Magnetic Thermometer



PosiTector Inspection Kits

Kits come complete with precision plastic shims, glass zero plate and metal shim, protective rubber holster with belt clip, wrist strap, 3 AAA alkaline batteries, 3 instruction manuals, hard shell case, protective lens shield, 3 Long Form Certificates of Calibration traceable to NIST, USB cable and 2 year warranty on gage body and probes.

Custom Inspection Kits

- PosiTector Gage Body - Standard or Advanced
- PosiTector 6000 Coating Thickness Probe - select from a variety of measurement ranges and probe styles
- PosiTector DPM Environmental Probe
- PosiTector SPG Surface Profile Probe



Custom Inspection Kits

Build your own Inspection Kit from a selection of gage bodies and probes to suit your needs.

Award Winning Compatibility

- | | |
|----------------------------|-----------------------------|
| • Coating Thickness | • Shore Hardness |
| • Surface Profile | • Salt Contamination |
| • Environmental Conditions | • Ultrasonic Wall Thickness |



Welding Inspection Gauges

Bridge Cam Gauge

The measurements are possible in either inches or millimeters: angle of preparation, excess weld metal, depth of undercut, depth of pitting, weld throat size, and more.



Hi-Lo Welding Gauge

Measures internal misalignment. Automatic weld size weld gauge for accurate measurement of weld reinforcement in butt type and fillet type weld joints.



Pipe-pit Gauge

Pocket sized stainless steel gauge for determining the pit depth on piping and other steel structures. Gauge comes with a case.



Taper Gauge

Taper Gauge is the perfect solution for the repeated checking of particular weld sizes. Weld Measuring Gaps make genuine time-savers that you will find indispensable



7-Piece Fillet Weld Set

Check Fillet Leg & Throat Size, Available in Inch or Metric



Single Purpose Hi-Lo Welding Gauge

The Single Purpose Hi-Lo Welding Gauge is available for both inch and metric measurements. With this gauge you can:

- Verify internal misalignment after fit-up
- And measure fit-up gap between 1/32 of one inch and 3/16 of one inch after fit-up



Pit Depth Gauge

Undercuts/Pits to 1/2 Inch by 1/32 Inch Increments. Check Undercuts/Pits, Porosity, All Stainless Steel.



Pit Depth Gauge

Pocket sized stainless steel gauge for determining the pit depth on piping and other steel structures. Complete with case.



Inspection Tool Kit

Kits contains different gauges, welds, magnifier etc.



PosiTector SHD

The PosiTector SHD Shore Hardness Durometer is a handheld electronic instrument that measures the indentation hardness of non-metallic materials. Two durometer models are available for different hardness ranges - Shore A and Shore D.



Barcol Impressor Hardness Tester

A portable, convenient tool for testing the hardness of aluminum, aluminum alloys, copper, brass, fibre glass and plastics. It can be used in any position and in any space that will allow the operators hand.



Explosion-Proof Blast Lights

Explosion Proof Light

Hazardous duty hand light making it ideal for inspection or small area illumination. This explosion proof drop light with tempered glass globe and full swivel hook, suitable for max 100 W bulb.



Halogen Nozzle Light

Holds Par bulb 24V /35W with Aluminum housing which can attach directly to blast hose for illuminating the blasting area.



BL120 Hold Lamp

Halogen Nozzle Light. Holds Par-38 bulb 24V /120W with light aluminum body for illuminating the blasting area.



BL120 Hold Lamp

Air Driven lamp could work under the ambient temperature from -20°C to +50°C. It is apply to explosion gas area and explosion dust area. Due to its special construction an ignition of hazardous atmosphere inside and outside the lamp are avoided by several solutions.



Explosion-proof Light

Transparent Cover: Tempered Glass
Housing: Aluminum alloy with epoxy powder coating
Electrical Parameter: Rated Voltage: 220V AC 60Hz/230V/240V AC 50Hz.
Ambient Temperature: -40°C to +55°C
Class of Insulation: Class I, Degree of Protection: IP 66, Cable Entry: G3/4
Conformity To Standards: IEC 60598.



Transformer

To supply the blast lights with a safe 12V or 24V, one of the rubber transformers can be used. These explosion proof transformers are oil and acid resistant as well.



Explosion-proof Exterior Flood Light (BFC 8110/HN)

Suitable for petroleum and petrochemical industry and marine in explosive and flammable locations as lighting fixture. By adopting with high light efficiency long life discharge lamp and high reflectivity mirror reflector, has a high brightness and a wide lighting range.



BRICK™: 9610 LED

The most versatile and rugged LED portable explosion proof area light on the market. Built for a variety of applications ranging from Power Generation and Refineries to Paint & Blast. The BRICK™: 9610 LED is the perfect choice for your portable lighting needs. The BRICK™ is certified and approved for hazardous locations.



RPB® L4 Light

The RPB® L4 Light mounts directly to your Nova 3 respirator, providing a steady, highly concentrated output of light to your field of vision. Directly mounts to your helmet with minimum protrusion making it unique to every other cumbersome light system on the market. Lightweight battery pack mounts perfectly on your belt with minimum protrusion.



Blast light BL-80

These fully rubber blast light are easy to attach with the nozzle holder and have easy exchangeable lenses. The lights can be delivered in 12V / 24V and both models have a bulb of 20W.



Blast light BL-80

This fully rubber blast lights can be used to put in a blast room or other dusty areas. The light is 24V with a bulb of 100W.



Scaffoldings

Cup Lock Scaffolding

Our scaffolding is built to last, making it a sound investment and reassuringly safe and reliable in various access and shoring applications.



- Secures up to four components in one action.
- Has the flexibility to use several type of decking.
- Designed for access and support, including a wide range of form work beam and decking systems.
- Manufactured from high yield stress steel for added strength and lower weight.
- Horizontals are manufactured using forged symmetrical ledger blades - avoiding the problem of bent or damaged wedge type fixings.
- Rigid node point reduces the need for ledger bracing, giving clear, uninterrupted work platforms.

Containment Sheeting

Reinforced heavy duty polyethylene sheeting used for weatherproofing and containment of dust, debris and blasting media to protect workers, job sites and the environment in abrasive blasting, painting and building construction applications. Available in flame retardant and non-retardant styles.

