

ABRASIVES • BLASTING • PAINTING • SAFETY • INSPECTION INSTRUMENTS

BLASTLINE

INDIA PVT LTD



*Innovative,
Intelligent
Inventory for
all your blasting
needs.*



INTRODUCTION

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 expert faculties and superior equipments, provide effective training for the aspirants to 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 endeavours to add to the product line-up with better precision and productivity in the years ahead.

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PORTABLE BLASTING MACHINES



Blastline offers a range of portable blasting machines able to cope with virtually all types of outdoor blasting environment, which requires maneuverability, or fixed variants for working in an environment like a blast room. Tried and tested throughout the world the blastline range of blast machines combines rugged efficient operation with maximum site safety. Hydrotested 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.

Model Number	Machine Capacity (Litres)	Height (mm)	Diameter (mm)	Description
BL1080	20	711	254	Smallest in our range, this machine is ideal for remedial work, glass etching and general maintenance. Easily transportable, this machine has a blast time of approx.10-15 minutes.
BL14160	50	1061	357	With a continuous blast time of 20-25 minutes, this machine is ideal for the small to medium contract where mobility yet high production is required.
BL20300	100	1061	508	This machine is designed for the medium contractor. It has a continuous blast time of 35-40 minutes.
BL24650	200	1346	610	A robust machine for the professional contractor offers a continuous blast time of 45-50 minutes. Ideal for shipyards, oil refineries, gas and heavy fabrication industries.
BL24800	300	1575	610	The largest portable machine of our product range offers a continuous blast time of 60-75 minutes. It is designed for continuous production, maximum output, minimum downtime between abrasive refilling.



BLAST MACHINES 300 LITERS

Single And Double Chambers

Blast machine 300 Lts 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.



Blast machine 300 Lts 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 the top of the 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 two 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, or 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 he 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 a 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 gets only 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.

BLASTLINE ABRASIVE BLAST MACHINE & AIR RECEIVER CERTIFIED WITH ASME/CE STANDARD (WP 150PSI)



ASME 'U' Certified High Volume Moisture Separator /Receiver Tank

Material of construction is ASME SA516 Gr.70 Boiler & Pressure Vessel class Carbon Steel Plate. Portable 1600 CFM capacity coalescent filter removes water from the compressed air supply for multiple blast machines and other pneumatic tools requiring a dry high volume air supply. Supplied with one 2" inlet, four outlets, manual drain valve, safety relief valve and pressure gauge. Stage Inspection activities are cleared and MDR (Manufacturer's Data Report) is approved and the unit is Hydrotested at 250 psi by AIA (Authorized Inspection Agency) of ASME.

TECHNICAL SPECIFICATION

Diameter	496 mm
Height	457 mm
Weight	
No. of Outlet(S)	4
Wheel Diameter	406mm(16ins)
Safe Working Pressure	10.5Kg/cm2(150psi)
Hydrostatic test pressure	18.0kg/cm2 (250psi)
Fabrication Standard	ASME, SECTION VIII, DIV 1.



ASME 'U' Certified Abrasive Blast Machine

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 well designed concave head with automatic pop up valve which helps to reload abrasives in less time.
- A 45° conical bottom for better abrasive flow.
- Ranges of abrasive metering valves available. Large semi pneumatic tires are ideal for maneuvering the abrasive blasting pot around the work site.

TECHNICAL SPECIFICATION OF BLASTLINE ASME/CE CERTIFIED PORTABLE BLAST MACHINES.

DATA	BLI-200A
Machines Diameter	0.610m(24ins)
Machines Height	1.321m (52ins)
Machines Weight	200kg(350lbs)
Abrasive capacity	272.7kg(600lbs)
No. of Chamber(S)	One
No. of Outlet(S)	One
Wheel Diameter	406mm(16ins)
Safe Working Pressure	10.5Kg/cm2(150psi)
Hydrostatic test pressure	18.0kg/cm2 (250psi)
Fabrication Standard	ASME, SECTION VIII, DIV 1.



BLAST MACHINES

BL 24650 Automatic



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 hydrotested to 300 psi. It optimises 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. The above machine is also available in a model with manually operated valve.

BL 24650 Manual



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 1 1/4 inch, air connection size 1 1/2 inch. Approximate rate of production is from 14 to 20 square meters per hour.

Blast System Package

The entire blast system package consists of Blast machine with FSV metering valve, pneumatic remote control system fitted 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 MACHINES



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 manually 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 1 ¼ 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 gloves.



BLAST MACHINES

BL 14160 Automatic



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 hydrotest pressure of 300 psi,

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

BL 14160 Manual



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 MACHINES & CABINET



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



Abrasive Blast Cabinet

An economical state-of-the art machine at a price accessible to all sectors of industry due to its performance and affordability. All Cabinets use standard suction feed method; compressed air is used to create a venturi effect which is used to draw blast media from the hopper of the cabinet up to the blast gun where it is propelled onto the surface of the components which are to be treated. The media then falls back to the hopper and is recycled. Blast Cabinets are designed for use with most common recyclable blast media from glass beads to coarse aluminium oxide. These blast cabinets can tackle hundreds of various applications from automotive to industrial markets.





SYSTEM PACKAGE AND REMOTE CONTROL

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 (1 1/4" I.D.) heavy duty blast hose coupled with nylon nozzle holder and cast iron quick coupling, 20 m coupled twinline remote control hose, BTSDX 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 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, an outlet valve, a deadman 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.



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.



Auto Air Valve

Auto air valve used in conjunction with the Thompson valve to provide a pressure-hold remote control system. Available in four sizes to adapt your vessel's air flow needs.



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 1 1/4" and 1/2" sizes



Micro Valve:

The microvalve 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 1/2", 1" and 1 1/4" sizes



Garnet Valve:

Fixed orifice abrasive metering valve specially designed while garnet is used as the abrasive material. A urethane insert within the centre 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 abrasive media flow while the vessel remains constantly pressurised. 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 handwheel 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 AND 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 ($\frac{3}{8}$ "),
Tail & Nut and Nipples ($\frac{1}{4}$ " & $\frac{3}{8}$ ")



Black Steel Air Fittings

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



Check Valves

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. $\frac{1}{4}$ " NPT male connection. Maximum temperature 300° F. ASME approved.



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

Full Bore Ball Valves

- Multi purpose inline 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 $\frac{1}{4}$ " to 1", all sizes have two $\frac{1}{4}$ " 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 cupreous 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



Brass (NHB 1, 2, 3 & 4)



Aluminum (NHA 1, 2, 3 & 4)



Nylon (NHP 1, 2, 3 & 4)

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



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



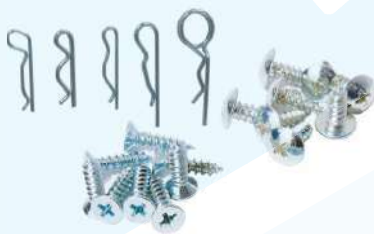
Gaskets for
Blast Couplings.



Nozzle Washers
Use Nozzle washers
between the hose and
nozzle to absorb the
abrasive impact.



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 Aluminium Jacketed Nozzles

Long Venturi - 1¼" entry, 50 mm thread, these widely used, robust nozzles are the preferred choice of blast cleaning operatives worldwide, as they provide excellent durability and wear resistance.



Tungsten Carbide Polyurethane Jacketed Nozzles

Long Venturi - 1¼" entry, 50 mm thread with excellent durability and wear resistance properties of aluminium 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 Aluminium 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 aluminium 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 Aluminium Jacketed Stick-Up Nozzles

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



SUCTION & WET BLASTING NOZZLES



Injector Gun E21 with Hose

This gun is equipped with a suction hose and pipe. The suction pipe can be put into a bag/barrel from where the abrasive will be sucked to the blast gun and sprayed on to the surface. The air and blast nozzle are made out of hardened steel and the handle is chromed.