- High strength string reinforcement
- Blue reinforced eyelet bands for easy fastening
- Tear resistant, weather resistant and UV treated
- Easy to install with bungee ties



Ventilation Systems

Venturi Blower (Air Horns) Features

- Used to ventilate explosive and hazardous vapors or fumes safely.
- Can be used as blower or exhauster
- No moving parts
- Lightweight cast aluminum base
- Static grounding lug is standard
- Operates on compressed air or steam
- Induction ratios up to 40:1
- Accepts flexible duct on diffuser end
- Operating efficiency depends on compressed air volume and pressure.



Venturi Blower Specifications

Model	Overall length	Diameter of Base	Diameter Top of Horn	NPT Size	Bolt Circle Diameter	Base Slot Diameter
BL-1200	30.75"	7.125"	7.375"	1/2"	6.75"	0.4"
BL-2900	44.25"	11.5"	12.0"	1"	10.75"	0.4"
BL-4100	46.06"	14.37"	14.25"	1"	13.62"	0.5"

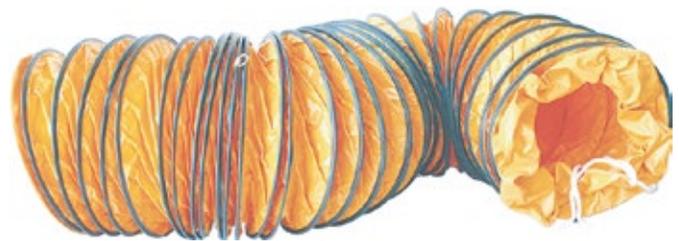
Blastline Pneumatic Circular Jet Fans



Used for general ventilation in any location where compressed air is available. These fans are suited for ventilation of tanks, vessels or other confined areas for the removal of hazardous fumes or contaminated air from welding, abrasive blasting and other operations.

- 20" & 24" diameter
- 10,400 - 16,00 cfm free air @ 40 - 110 psi input pressure and 60-290 cfm flow
- Cast Aluminum housing and fan blade

Ventilation Ducting



A large selection of flexible air duct for a variety of ventilation applications is available. Blastline ducting is extremely flexible, lightweight and crush resistant. It is made of heavy duty polyester reinforced vinyl laminate hose which is reinforced with a spring steel wire on a 4" pitch and is easily attachable to any fans and dust collectors.

Electric & Pneumatic Extraction Fans

Blast Max Fans

Electric or Pneumatic axial fans deliver massive airflow to create positive air pressure to blow fresh air into a particular area or negative air pressure to pull out moist or contaminated air from that location. These fans are parting from conventional round design, its square housing ensures added strength and stability. And Blast Max fans are equipped with a variety of motors to meet client's needs. From the pneumatic powered motor for industrial applications, to the standard electric powered motor for general applications, to the specially designed explosion-proof motor for hazardous situations. Adaptable for dust socks and flexible ducting.



Explosion – Proof Fan

The explosion proof industrial fan applied in the condition of explosion-proof gas compound with factory II type, Grade A, B and the temperature T1-T4. The Impeller made of aluminum alloy, has strong points such as operate steadily, aesthetics, rational structure, etc. Available in sizes: 12", 16", 18", 20", 24", 28" & 32"

Applications

Boiler Work Utility
Companies Telecom-
communications
Petrochemical Tanks
Construction sites
Electrical Transformers
Maintenance Manhole
Entry Tank Cleaning



Ventilation Fan - Model CTF

Energy saving, Strong wind power, Convenient to move, Make low noise and light weight due to die-casting aluminum alloy with good capacity, Reasonable structure and the strong suction.

Applications

Boiler Work Utility
Companies Telecom-
communications
Petrochemical Tanks
Construction sites
Electrical Transformers
Maintenance Manhole
Entry Tank Cleaning



Portable Ventilator

Large capacity motor with E-Class of TECO/TATUNG brand motor, long endurance. Specially designed axial propeller, high static pressure, high flow rate, excellent strength. Available in 8", 12", 16" and 20" dia. Flexible duct with standard length 5 m. Duct can be ordered from 1 m-20 m.

Heavy Duty, Industrial Grade, Ergonomically Designed Centrifugal Blowers

Single speed electric blower model SVB-E8 ¾ hp electric motor, 115V AC, 11.2 amp, 60 Hz. GFI power cord, aluminum non-sparking blower wheel, polyethylene fan housing, powder coat tubular steel frame with dual handles, molded safety guards, 8" intake and exhaust flange, CSA approved and CE registered.



Air Cooled Aftercoolers

This equipment is a heat exchanger to cool the compressed air discharged from an air compressor with atmospheric air. The compressed air is cooled to approximately 9°C, above ambient temperature. This substantially reduces the water and level of other contaminants in the air supply, as water will be reduced by 1/2 for every 20 degree reduction in temperature. This moisture is then removed from the system with a separator and drain assembly. A sufficient capacity after cooler can take up to 80% of the moisture present in the compressed air.

Features

- Makes air safe, usable and capable of further filtering and drying. Eliminates up to 80% of moisture
- Skid mounted - prepped with in/out connections.
- Separator/Filter - removes bulk liquids and prefilters the air for finer filtration.
- Advanced Technology Design
- Up to 60% smaller than conventional
- Fin and Tube designs

Specifications:

Maximum Working Pressure: 250 psi

Materials:

- Cooler - Aluminum
- Shroud - Powder Painted Steel
- Fan Guard - Zinc Plated Steel
- Fan Blade - Polypropylene Blades

The BL Series is a complete aftercooler package designed to work on most models of rotary and piston air compressors. To select the appropriate model, simply determine compressor horsepower, and select the model from the chart.



Air Compressor Horsepower (hp)	Internal Airflow Maximum CFM	Recommended BL Series Model No.
25-50	245	BL 200
25-75 HP	539	BL 450
100-125 HP	785	BL 600
150-200 HP	1569	BL 1000
225-350 HP	2300	BL 1600

(Blastpak) After Cooler System with Receiver Tank

A cooler/Separator is required to reduce the temperatures and discharge the condensed moisture. By using this Blastpak System increases production and reduces downtime and maintenance cost. Moisture in the compressed air system contaminates both controls and abrasive causing the abrasive to bridge and not flow properly. This system effectively provide cooler, cleaner and dry air to your blast pots with negligible drop in pressure. Two system types are available to meet your specific requirements after coolers and air dryers.