Power Gun:

Power Gun is a suction blast tool designed for dry abrasive blasting where the air supply is limited or the job is small.



Suction-Blast Gun with TC Nozzle.

It is suited for light-duty, and small touch-up blasting jobs. This high quality hand gun with TC nozzle and front trigger with full-hand grip for operator comfort.



Eductomatic

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

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 Scalars

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



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 Injection Wet Blasting Attachment

Injection Head screws between
 • Nozzle and Holder. Injects water
 • internally into the abrasive - airstream.
 Unit includes water flow needle valve.



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.



Bristle blaster

The MBX Bristle Blasting System—an innovative surface preparation solution that removes corrosion and generates an anchor profile in a single step. The MBX Bristle Blaster offers distinct advantages over conventional surface preparation methods and will yield superior results—with far less time and effort.





HEAVY DUTY SUPER BLAST HOSE



Blastline supplies long-lasting heavy-duty super blast hose that is exceptionally tough and abrasion resistant, for use in grit, garnet and sand blasting service; it is manufactured with anti-static rubber granting a complete discharge of static electricity. This anti-static hose has an additive in the polymer that allows them to conduct the static and does not require a grounding wire.

Temperature Range :-
- 40°C (- 40°F) to + 70°C (+158°F)

Construction

Tube : black, smooth with excellent resistance to abrasion; it is anti-static

Reinforcement : high strength synthetic cord

Cover : black, smooth (wrapped finish) highly abrasion resistant synthetic rubber; it is anti-static

Coils : 20, 40 or 60 meter continuous length.

I.D.		O.D.		Working Pressure		Bursting Pressure		Weight (nominal)
mm	inch	mm	inch	atm	psi	atm	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 7/8	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

Hypodermic Pressure Gauge

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

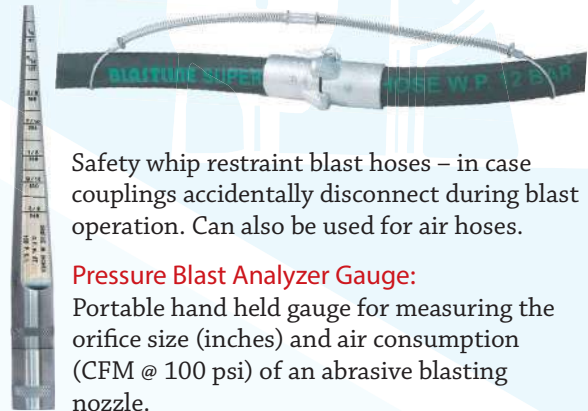


Blotter paper



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 AIRLINE HOSES



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 terms of 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.



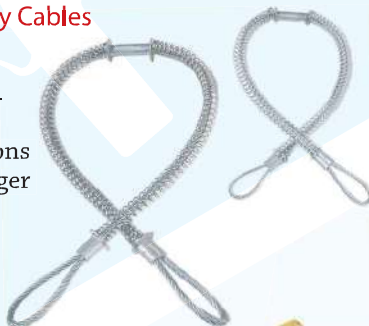
A general purpose air hose mandrel built and engineered for medium to heavy-duty applications. It's strong yet flexible construction guarantees a long life and easy handling.

General Technical Data

SIZE RANGE			WORKING PRESSURE		BURST PRESSURE		AVERAGE WEIGHT		MAX. LENGTH	COLOUR COVER
I.D.	O.D.	BAR	psi	BAR	psi	kg/meter	Meters			
6mm	13mm	20	300	60	900	0.16	120	Red/Black		
10mm	18mm	20	300	60	900	0.27	120	-"		
13mm	23mm	20	300	60	900	0.41	180	Yellow		
19mm	29mm	12	175	50	700	0.55	80	Black		
19mm	33mm	20	300	60	900	0.80	61	Yellow		
25mm	38mm	20	300	60	900	1.00	61			
32mm	48mm	20	300	60	900	1.50	61			
38mm	54mm	20	300	60	900	1.70	61			
51mm	70mm	25	360	75	1080	2.50	61			

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.



Twinline Remote Control Hose

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

Air Breathing Hose

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



Nylon Whipchecks











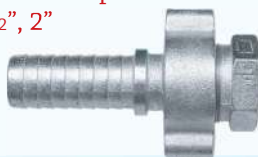
UNIVERSAL AIR COUPLINGS

Oil Resistant Washers
Precise Casting
Superior Sealing Action
Complete Interchangeability



Hose End			Size	Malleable Iron Part No.
			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.
			1 1/4"	HE 125
			1 1/2"	HE 150
			2"	HE 200
	Malleable Iron Male End-NPT		1 1/4"	ME 125
			1 1/2"	ME 150
			2"	ME 200
	Malleable Iron Female End-NPT		1 1/4"	FE 125
			1 1/2"	FE 150
			2"	FE 200

Coupling with Female spud
Size: 1 1/4", 1 1/2", 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
		1 1/2"	2	SL 60	48 - 60 mm
Double Bolt Clamps with safety claws		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	1 5/16 - 1 1/16 inch
		3/4"	2	2BC 075	1 3/16 - 1 5/16 inch
		1"	2	2BC100	1 17/32 - 1 23/32 inch
Heavy Duty 4-Bolt Type		1"	4	4BC 100	1 17/32 - 1 23/32 inch
		1 1/4"	4	4 BC 125	2 1/8 - 2 3/8 inch
		1 1/2"	4	4 BC 150	2 3/16 - 2 3/8 inch
		2"	4	4 BC 200	2 1/2 - 2 25/32 inch

Brass Hose Menders		Hose ID - 4 mm, 6 mm, 8 mm, 9 mm, 10 mm, 13 mm
Steel Hose Menders		Hose ID - 10 mm, 13 mm, 19 mm, 25 mm, 32 mm, 38 mm
Male Thread stems		Hose ID - 6 mm, 8 mm, 10 mm, 13 mm, 19 mm, 25 mm



Crimp clamps

Center punch
clamps










Small Hose Clamps

Hose Clips with Worm Gear
Bolt with cross-slot hex head





BRASS QUICK-DISCONNECT COUPLINGS

Coupler with male NPT		NPT size 1/4 3/8 1/2	part number 2751 2752 2753
Coupler with female NPT		NPT size 1/4 3/8 1/2	part number 2701 2702 2703
Coupler with hose end		hose size 1/4 3/8 1/2	part number 2761 2765 2763
Plug with male NPT		NPT size 1/8 1/4 3/8 1/2	part number 2820 2821 2822 2823
Plug with female NPT		NPT size 1/8 1/4 3/8 1/2	part number 2810 2811 2812 2813
Plug with hose end		hose size 1/8 1/4 3/8 1/2	part number 2771 2774 2775 2773
Three-way Distributors complete with quick connecting couplings		Four-way Distributors all equipped with quick connecting couplings	
			

AIRLINE FILTER & 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 17°C. 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

The 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, ultrafine 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.



Breathing Air Compressors—portable

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.



BB100-CO8



BB30-CO2

BB50-CO4

The 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 downtime and costs.



AIR-PAK 75 SCBA

The Air-Pak 75 has been the leading SCBA used by first responders and municipal and industrial firefighters since its introduction in 2007. The key reasons for its success are:

Available in 2.2, 4.5, or 5.5 Cylinder Pressures, Duration available - 30', 45', 60', or 75', Dual Redundant Pressure Reducer, Vibralert Tactile Alarm, Reduced Cost of Ownership, Top Down Convertibility, Uses the AV-3000 HT, Facepiece (sold separately).



AIR SUPPLIED BLASTING HELMET



ASTRO Abrasive Blasting Helmet

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.