Industrial Heater, Dehumidifier & Dryer

Industrial Heaters

Industrial electric heaters provide clean dry hot temperature for large capacity industrial and other enclosed spaces applications.



Units Features

Power - 480 V - 30 - 60 Hz
 Airflow - 5,100 m³/hr
 Heaters - 3 x 18 kW - 54 kW
 Heat transfer - 61,000 BTU

With one heater activated, the increase in temperature of the air leaving the heater will be approximately 14.4°C above ambient. Each additional heater will increase the temperature by the same amount. Thus, the air exiting the unit could be 43°C higher than ambient. Please note however, that this is the increase in the air temperature exiting the heating unit. We are not able to maintain the steel temperature at this value without appropriate insulation.

Desiccant Type Compressed Air Dryer

Twin tower regenerative dryer that works by absorbing moisture on a Sahel desiccant such as Activated Alumina. The two towers operate alternately. Compressed air to be dried is flowing through the desiccant in one tower while the desiccant in the other tower is being reconditioned/regenerated. The saturated desiccant bed is regenerated by a purge of dry air from the operating tower by a blower purge. Regenerative dryers are often specified to protect instrumentation and central systems, laboratory equipment or moisture sensitive process materials.



Dehumidifiers

Dehumidifiers can range from 650 to 15,000 m³/hr, design built to suit site requirements, for drying ships, ballast tanks, storage tanks and controlling corrosion. These units are unique because they can function not only as dehumidifier but also as an air conditioner or a heater. The unit comes complete with a specially designed control panel designed to assist customers in controlling their work environment. It can be easily transported by crane or forklift. Electrical Units can be operated with 440/480, 3 phase 60 Hz (380, 3 phase, 50 Hz power optional). They have the capability of providing four functions.

- Dehumidification (2 levels)
- Air Conditioning
- Heating



Specialist Equipment

Autoblast Machine

Autoblast is an electrically powered compact machine suitable for the preparation of concrete floors but equally effective on steel surfaces. The electrically driven machine has forward and reverse drive with a variable RPM selector. The dust collection unit compared with larger machines has continuous reverse air jet filtration cleaning. Recognized as the modern, fast, versatile, environmental, dust free means to dry abrasive cleaning and texturing of horizontal or slightly inclined surfaces. This eliminates the non uniformity normally associated with manual hand blasting and leave an ideal surface for coatings and overlays to be applied. Abrasive and debris is contained to prevent hazardous working and environmental pollution.



Vacuum Recovery Equipment VR55E1

The VR55E is designed to remove spent abrasives from inside of the tanks or areas with restricted access. Each user is assured of a unit flexible enough to remove not only abrasive, but also water, sediment and even solid objects such as welding rods, slag and other solid materials which accumulate in ship internals during repair or construction.

Technical Specification

- Recovery Rate: Grit : 3-6 Ton/hr.
50m Horizontal
Garnet : 5-10 Ton/hr.
20m Vertical
- Diesel Engine: 82hp/1800RPM
- Vacuum Pump: 3 Lobe Back Flow
Cooling Type
Air Flow 43 m³/min
- Cyclone: Dust proof efficiency
85% more
- Collection Tank: Volume : 2.5m³
- Grit Storage: 8 Ton

Vacuum Tank

An air operated vacuum tank has been designed to be an easy tool for removal of spent abrasive from inaccessible or enclosed areas such as storage tanks, ship hulls etc. This portable unit is an efficient, cost effective alternative to traditional manual bucket and shovel operations. When material is to be collected, a vacuum hose is run from the vacuum tank to the material to be picked up. Recovery rates of up to two tonnes an hour of expendable abrasive are capable when coupled to an air supply of 200 cfm.



Abrasive Recovery Unit: Electric

Abrasive Recovery Unit offers the right solution to recovering and conveying of blast medias, powders, plastic pellets, grains, sands, aggregates and other bulk materials in both cleanup and material transfer functions. The main type of industry using our equipments are blast cleaning companies, shipyards, tank cleaning companies, metallurgical plants and steel mills, foundries, power plants, cement industries, chemical industries etc. The dust in the air is collected by Vacuum Cleaner, the grit in the Stock Silo by its separator.



Pressure Washers

Cold-Water Pressure Washers provide the power to quickly remove loose paint, grime, rust, barnacles, mildew and other buildups in numerous residential and commercial applications. Blastline can provide a made to order unit in electric, petrol, diesel and pneumatic models.

Air Operated Pressure Washers

Hydra Clean Packaged systems are ideal for large cleaning applications where multiple guns and portability are required. These air powered packages are ideal for routine cleaning chores with minimal air consumption for in-plant cleaning applications. Configurations available to fit most pressure, flow, and material requirements.



Electric Models

Electric Motor direct drive units are excellent when work is needed indoors where gas units cannot be utilized. High quality electric motors enable this unit to run continuously with auto shutoff to prevent overheating. Specs: 8.3 lpm to 8.3lpm - 15.0 lpm @ 1200 - 4000 psi. These units are robust, high quality commercial/ industrial grade.



Gasoline Models

Graco G-Force II 3032 DD
Working pressure: 220 bar
Horsepower: 8.5 hp

These heavy-duty units are diesel-driven and feature a rugged design for dependable operation in demanding industrial and marine applications. Includes a chemical injector, trigger gun, and 50" high pressure hose.



This hose has a working pressure of 3000 psi to 4000 psi and oil resistant cover. Spray Gun with molded grip assembly complete with 36" Aluminum lance and quick connect. 4500 max psi. 12 gpm max, 300 degree F max temperature.



Electrical Pressure Washer

Model GL-1600 B/F & GL-1600 C/F

Induction motor 1.3 kW/1.5 kW
Working Pressure: 70/90 bar
Max. Pressure: 120/140 bar
Flow Rate: 6 lpm Voltage : 220V/50 Hz.

Model GL-1800D

Induction Motor: 1.5 kW/1.8 kW/2.0 kW
Working Pressure: 90 bar/110 bar/130 bar
Max. Pressure: 140 bar/160 bar/180 bar.
Flow Rate: 6 lpm Voltage: 220V/50 Hz.



Internal Pipe Blasting Equipment

Internal Pipe Blasting Tool Junior

Used for direct mounting on 1/2" ID Blast hose. Tungsten Carbide tip divides the abrasive into a circular pattern hitting the surface at an angle of 45°. For pipes 1 1/4" to 2" (33 mm - 50 mm).



Long Reach Internal Pipe 360° Nozzle.

Highly wear-resistant angle type blasting nozzles. Made from tungsten carbide.



Hollo Blast Junior Internal Pipe Blasting Tool

For pipes 3/4" to 2" (20 mm) ID



Tubblast from 2" - 12"

Tungsten Carbide deflection head and throat nozzle. For pipes 2" to 12" (50 mm - 300 mm) I.D.



Internal Pipe Blasting Equipment RotoBlast

The RotoBlast can clean internal pipe diameters from 8" - 36" by using different length nozzles to suit the pipe diameter.



Pipe Cleaner with Deflection Tip

For pipes 8" to 28" (200 mm - 700 mm) I.D.



Nozzles Type PTC-360°



Jumbo Spin Blast

For pipes 30" to 60" (750 mm - 1500 mm) I.D. Very large, Twin Nozzles Spinning blast head



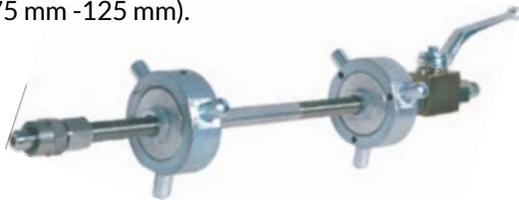
Internal Pipe Coating Equipment

Hollow Cone Spray Tips



Internal Pipe Coater Junior

'Hollow Cone' spray pattern For pipes 3" - 5" I.D. (75 mm -125 mm).



Internal pipe coater IPC 300

'Hollow Cone' spray pattern For pipes 5" - 12" I.D. (125 mm-300 mm).



Spincoater Models 512, 817 & 1236

Heavy Duty Spray Coaters are designed to apply Internal Coatings and Linings to Pipe. These tools have a Pneumatic driven Spray Head that will spray most of all coatings from the thinnest to the most viscous.



Internal pipe coater IPC 300



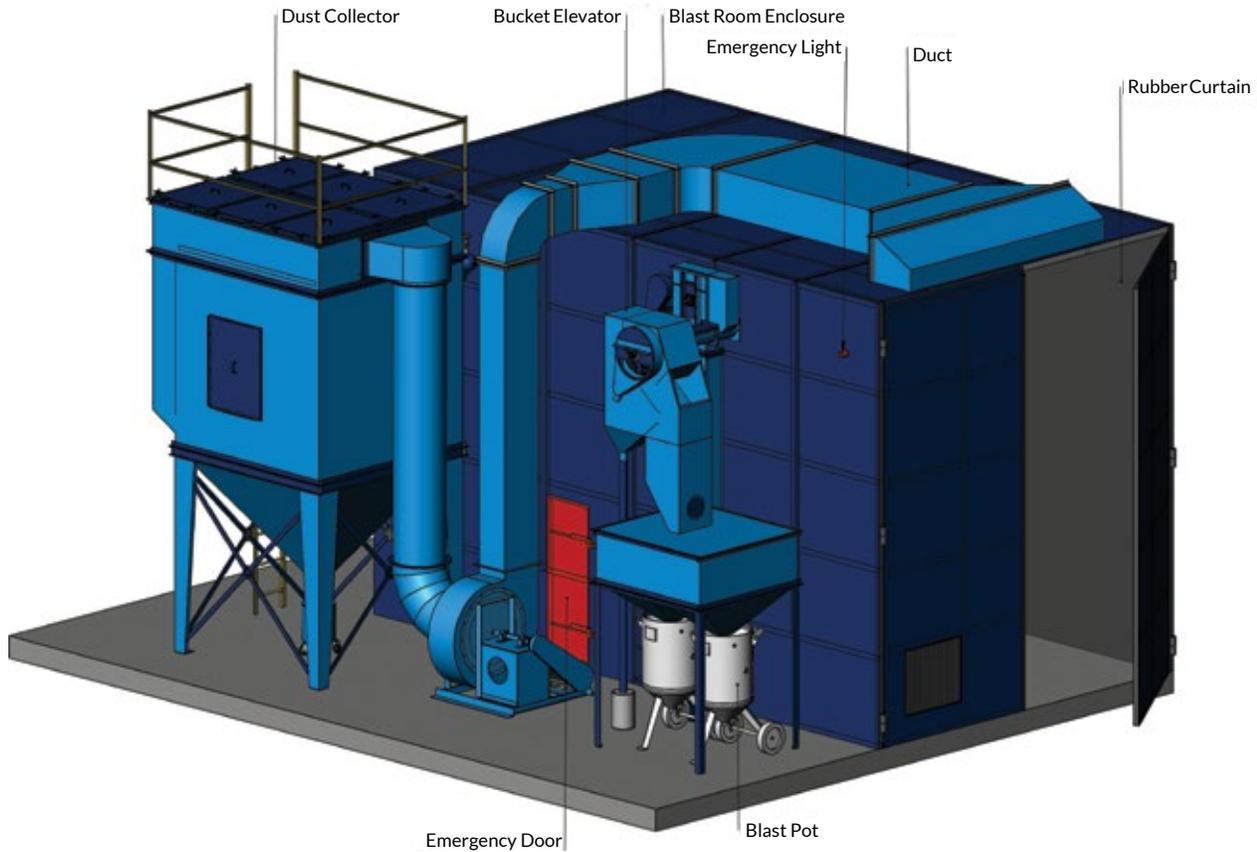
Designed to coat the internal curved surface areas of pipes and tubes quickly and evenly without rotating the job. Both machines will comfortably spray heavy duty protective coating systems. While its operation, a rotating head powered by an air motor sprays paint by centrifugal force against the surface. It is manually pulled through the pipe at a pre-determined speed based on film thickness and type of coating.