Nova 2000

The Nova 2000 abrasive blasting helmet is a world leader renowned for its unique operator comfort. The luxurious pillow foam padded interior provides a comfortable and quiet environment which is never seen in the blasting industry before. Made of HDPE (high density poly ethylene), U.V stabilized and characteristically abrasion resistant. Large, double lens for optimum vision without irritating side glare. It has an air duct distribution system – diffuses an even flow of breathing air throughout the helmet to cool your head and face and prevents the lens from fogging.



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.



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 moulded from engineering grade nylon.



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.

Helmet Replacement Lenses





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.



Over Spray Foot Covers

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

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

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

Painting Hood Junior B

The Junior B airhood 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

Safety goggles that feature a comfortable, multi lens feature that allows quick change of the lens. When the disposable lens becomes scratched or coated, the wearer simply pulls a new one across the permanent lens. This restores visibility instantly without the need to remove or clean the goggles.



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

For Clean, Dry & Oil Free Air !

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 combination of these filters.



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 rises over the set safety pressure, the safety valve will be activated releasing compressed air until the set maximum pressure is reached again.



High Volume Moisture Separator /Receiver Tank

Portable 1600 CFM Capacity coalescent filter removes water from the compressed air supply for multiple blast machines and other pneumatic tools requiring a dry high volume air supply. Supplied with 2" one inlet, four outlet, manual drain valve, safety relief valve and pressure gauge.





AIRLESS SPRAYERS



Graco's

Graco's new, more powerful Xtreme sprayers with new NXT technology offer new features that will increase rate of productivity. Its air motor lasts 10 times longer than the Graco King. Xtreme NXT will handle the toughest coatings and corrosion control applications. Multiple models and configurations are available ensuring the precise pressure and output needed for high performance coatings spraying applications.



Throat Seal Liquid

Features

Superior Performance - 10% more pressure and improved flow. Lower Maintenance Costs - Finish routine maintenance and repairs in half the time of competitors' pumps. Longer Life - Plasma Coat™ rods and Xtreme Seal™ packings more than double the life of the pump.



Repair Kits

Pressures And Flows For All Your Toughest Airless Spraying

	Output per cycle	Air Motor Size	Max. Working Pressure psi (bar, Mpa)	Max. Air Input Pressure psi (bar, MPa)	Max. Free Flow Output gpm (lpm)	Output at 60 CPM gpm (lpm)	Complete Packages	
							Data Trak YES	NO
X25	290cc	NXT 3400	2375(164,16.4)	100 (7,07)	13.8 (52.2)	4.6 (17)	X25DH1	X25DH3
X30	220cc	NXT 3400	3150 (217,21.7)	100 (7,07)	10.0 (38)	3.4 (12.9)	X30DH1	X30DH3
X35	115cc	NXT 2200	3800 (262,26.2)	100 (7,07)	6.0 (22.7)	2.0 (7.6)	X35DH1	X35DH3
X40	180cc	NXT 3400	3800 (262,26.2)	100 (7,07)	8.5 (32)	2.9 (11.0)	X40DH1	X40DH3
X45	290cc	NXT 6500	4550 (313,31.3)	100 (7,07)	13.8 (52.2)	4.6 (17)	X45DH1	X45DH3
X46	145cc	NXT 3400	4750 (327,32.7)	100 (7,07)	7.5 (28)	2.3 (8.7)	X46DH1	X46DH3
X50	250cc	NXT 6500	5200 (359,35.9)	100 (7,07)	11.3 (43)	4.0 (15.2)	X50DH1	X50DH3
X55	115cc	NXT 3400	5950 (410,41.0)	100 (7,07)	6.0 (22.7)	2.0 (7.6)	X55DH1	X55DH3
X60	220cc	NXT 6500	6000 (417,41.7)	100 (7,07)	10.0 (38)	3.4 (12.9)	X60DH1	X60DH3
X70	180cc	NXT 6500	7250 (500,50.0)	100 (7,07)	8.5 (32)	2.9 (11.0)	X70DH1	X70DH3
X90	145cc	NXT 6500	7250 (500,50.0)	80 (5.4, .54)	7.5 (28)	2.3 (8.7)	X90DH1	X90DH3

AIRLESS SPRAYERS



Graco XP Plural-Component



The Graco XP70 Plural-Component Sprayer is designed to pump, mix and atomize high-viscosity, high-solids coatings with superior results. In addition, the XP70's design allows you to gravity feed, which may eliminate the need for feed pumps, saving you money. When you upgrade from hand mixing, you'll find that the XP70 provides excellent return on investment, by reducing material waste and by using less clean-up solvent. Reduced material waste, No more throwing away unused mixed material at the end of the day, Save money by using less clean-up solvent, Consistent material quality - no more guesswork or human error in measuring materials, Easy to operate - minimal training required, Reduced maintenance costs, Rated for 7250 psi (500 bar, 50 MPa) to handle viscous materials and long hose lengths

Graco e-Xtreme Electric Airless Sprayer

The Graco e-Xtreme Electric Airless Sprayer is the world's first electric sprayer for protective coatings approved for hazardous locations. The e-Xtreme operates on a more reliable, convenient and available electric power source, which improves jobsite inefficiencies associated with compressors. If your air compressor goes down, you no longer have to stop production. More so, electric technology eliminates pulsation and motor icing, making your jobs run smoothly - every time!



Features:

Plug-in and spray electrical power - no compressors needed, No air motor means no icing, Quiet operation for when sound is an issue, Hazardous location approved - the first of its kind
Plenty of power for all sorts of applications
Available 3-year extended warranty



Graco Gun Splitter

The Graco Gun Splitter lets you use two spray guns with one XP Plural-Component Sprayer. In addition, you can independently clean and flush one gun, while the other gun remains in use. If you're using a higher production XP machine such as the XP50 or XP70, the Gun Splitter helps you become even more productive.



AIRLESS PAINT GUN & ACCESSORIES

Graco Airless Silver Plus Gun

The silver plus airless gun is known for its durability, long life, spraying performance and comfortable design. It is the preferred gun for high pressure applications.



Graco XTR - 7 Airless spray Gun

Heavy duty industrial coating spray gun with compact and economical design comes with 2 or four finger trigger, 7250 psi. Includes heavy duty RAC tip and guard.



Graco Airless spray Flex plus Gun

Flex plus gun is lightest weight gun, available for airless spray and line stripping applications.



Graco SG3 Gun



Gun
Repair kit



Graco Pressure Rollers, Pole Guns and Tip Extensions

Pressure rollers: Evenly distributes paint with no heavy build-up, Light weight design for less fatigue. Pole Gun: For unmatched spraying performance in high or recessed areas. Tip Extension: Includes RAC tip guard with $\frac{7}{8}$ in (22 mm) gun nut and One Seal, can be combined for extended reach up to (6ft) 1.8 m.



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 aluminium or polyethylene.



High Pressure Gun Swivel

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



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.



Paint Strainer Bags

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

ELECTRIC SPRAY EQUIPMENT FOR QUICK COATING



Graco UltraElectric Sprayers

Compact professional electronic airless sprayers deliver solid performance and long life.
Available in Ultra 395/490/595/695/1095 and other models.

Ultra Max II 390



Graco Ultramax II 390 Electric Sprayers 0.021 Max Tip 1.8 lpm
5/8 HP (0.5 kW) 3300 Max psi (227 Bar) Support up to 50 feet

Ultra Max II 490



Electric Sprayers 0.023 Max Tip 2.0 lpm 1 hp (0.7 kW)
3300 Max psi (227 Bar) Support up to 100 feet

Ultra Max II 695 Electric Sprayers



0.029 Max Tip 3 lpm 1.75 hp (1.3 kW) 3300 Max psi
(227 Bar) Support up to 300 feet (2 guns)

Ultra Max II 1095 Electric Sprayers



0.045 Max Tip 4.4 lpm 2.2 hp (1.6 kW) 2200 Max psi
(227 Bar) Support up to 300 feet (2 guns)

Electric Airless/ Texture Mark V



It's job-proven texture capabilities enable it to spray skim coat
in a Level 5 finish, and drywall mud in an orange peel, splatter,
or knockdown finish. It can even airless spray a wide range
of primers and paints.

G-Max



GMax are the most versatile sprayers in the Tex Spray
product line. The powerful piston pump design sprays drywall
mud, paint, or textures. Skim coat walls with ease! Spray
drywall mud like paint for skim coat, hand textures, and more.

X Force HD Cordless Airless Sprayer



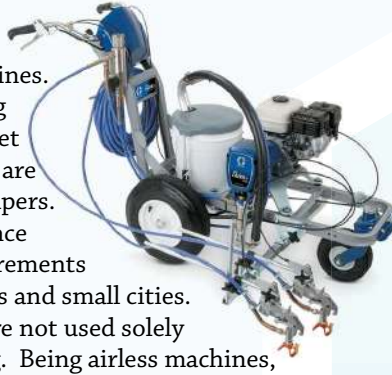
Graco XForce HD, the Industry's first cordlessairless sprayer
designed to spray the toughest protective coatings
and corrosion control materials. Utilizing proven ProSpray
Technology, it delivers Graco's professional piston-pump design
in the palm of your hand.



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.



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 and 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.



Sanding Block Foam Sander

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.

Paint Brushes



Mini Roller

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

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.

SPRAY TIPS, FILTERS & ACCESSORIES



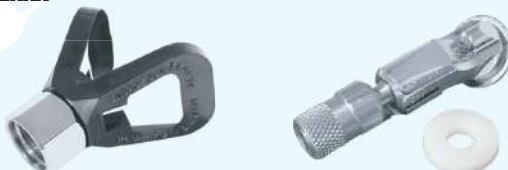
Tip Guards

RAC Hand Tite Tip Guard 243161 for RAC 5, 246215 for RAC X XHD001 for RAC XHD



Adjustable Self Cleaning Tips

341xxx



Operator - selected fan sizes & complete control of the orifice opening give the Adjustable Tip versatility. Fully adjustable fan widths from 2" to 24" reduce overspray.

Tip Gaskets and Seal Kits



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



Gun Filters

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



RAC 5 Switchtips, Black (Odd #)

286xxx General spray tip for all common coatings



WideRAC X Switchtips, Blue

WRxxxx 24 in (610 mm) spray pattern



Xtreme Heavy Duty XHD RAC Tip Grey

For pressures up to 7250 psi (500 bar)

Flat Spray tips

269xxx



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.



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)



AIRLESS HOSE, HOSE FITTINGS & PAINT MIXERS

Blastline steel braid paint spray hose



Size	I. D.		Reinforcement	O. D.		Minimum Bending Radius		Maximum Working Pressure		Minimum Burst Pressure		Approximate Weight	
Inch	Inch	mm	Braids	Inch	mm	Inch	mm	PSI	kgf/cm ²	PSI	kgf/cm ²	lbs/ft	g/m
1/4	1/4	6.4		0.453	11.5	1.6	40	6000	430	18400	1290	0.98	146
3/8	3/8	9.5	1 wire Braid	0.610	15.5	2.2	55	5100	351	13700	960	1.53	228
1/4	1/4	6.4		0.535	13.6	1.8	45	8500	500	28500	2000	1.54	230
3/8	3/8	9.5	2 wire Braid	0.689	17.5	2.4	60	6400	450	25700	1800	2.52	375



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 $\frac{3}{4}$ hp. Speed range is 300 to 3000 RPM. Blastline special twin blade mixers operate with both electric and air driven chucked power tools.

High Pressure Hex Nipples

$\frac{1}{4}$ in NPT(m) x $\frac{1}{4}$ in NPT(m), $\frac{3}{8}$ in NPT(m) x $\frac{3}{8}$ in NPT(m), $\frac{1}{4}$ in NPT(m) x $\frac{3}{8}$ in NPT(m), $\frac{1}{2}$ in NPT(m) x $\frac{3}{8}$ in NPT(m).



High Pressure Swivel Adaptor Unions

$\frac{1}{4}$ in NPT(m) x $\frac{1}{4}$ in NPSM(f), $\frac{3}{8}$ in NPT(m) x $\frac{3}{8}$ in NPSM(f), $\frac{1}{4}$ in NPT(m) x $\frac{3}{8}$ in NPSM(f).



Blastline Constant Agitation Mixers for 20 ltrs can



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.

Chloride Ion Test Kit

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
without memory.



Positector RTR . Replica Tape Reader



Digital spring micrometers measure and record
surface profile param-
eters 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.



Visual Standard and Reference Photographs

Pictorial standards are used to assess cleanliness.

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.

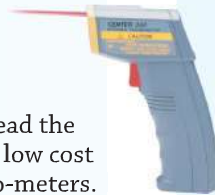
Digital Dew Point Meters

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

Aim and pull the trigger and read the temperature with this rugged, low cost hand held non-contact thermo-meters. Several models available, all are self contained measurement tools with digital display and °C/°F switch. Laser sighting is available.



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.

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



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 dewpoint 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.

DRY, WET FILM & 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.

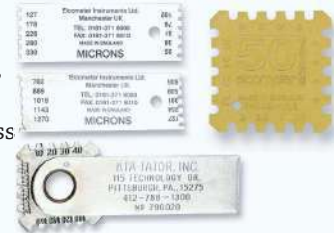
Positector 200

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.

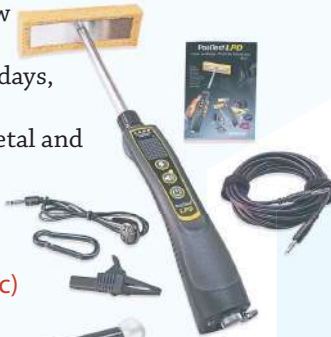




POROSITY & ADHESION GAUGES

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).

Elcometer 107-Cross Hatch Basic Kit

The Elcometer 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.



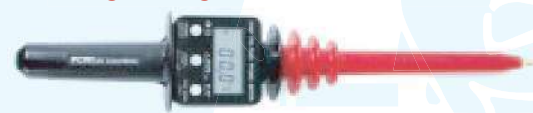
PCWI Compact DC Porosity Detectors

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)

SPV 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

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 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



are 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.



Pipe-pit Gauge:

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



Inspection Tool Kit!

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, fiberglass and plastics. It can be used in any position and in any space that will allow the operators hand.





SPECIALITY INSTRUMENTS

Pocket Sized pH meter

Great for water, laboratory or plant use, these multi parameter Testers feature single-junction pH electrodes for longer life and wider range of sample compatibility pin style conductivity sensors feature stainless steel electrodes for chemical resistance and durability.



Digital TDS Meter

Waterproof testers for measuring pH, electro-conductivity (EC) and/or total dissolved solids (TDS)-in solutions.



Zahn Viscosity Dip Cups



A small, U shaped cup suspended from a looped wire. Simply dip the cup into the product of which viscosity to be measured, lift it out and measure how long it takes for the contents to empty through the orifice. Five cups with different orifice sizes are available, ranging from 5 to 1840 cSt.

Contact Techometer

Simple and easy to use and read measure RPM from 0 to 999999 RPM. Auto range function. Contact rotating object by changing contact spare wheels. Non Sleep mode and hold function in this handy model. Digital display shows Carbon Monoxide level warning. Adjustable Dual display shows Co reading and max. reading.