Clemco Orbiter

An innovative and highly efficient solution to the difficult job of applying paint to the inside of pipe or tubing. Designed to produce a uniform layer of paint at remarkable speed and is easy to operate and maintain. Typical coating rates of 10 lineal feet per minute (3m/min) are obtained for most type of paint.



Blast Booth



A Blast Booth should be robust, simple and efficient. We carry out the whole project from design to erection offering you a one top deal to solve your blasting problems. The principal components are built to a set of design standards which allow for a semi-modular construction giving valuable savings in cost but still allowing complete flexibility.

Blastline India can offer:

- Wide range of blast rooms for blasting steel welded structural, wind towers, railway wagons, transformers, etc.
- Different types of blast rooms (portable, mobile, stationary from small to large with trolley systems, etc.)
- Customized for your particular needs
- Designed for all types of work handling
- Erection and turnkey installations

Blast Booth Accessories:

Blast equipment, operator's safety, abrasive recovery systems, dust collection, workpiece handling, electric controls, etc.

Components of an Effective Blast Facility:

- Recovery System
- Media Cleaning System
- Blast Enclosure
- Work-piece Handling
- Dust Collection
- Blasting System
- Operator Safety
- Compressed Air Supply
- Controls

Blast Booth

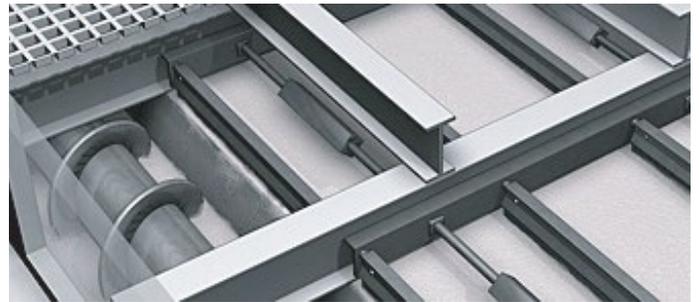
Media Choice Derives Recovery System Selection

The recovery system catches and transports the used abrasives for cleaning and reuse. It is the heart of the blast room system, and the key to efficiency and return on investment. Unique methods of recovery suit specific types of blast abrasive. It is therefore critical to determine what blast media will be used before planning the blast room or requesting a quotation. Blastline systems are classified as mechanical or pneumatic. Mechanical Recovery is for heavy abrasives such as steel grit and other coarse-mesh abrasives. Pneumatic recovery handles steel grit but is also suitable for lightweight materials like plastic beads, aluminum oxide, glass beads up to size 16 grit.



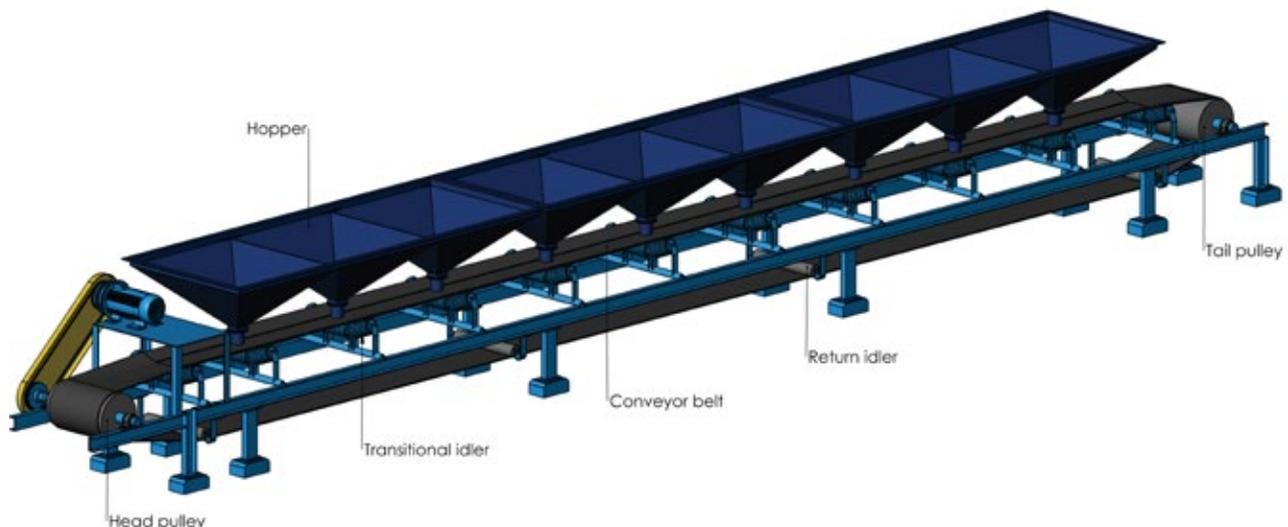
Scrapper Floor System

Scrapper Floor System is a full-area recovery system with minimal pit requirements. The Scrapper floor recovers abrasives through a series of channels. The channels are fitted with vanes that moves forward and backward. In this system, there is a complete grid floor over the entire area of the room. During the blasting process, the abrasives fall through the grid floor and are conveyed by scraper vanes to a cross scrapper that feeds into the elevators



Belt Conveyor System

The Blastline Belt Conveyor system is simple, reliable and very low maintenance. The belt system can be configured as a full-area or partial area recovery system. Spent abrasives falls to the floor and into channels covered by floor grating. Below the gratings are recessed hoppers, engineered to meter the abrasive onto the belt.