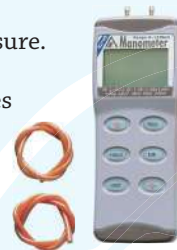


Glossmeter

Elcometer 480 Single, Dual & Triple Angle Glossmeters The Elcometer 480 range are easy to use glossmeters which combine high accuracy, repeatability and reproducibility with functionality making them the most advanced glossmeters on the market today.

Manometer

Measure Gauge / Differential Pressure. Pressure Range 0~100 psi. Hold / Max / Min / Record Features Provide two different connecting lugs for different application purpose. 11 units:- bar, mbar, psi, kPa, inHg, mmHg, ozin², inhH₂O, ftH₂O, cmH₂O, kgcm² for various metric / imperial calculations used.



Anemometer

Remote fan with built in temperature sensor measures air velocity, temp and air volume wind speed metric and imperial units selectable temp. units oc/of selectable display max/min/Avg value.



TQC Concrete Moisture Meter

This device is a non-destructive moisture meter for concrete. By means of measuring the electrical impedance the moisture content of concrete can easily be determined by just pressing the instrument against the concrete surface.



Gas Leak Detector

Low cost handheld type detector used for methane and propane gas leakage detection Single color LED display 5 level leak Alarm and ready LED.



Sound Level Meter

Digital display with analog graph auto/manual ranging. Max hold, F/S response, A/c weighting. Analog output.



Borescope Cameras | Videoscopes

Extech's borescopes offer video and photo recording functions, and wireless displays for an unobstructed view no matter how you angle your camera. Extech's video borescope models are perfect for a wide range of applications including inspecting wall cavities for moisture, insect infestation, or locating electrical wiring and water pipes.



TEST PUMPS, POLY PIGS & BLANKETS



Portable Hydrostatic Test Pumps

Hydrostatic test pumps are designed for pressure testing pipelines and pressure vessels in a wide range of applications. Blastline offers several types and sizes of test pumps including electric, hand operated and pneumatic types.



Pneumatic Model

This standard power unit uses air operated piston pump available with ranges from 0-1000 PSI upto 33,500 PSI, an air filter, pressure regulator and lubricator (FRL), air shut-off valve, muffler, manifold, liquid bleed valve, air and liquid pressure gauges, all mounted on blue powder coated base plate. This power units uses the standard S216J pumps, which is available in 9 ratios for hydraulic pressures upto 33,500 PSI (2310 bars).

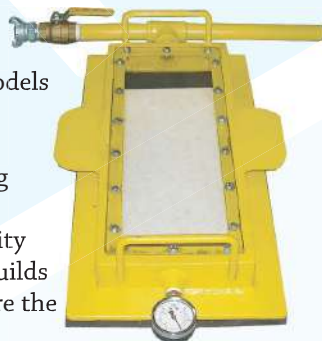


Hand Pump

Mounted on a heavy duty base plate. Available with 0-3000 PSI, 0-6000 PSI, & 0-10,000 PSI models.

Air Operated Vacuum Box

The "low pressure" models which are designed to produce an operating pressure of 10 inch Hg (5 psi) and are best suited for weld integrity checks on new tank builds where gross defects are the main concern.



Pressure & Temperature Chart Recorders

Chart Recorders are the industry standard for accurate, reliable measurement and recording of pressure and temperature or a combination of those (max. 3-pens) in a wide variety of applications. Unique 6-inch chart recorders are available in a variety of sensor and mounting configurations.



Polly-Pigs Industrial Pipeline Cleaners

Polly-Pig is constructed of open cell polyurethane foam of various densities and is available with various type of internal coatings. The polly-pig can be bare foam or coated with a 90 A durometer polyurethane material. The coated pigs may have a spiral coating of polyurethane, various brush materials or silicon carbide coating.

If the pig is of bare form, it will have the base coated. The standard polly-pig length is normally twice the diameter.



Inflatable Pipe Plugs

Pipe plugs are used to block off pipelines during bypass, rehabilitation and maintenance applications. The plug is positioned inside the pipeline and then expanded to fit using compressed air from an outside source.



Fire Blankets

Fireblankets are designed for fire safety. Consider the value of a quality blanket system when protecting your equipment from extreme temperature.





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.



Blast Signal Light 24 V, 70W



Black Light Lamp

This durable, high intensity lamp ideally suited for NDT and QC inspection, UV curing, oil detection and leak detection.



3400 LED Blast Light

Big, Clear, cool LED generated beam busts through dust from abrasive blasting or mist from hydrowashing/blasting. Amazing clarity for the operator for surface being cleaned. AC/DC voltage versatility means each worker can work safely in wet work areas.



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.



JW7210 Explosion Protected Flash Light

Rechargeable, Robust light alloy enclosure, Transparent cover: tempered glass Suitable for 30m Underwater. Easy to carry.



RJW7101/LT Explosion Protected Portable Search Light



Explosion Proof Movable Flood light (FW6100 GFJ)

HID Light Source (Life Span around 10, 000 hours), DC24V, 35W, working time over 10h continuously, explosion proof, rechargeable battery, head can be adjusted at 120°, equipped with wheels & a strap.



Explosion Proof Multipurpose Hand Lamp (JIW 5281/LT)

High power LED with high luminous efficacy and long life is used as light source. Its life is about 100000 hours.



It is suitable for indoor and outdoor conditions, removable or fixed lighting for patrols, repairs, rescue works and construction oilfields, in petrochemicals industry, electric power industry, metallurgical industry and other manufacturing industries.



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-100

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.



BLAST LIGHTS



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

Suitable for petroleum and petrochemical industry and marine in explosive and flameable 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: Class I, Div. 1 & 2, Groups C & D; Class II, Div. 1 & 2, Groups E, F, & G



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



Explosion Proof Fluorescent Light

Salt spray corrosion resistance, stainless steel enclosure and tempered glass. Cover excellent vibration resistance, voltage fluctuation resistance, easy lamp replacement, end of life (EOL) protection-ballast certified IEC60079-7 automatic lamp de-energization on opening.



Air driven Lamp-BH80L, BH50L

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. At first the air flows in to lamp housing and generates an overpressure before it flows into generator housing. If the lamp housing or the protection glass is damaged, the air flows outside first. The generator stops immediately and cannot induce any voltage for the bulb. The exhausting air prevents a penetration of explosive gases inside the lamp and can cool the spiral of a broken bulb too. The lamp housing is made of brass.



NGC9810 (A) High Bay Light Fitting

High corrosion resistance, excellent light distribution, easy for installation and maintenance. Two types of light distribution suitable for ring bolt mount and pendant mount.



NSC9700 (A) Floodlight

High corrosion resistance, borosilicate glass with prismatic pattern, integral control gear, easy for installation and maintenance.



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.



BLASTLINE 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 upto 40:1
- Accepts flexible duct on diffuser end
- Operating efficiency depends on compressed air volume and pressure.

BL-4100



BL-2900



BL-1200



Venturi Blower Specifications

Model	Overall length of Base	Diameter Top of Horn	Diameter Size	NPT Bolt Circle	Base Slot Diameter		
BL-1200	30.50"	7.31"	7.0"			1/2"	6.56" 0.4"
BL-2900	44.25"	11.25"	12.5" 1"	10.50"	0.4"		
BL-4100	46.06"	14.37"	14.25" 1"	13.62"	0.5"		

Blastline Pneumatic Circular Jet Fans

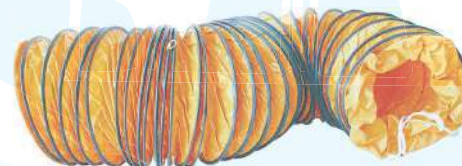
Used for general ventilation in any location where compressed air is available. These fans are suited for ventilation of tanks, vessels or other confined areas for the removal of hazardous fumes or contaminated air from welding, abrasive blasting and other operations.



Model BL-JF20" & 24"

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.



- 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.