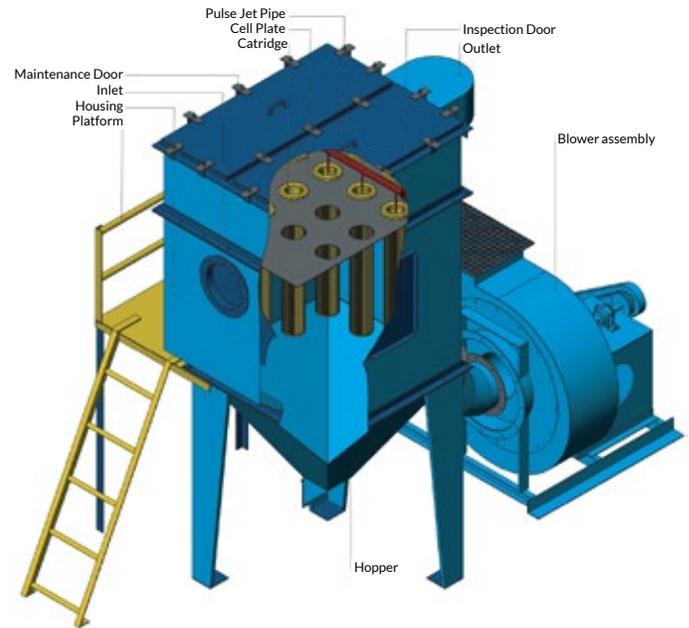
Dust Collector Systems

Blastline provides two types of dust collector systems for small and heavy job profiles:-

1. Cartridge Type Dust Collector System
2. Fabric Bag Type Dust Collector System

Cartridge Type Dust Collector System

The Blastline Cartridge Type Dust collector is built for rigid and high performance with continuous operation specially for blast application. The system has Reverse Jet Pulse Filter cleaning system which ensures the filter cleaning by pulsing the accumulated air with multiple pressures and cleans the cartridge at regular intervals. The dust collector design capability ranges from 8000 - 56000 cfm with maximum dust recovery and visibility for the blasting operator. Cartridge type has more filter surface area in a small housing making it suited for range of industrial application. Example: 100 bags can be replaced with 36 cartridges resulting in smaller footprint and height.



Fabric Bag Type Dust Collector System

Fabric Bag Dust Collector Systems are widely used to raise product efficiency by extracting dust particles thoroughly from it. The grime removal method of fabric bag bestows premium filtration and eliminates every single particle. These systems are useful for high-temperature applications and all other types of applications by resisting dirt in all possible ways. It contains long tubes or bags of fabric media to contain the dust. The filter media is decided by operating temperature and dust load. Bag type is suitable for high temperature and moisture environment. It is adequately durable and flexible and has a good release property, which doesn't allow for any clogging issues. When the load of dust is high, this fabric bag system is preferred. A range of filter media is available to handle heat, spark and acid gases.



Vibrating Screen & Control Panel

Linear Vibrating Screen with Bucket Elevator

Linear vibrating screen is designed with a dual vibration motor drive. Linear vibrating screen is suitable for particle size from 0.074 -5 mm, the maximum size should be less than 10mm.

All coarse contaminants such as welding rods, rust, and paint flakes etc. as well as fines are removed together with the dust, leaving well cleaned abrasive media for reuse.



Control Panel

Blastline, Blast room compress of highly safe and user-friendly control panel system for the operation of electrical and electro-pneumatic operation. The control panel design is centralized with switch gears, MCB, DOL starters and thermal overload relays. Blastline control panel station on the abrasive blast room exterior wall. It is the watch dog for the units key function- Dust collector, Blowers, Door interlocks, Recovery systems, and Room lights. Status lights show function "ON" and "OFF" conditions. To maximize the efficiency, the control panel has off timer delay to make the extraction checks that blast booth is clean from existing dust.



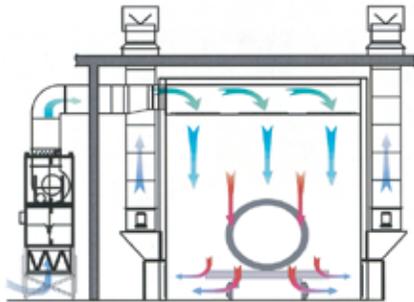
Operator Training

A well trained operator can do better blasting and cover more blasted surface with better quality on required profile. Blastline offer training program to develop Operator skills and ensure their safety precautions during operation.

- How to use their proper PPE during blasting
- How to select the right abrasive for right job
- How to do the blasting with required pressure
- Explaining standards and train them to get correct surface finish
- Train them to get the right profile and reduce peak valve.

Paint Spray Booth

Blastline India manufactures a complete range of uniquely designed spray booth for a wide range of applications. Our spray booth are known for its highest quality, reliability and performance. We are committed to the design and manufacture of innovative products for the finishing industries. The spray booth is suitable for all type of airless and electrostatic painting. The system comprises of spray booth enclosure, filter media for paint trap, air exhaust system comprises of airflow cartridge fan, paint filter paper and ducting systems to keep the exhaust air clean and free from paint contamination.



Easy build spray booths

Blastline has developed easybuild range of spray booths that have been designed for easy assembly, with option to self build. By following the detailed assembly drawings which accompany easy build spray booth package, you can reduce installation costs considerably. All you need to do is employ a local contractor to undertake ducting work either through the roof or wall. Should you wish to have spraybooths installed by Blastline, we will be more than happy to help. The easybuild spray booths from Blastline gives you the best quality spray booth at the most economic price.

Paint Booth Lighting

For an exceptional spray environment, Blastline has a full line of light fixtures: LED, fluorescent, incandescent, explosion proof and replacement bulbs/tubes.



Airflow Cartridge Fan

Spraybooth emissions produce a harsh environment which can cause the premature failure of conventional fans. To combat this, we provide patented airflow cartridge fan specifically designed for spraybooth ventilation. An integral casing provides a sealed protection of the drive mechanism and bearings against in-duct contamination. Manufactured in house to ISO 9001 standards, performance tested, and CE marked before dispatch, the airflow cartridge fan is by default fitted in all blastline spray booths. The cartridge configuration enables the drive mechanism to be removed for routine maintenance without disrupting the fan housing or ventilation ducting.

- 3 phase, 415v, 50hz, non-flameproof motor
- Capacity varies from 1.5Kw, 3Kw, 4Kw, 5.5Kw & 6Kw.