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 aluminium 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 Telecommunications
Petrochemical Tanks Construction sites Electrical
Transformers Maintenance Manhole Entry Tank
Cleaning

Features:

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

Applications:

Specially manufactured for underground cable maintenance, ship building. Blowing bad gas when welding ship and marine structures canning, bridge, exhaust for fire fighting, piping construction and for ventilation in other violent working environment.



Fans sizes available:
12", 16", 20" and 24"



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.

SVB-E8



Model CTF





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 upto 80% of the moisture present in the compressed air.

Features

- Makes air safe, usable and capable of further filtering and drying.
- Eliminates upto 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
- Upto 60% smaller than conventional Fin and Tube designs



Specifications:

Maximum Working Pressure: 250 psi

Materials:

- Cooler - Aluminium
- 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.



Blastpak

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.

SPECIALIST EQUIPMENT



Industrial Heaters

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



Units Features

Power	-	480 V - 3 ϕ - 60 Hz
Airflow	-	5,100 m ³ /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. Recognised 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 VR55E

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 m ³ /min
Cyclone	: Dust proof efficiency 85% more
Collection Tank	: Volume : 2.5m ³
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, shiphulls 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 upto 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.



Gasoline Models

Operating Pressure:-
1200-4000 psi
Horsepower: 5-16 hp

Diesel-Driven

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.

Features :

Max. Pressure: 4000 psi
Max. Volume: 6 gpm

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.



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. These units are high quality commercial/ industrial grade and available in 8.3 lpm to 15.0 lpm @ 1200 psi to 4000 psi pressure ratings.



Electrical Pressure Washer

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.



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



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.



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).



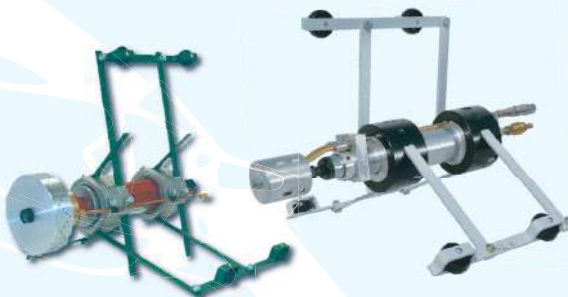
Internal pipe coater IPC 300
'Hollow Cone' spray pattern For pipes 5" - 12" I.D. (125 mm-300 mm).



Spincoater Models 512, 817.

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.



Spincoater Model 1236

Internal pipe coater IPC 900 For pipes 12" - 36"

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 airmotor 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.

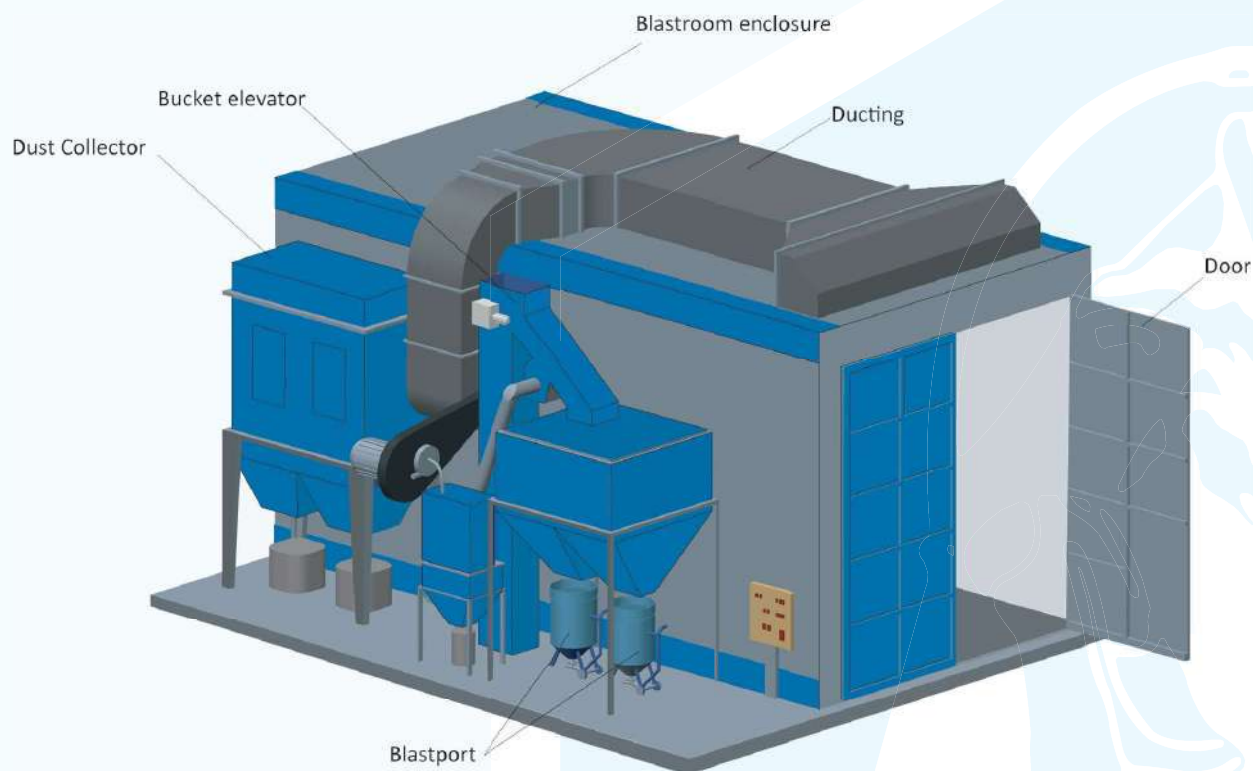


Clemco Orbiter

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 ROOM RECOVERY SYSTEMS

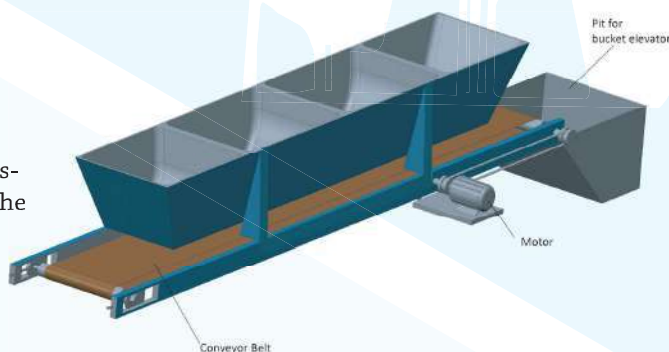


Blastline has years of experience in surface preparation technology and to further improve our ability to deliver turnkey solutions, has created Abrasive blast room design with required specification volunteered to provide a clean environment for media blast operation. Each blast room is custom designed to meet a safe and efficient operation as per the job requirements covering small parts to heavy industrial products.

The turnkey system design comprises with closed cycle ventilation, Automatic & semi-automatic Grit recovery system, Magnetic sweepers for grit collection, Dust-proof fluorescent light fittings, Rubber lined work space. The design is robust and weather proof for indoor and outdoor use.

Blastline Belt Conveyor Recovery System

An Abrasive blasting facility reduces blasting costs, environmental contamination by indoor blasting and ensuring recovery of abrasive material to recycle. Efficient abrasive recovery system automates the media recovery and cleaning processes.