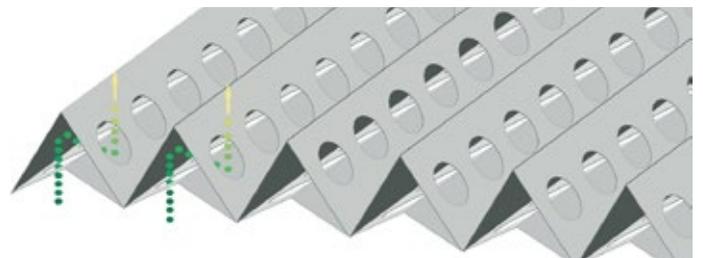


Spray Booth Filter Paper

We offer a range of high quality filters, including industry standard and high efficiency concertina paper type and open weave (soil and strip) media.

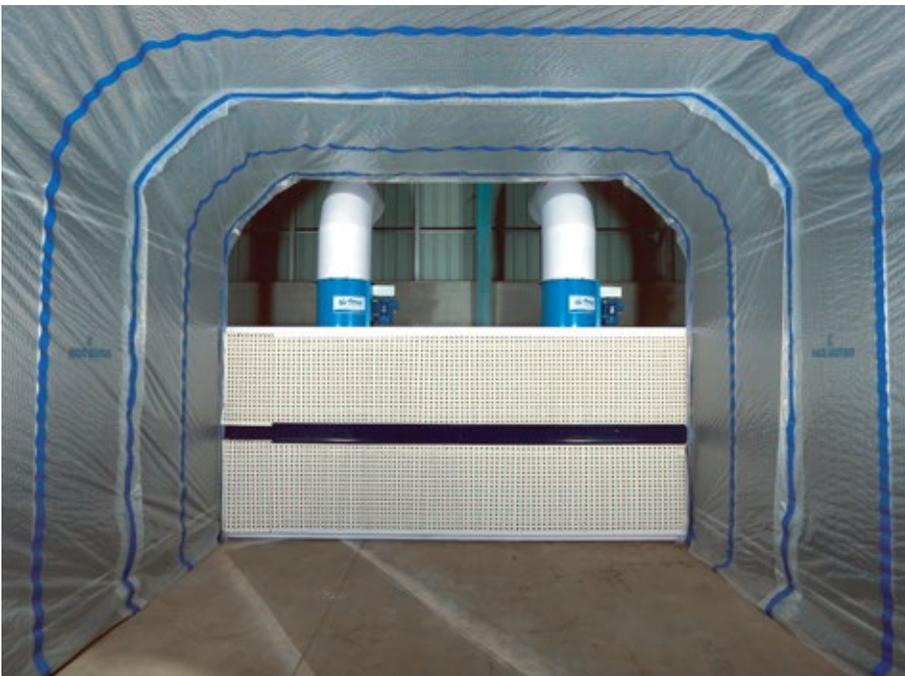
Some advantages of our filters:

- Lasts 3-5 times longer than other filters
- Up to 98% filtration
- Stapled/glued construction for extra strength
- Expansion strapping
- Self-supporting high grade power
- Used for any liquid over spray



Retractable Paint Spray Booth

- Work area folds up to 15% of its original size
- Simple and easy installation
- Versatile - custom built to your requirements Ensures correct airflow around the operator and guarantees removal of VOC's and Fumes
- Consists of Heavy Duty Flame Retardant Clear
- Sheeting held from sturdy steel folding frames



Blast Abrasives

Deccan Garnet

Deccan Garnet is a hard, heavy, durable abrasive. It can be recycled up to 5 times without a loss in performance. Garnet can be used for cleaning steel in various applications including ship building and repair, tanks, offshore platforms, onshore and offshore - piping and pipelines. Garnet has the following advantages & benefits; Cuts fast and reduces abrasive consumption, Environmentally friendly, No special disposal requirements, Low dusting, Recyclable



Copper Slag

Indoblast copper slag can be used on a wide variety of jobs. This is a cost-effective abrasive that can quickly cut through the toughest coatings. Features: Hard, tough abrasive, high bulk density helps to reduce blast times, angular shape quickly cuts through coatings and less than 1% free silica. Sizes: Coarse:- heavy duty jobs, thick rust and coatings removal. Medium:- general purpose work, medium to heavy rust or coatings removal., Fine:- cleaning new metal.



SA Grit

SA Grit will blast off the toughest coatings and can prepare surfaces right for the first time. Achieves the consistent, high quality performance that industries demand in a slag abrasive. Features: Tough, clean and economical, Angular shape to cut through coatings, allows fast and easy cleanup, less than 1% free silica, does not react with coatings, does not attract moisture.



Steel Shot

Grey metal spheres used in airless wheel blast machines to clean foundry castings, surface polishing and shot peening. Also used in portable trackblast airless wheel blast machines for contract floor preparation and profiling. Very long lasting and can be recycled numerous times



Steel Grit

Steel Grit is a hard, angular abrasive that will clean and etch the hardest steel surfaces. Steel grit has a maximum break-down resilience, so with proper recycling equipment, steel grit can be re-used multiple times. Features: Cleans and etches steel, No free silica, Meets or exceeds all industry standards



Blast Abrasives

Brown & White Aluminum Oxide Grit

Brown & White Aluminum Oxide Grit is an extremely aggressive and hard abrasive used primarily for blasting non-ferrous surfaces where ferric contamination is a concern. As an angular, durable blasting abrasive, aluminum oxide can be recycled many times. Aluminum Oxide's high bulk density, hardness, and angular shape give it an aggressiveness that provides a clean, fast cutting action.



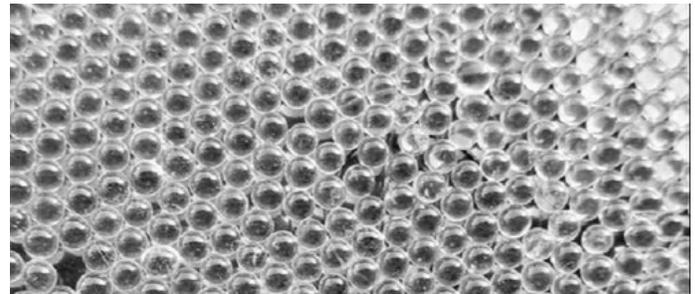
Plastic Media

Plastic Media is a non-aggressive granulated plastic abrasive for use in applications where the underlying substrate cannot be damaged. Cleaning with Plastic Media is a fast, environmentally sound and cost-effective alternative to traditional chemical and hand stripping. The process is now accepted as the optimal method of surface preparation for a wide variety of materials and components.