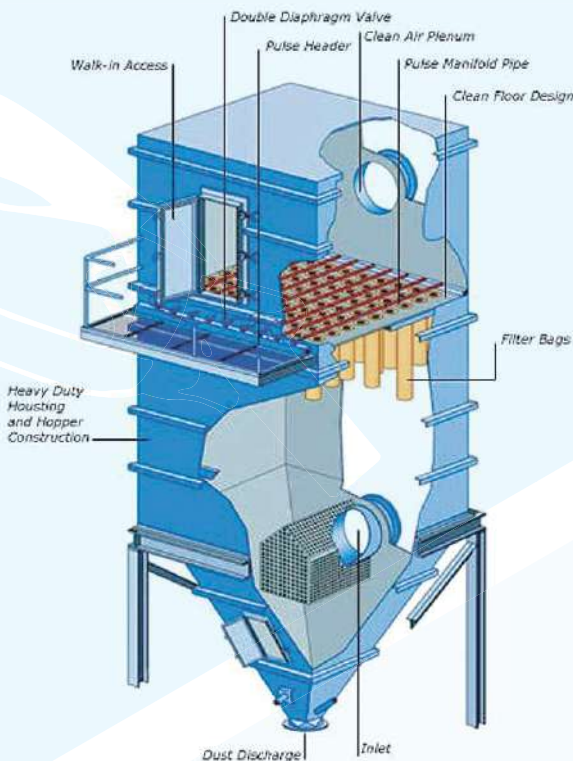
DUST-COLLECTOR SYSTEMS



Advantages of Blastline Belt Conveyor system

Blastline Belt Conveyor Recovery systems combines simple, reliable with high quality components for a system that is rigid and economical. The Blastline Belt Conveyor Recovery system is custom built based on blast room size and comprises Recovery hoppers, Gratings, Motors for elevators, Bucket elevators, Air wash abrasive separators.

- Low operating cost
- Suitable for any approved Abrasive
- Simple mechanical system for all sizes of blast rooms
- Low maintenance cost, negligible wear and tear compared to screw conveyor system
- Capable of moving a large quantity of material over a long distance
- Transports the media in a constant flow reduces media overflow/overflow.



Blastline provides two types of Dust collector systems for small and heavy job profiles. Mono-cyclone system and Cartridge type dust collector system.

Mono-cyclone Dust collector system:

Mono-cyclone system is designed for small booths with recovery limitation from 300 cfm to 8000 cfm. Features as follows.

- Heavy duty construction for long life and low maintenance
- An economical solution to a wide range of dust collection problems
- Excellent for high dust loading, high temperature

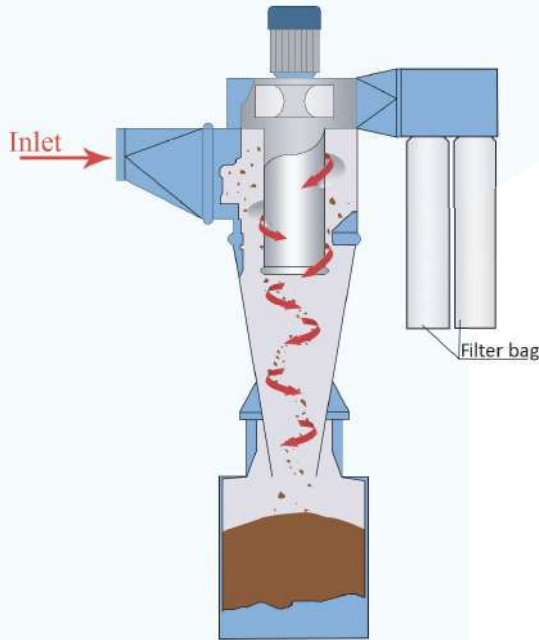


Cartridge type Dust collector system

The Blastline Cartridge type Dust collector is built for rigid and high performance with continuous operation specially for blast application. The Blastline cartridge type dust



DUST-COLLECTOR SYSTEMS



Collector system has Reverse Jet Pulse Filter cleaning system which ensures the filter cleaning by pulsing the accumulated air with a multiple pressure and clean the cartridge at regular interval. The unit provides constant air change for visibility and engineering solution to control respiratory protection depending upon the application and blast media used. Blasting process generates varying dust levels. When the dust collector is sized appropriately to the enclosure and for the application, visibility is assured and with maximum visibility the blast operator can work safely and productively lowering labour cost. The Blastline Cartridge Type Dust Collector. Filters are fabricated from polyester media with asbestos embedded with wire mesh protection. Each cartridge has approximately 252 square feet of filter media and measures 14" dia and 26" long. On permeability of 2 cfm per one square ft of filter media. The dust collector design capability range from 8000 – 56000 cfm with max possible recovery of dust and maintain clean visibility for blasting operator.

Monocyclone type dust collector

In Mono-cyclone system electrically operated blowers have inner helical baffle creates centrifugal airflow which increases separation efficiency. The airflow then forces the particles to the outer wall of the cone, where they lose velocity and drop into the collection drum. The large collection capacity airtight drums or hoppers trap wet or dry particulate extending maintenance costs. The Mono-cyclone system varies from 300-8000 cfm clean air flow depends on filter bags maximum 12 no's with a filter area of 300 ft²/each.

Blastline Media-cleaning & Separation System

During abrasive recycling process, not only the larger debris but also fine dust particles must be separated to guarantee clean and reusable abrasive media. Blastline provides abrasive recovery system implies economic recovery, the use of Blastline type cleaning equipment means not only reduction of disposal costs, but also a reduction in abrasive media loss.

It features manually adjustable controls for recovery rate and ventilation airflow for the air wash system to determine the throughput and degree of cleaning/extraction required. Once adjusted to the actual type of abrasive the system requires minimal attention and maintenance. All coarse contaminations such as welding rods, bolts, paint flakes etc. as well as all fine particles are removed together with the dust, leaving well cleaned abrasive media for reuse.

Control Panel

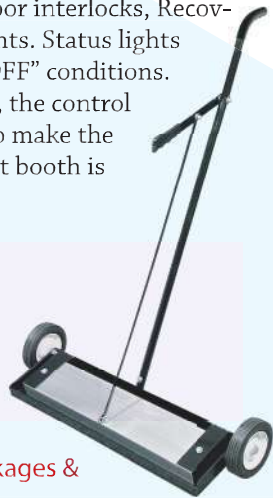
Blastline, Blast room compress of highly safe and user-friendly control panel system for the operation of electrical and electro-pneumatic operation. The control panel design is centralised



BLAST ROOM PACKAGES SYSTEM



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 maximise the efficiency, the control panel has off timer delay to make the extraction checks that blast booth is clean from existing dust.



Blastline Blast-system Packages & Operator's Safety Wears

Blastline offers 200 or 300lts capacity, 150 psi rated, ASME/Non-ASME certified blast machine inclusive of 1 1/4 inches piping, moisture separator, abrasive valve, pneumatic remote control, deadman handle, twin hoses, Blastline hose, tungsten carbide long venturi nozzles, couplings and all gaskets required. To ensure operator safety, we provides RPB(USA) Astro/Nova ranges of blasting helmet with breathing air filter to ensure that blasting operator won't suffer the consequences of breathing contaminated air. The Airline Filter is fitted with a large capacity, 6-stage filter cartridge that removes moisture and particulates to 0.5 microns and odor from the compressed air stream, providing clean, breathing air. This air fed helmets meets worldwide respiratory protection standards including NIOSH, CE and AS/NZS.

- Provides optional Carbon monoxide monitor to detect the CO level from the compressed air source.
- Blaster suits and gloves supplied with the system to protect the operators



hand and body from rebounding abrasives.

- Remote control handle stops blasting automatically if operator drops the blast hose.
- Red emergency stop button in control panel shuts down entire system.

Optional Accessories

Work car, rails/tracks, turn-table for job, wall curtains, and Vacuum recovery system for grit collection inside tanks, scrapper-floor system. Etc.

Operator Training

A well trained operator can do better blasting and cover more blasted surface with better quality on required profile.

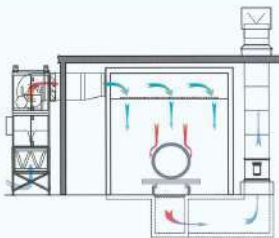
Blastline offer training programme to develop Operator skills and ensure their safety precautions during operation.