Glass Bead

To obtain a finish with no profile, Glass Bead is the product of choice. The non-metallic spherical beads provide effective cleaning, polishing, deburring or peening of metal, plastic or rubber materials. Features: No free silica, Works well on stainless steel, Removes paint finishes from automobiles, Clean chrome or copper parts, aluminum wheels & rims



Corn Cob Abrasive

Corn Cob Abrasive is a low-density granular product made from the hard woody ring of a corn cob. This organic product is an accurately screened and air-washed non-toxic media, and can be used both as an absorbent and abrasive. Corn Cob Abrasive is used to debur, burnish, deflash and polish a wide variety of products, including: Engine parts · Ball bearings · Nuts and bolts · Springs · Electric parts



Glass Grit

Our Glass Grit is tough, clean and most importantly economical with less than 1% free silica. It encompasses the optimal combination of desired traits such as angular shape and hardness made from 100% recycled glass with no traces of heavy metal that provides SA-3 White Metal Finish, a perfect substitute for Garnet.



Typical Profiles of Various Abrasives

Abrasive	Size Distribution Range	Profile Range Micron	Profile Range	Surface Finish	NACE Standard	SSPC Standard
Copper Slag	8/40	50 - 100	2 - 4	SA - 2.5	No. 2	SP - 10
Copper Slag	12/40	25 - 75	1 - 3	SA - 2.5	No. 2	SP - 10
Coal Slag	12/40	25 - 75	1 - 3	SA - 3	No. 1	SP - 5
Garnet	30/60	25 - 75	1 - 3	SA - 3	No. 1	SP - 5
Staurolite - Coarse	40/40	13 - 50	0.5 - 2	SA - 2.5	No. 2	SP - 10
Steel Grit	G - 40	50 - 100	2 - 4	SA - 2.5	No. 2	SP - 10
Steel Shot	S - 280	50 - 100	2 - 4	SA - 2.5	No. 2	SP - 10

Abrasive	Shape	Hardness	Specific Gravity (g/cc)	Bulk Density Tons/ M ³	Comparative Recyclability
Steel Grit - GP	Angular	46-50 HRC	7.6	3.7	High
Steel Grit - GL		56-60 HRC			
Steel Grit - GH		Min 60 HRC			
Steel Shot - Normal	Spherical	44-50 HRC	7.4	4.45	High
Aluminum Oxide	Angular	9.0 MOH	3.9 - 3.94	2.4	Medium
Glass Beads	Spherical	5.5 MOH	2.45 - 2.5	1.5	Medium
Garnet	Sub-Angular	7.5-8.0 MOH	4.1	2.4	Medium - Low
Coal Slag	Angular	6.0-7.0 MOH	2.63	1.35	Low
Copper Slag	Angular	6.0-7.0 MOH	3.4	1.9	Low
Crushed Glass	Angular	6.0 MOH	2.5	1.5	Low
Silica Sand	Spherical	5.0-6.0 MOH	2.65	1.5	Low
Sodium Bicarbonate	Angular	3.0 MOH	2.25	0.8	Low
Corn Cobs/ Walnut Shells	Angular	2.0-2.5 MOH	1.15	0.6	Medium-Low
Olivine	Sub-Angular	7-8 MOH	3.3	1.7	Low

Typical Capacity of Industrial Air Hoses

Maximum Recommended Air Flow (CFM) ANSI Standard

SIZE PSI	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"
60	8.0	18	34	50	93	195	290	560	900
80	10.5	23	44	65	120	255	380	720	1200
100	13	29	54	80	150	315	470	900	1450
150	20	41	80	115	220	460	680	1350	2200

For Conversion to Cubic Meter Divided by 35.3

Compressed Air Requirements for Various Nozzles

Nozzle Orifice	Pressure (psi) (bar)	50 3.5	60 4.2	70 4.9	80 5.6	90 6.3	100 7	125 8.5
No: 3 3/16" 5mm	Air Volume							
	CFM	26	30	33	38	41	45	55
	m3/min	0.73	0.84	0.92	1.06	1.15	1.26	1.54
	Abrasive kg/hr	85	97	111	123	136	136	180
No: 4 1/4" 6mm	Air Volume							
	CFM	47	54	61	68	74	81	98
	m3/min	1.31	1.51	1.71	1.9	2.08	2.27	2.75
	Abrasive kg/hr	152	178	200	231	254	280	336
No: 5 5/16" 8mm	Air Volume							
	CFM	80	90	100	115	125	140	170
	m3/min	2.16	2.5	2.83	3.16	3.53	3.84	4.71
	Abrasive kg/hr	255	302	342	380	420	460	552
No: 6 3/8" 9.5mm	Air Volume							
	CFM	110	125	145	160	175	200	235
	m3/min	3.02	3.53	4	4.5	4.85	5.5	6.64
	Abrasive kg/hr	378	433	490	544	596	653	784
No: 7 7/16" 11mm	Air Volume							
	CFM	150	170	200	215	240	255	315
	m3/min	4.12	4.76	5.44	6.09	6.73	7.11	8.8
	Abrasive kg/hr	507	585	655	744	820	896	1075
No: 8 1/2" 13mm	Air Volume							
	CFM	200	225	250	275	300	340	410
	m3/min	5.46	6.28	7.06	7.85	8.85	9.46	11.46
	Abrasive kg/hr	657	756	856	951	1050	1148	1378

* Abrasive consumption is based on material with a density of 1.5kg per liter
1 Bar = 14 Psi 1 m³/m = 35 CFM

▼ Ideal Pressure Values

Complete Blast System

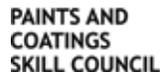


Compressor, Aftercooler, Moisture Separator, Oil Free Filter, Air Receiver, Blast Machine, Heavy Duty Coupled Air Hoses, Blast Hose Coupled with Nozzle Holder and Quick Coupling, Remote Control, Deadman Handle, Blast Helmet, Cool Air Tube, Helmet Air Filter, Nozzle, Blast Suit, Blast Gloves and Safety Whip Check Cable.



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