- 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.



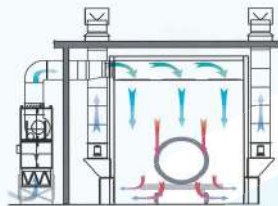
SPRAY BOOTHS

Downdraft systems



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.

Side-Downdraft systems



Easy build spray booths

Blastline has developed easy build range of spraybooths that have been designed for easy assembly, with option to self build, saving the installation costs.

At blastline we have recognized that business is increasingly competitive and trying to find save is equally hard. We recognize that the solution to find savings is not to choose an inferior spraybooth in order to reduce initial price risking costly unreliability. The right solution is to install specify Blastline Spray Booths and optimize performance in terms of both reliability and reduce long term production costs. So that is where Blastline India easybuild spray booth comes in. By following the detailed assembly drawings which accompany easybuild spray booth package, you can save a large portion or reduce installation costs, considerably by assembling yourself with blastline technical help.

All you need ton do is employ a local contractor to undertake ducting work either through the roof or wall, or if you are able to do yourself. 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.



Solvent Recyclers

- Purifies dirty solvent through distillation
- Lowers solvent purchase and disposal costs by 90%
- Sealed direct electric element requires no oil
- Intrinsically safe computer controls with six temperature settings and automatic shut-off
- Certified for unattended use and for operation in Class One Division One areas
- Stainless steel construction with hardened aluminum tank URS400: 220-240V
- Liner Bag Replacement: LB400B-10 (Pkg of 10)



SPRAY BOOTHS



Airflow Cartridge Fan

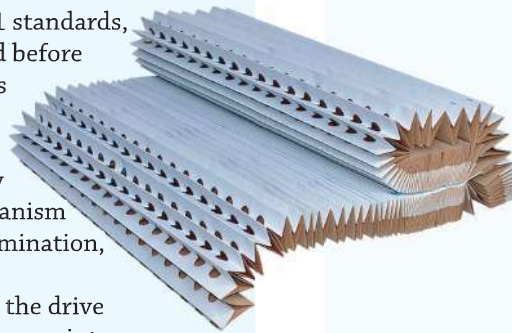
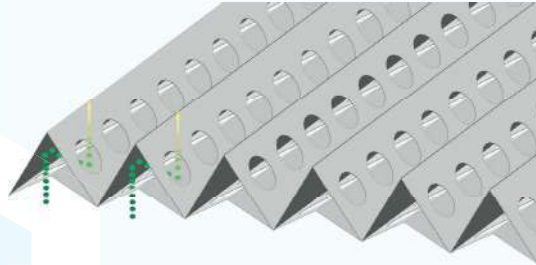
The patented airflow cartridge fan is unique- the best fan in the industry. Spraybooth emissions produce a particularly harsh environment which can cause the premature failure of conventional fans.

Therefore we provide specifically designed airflow cartridge fans for spraybooth ventilation.

Manufactured in house to ISO 9001 standards, performance tested, and CE marked before dispatch, the airflow cartridge fan is fitted as standard to all blastline spraybooth.

An integral casing provides a totally sealed protection of the drive mechanism and bearings against in- duct contamination, ensuring 100% reliability.

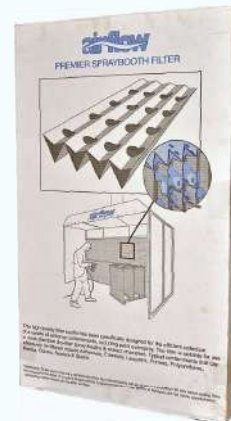
The cartridge configuration enables the drive mechanism to be removed for routine maintenance without disrupting the fan housing or ventilation ducting.



- Air flow patented Cartridge Fan, with 3 phase, 415v, 50hz, non-flameproof motor.
- Unique and best performing fan in the industry.
- Capacity varies from 1.5Kw, 3Kw, 4Kw, 5.5Kw & 6Kw.

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.



Spray Booth Filter Paper

We offer Airflow range of high quality filters, including industry standard and high efficiency concertina paper type and open weave (soil and strip) media. Some of the major advantages of our filters are:

- Lasts 3-5 times longer than other than other filters.
- Up to 98% filtration for filter paper
- Stapled and glued construction for extra strength and longer life
- High loading capacity- longer working life-low pressure drop
- Expansion strapping ensures optimum performance
- Concertina design reduces storage and transport costs
- Self-supporting high grade power
- Reduces running cost i.e. less energy, filter changes and disposal costs
- Filters can be used for any liquid overspray in general finishing industry



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



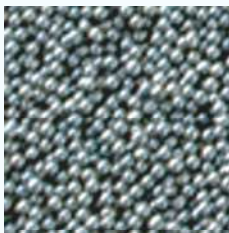
Copper Slag

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 breakdown 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



White & Brown 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, aluminium 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 de-burr, burnish, de-flash and polish a wide variety of products, including:

· Engine parts · Ball bearings · Nuts and bolts · Springs · Electric parts

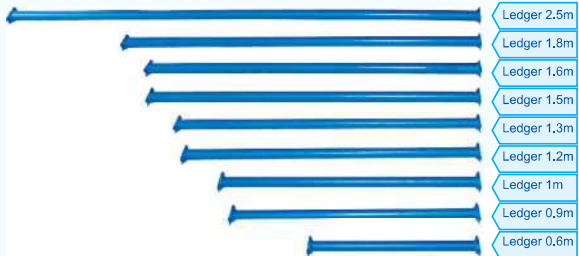


SA Silica

SA Silica Sand raw material is obtained from quarries located in and around Saudi Arabia through state-of-the-art processing technology. Natural/pure grain silica (plus 99%), coarse silica, fine silica and industry specific silica sand is produced/processed to meet large scale industrial and other needs. It is widely used as proppant for hydraulic fracturing, in construction chemicals, foundry, glass manufacturing, water filtration and for development of recreational facilities.



SCAFFOLDINGS



Cup Lock Scaffolding

With its strength and flexibility, jolly scaffolding is built to last, making it a sound investment and reassuringly safe and reliable in so many access and shoring applications.

- Jolly Scaffolding system may be chosen over the systems because:-
- Jolly Scaffolding secures up to four components in one action. Other systems need separate fixing actions.
- Has the flexibility to use several type of decking. Other systems may use boards, or battens, or decks, but not all of these options.
- Is designed for access and support, including a wide range of formwork beam and decking systems. Some other systems are too, but additional special horizontal components are often required.
- Is manufactured from high yield stress steel for added strength and lower weight.
- Horizontals are manufactured using forged symmetrical ledger blades. These have proved to be remarkably robust, avoiding the problem of bent or damaged wedge type fixings found in some other systems.
- Rigid node point reduces the need for ledger bracing, giving clear, uninterrupted work platforms.



Containment Sheetting

Blastline envirogard is a 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.

Shadow Netting

Shadow Netting is a mesh material made from high-density knitted polyethylene designed to control and contain dust, debris and other waste materials on industrial and commercial job sites.



COMPLETE BLAST SYSTEM AND DATA



Nozzle Orifice	Nozzle Pressure (psi) (bar)	50	60	70	80	90	100	125
3/16" / 5mm	Air (CFM) m ³ /min hp kW Abrasive kg/hr	26 0.73 6 4.5 85	30 0.84 7 5.3 97	33 0.92 8 5.6 111	38 1.06 9 6.4 123	41 1.15 10 7.1 136	45 1.26 10 7.5 150	55 1.54 12 9 180
1/4" / 6mm	Air (CFM) m ³ /min hp kW Abrasive kg/hr	47 1.31 11 7.9 152	54 1.51 12 9 178	61 1.71 14 10.1 200	68 1.9 16 11.6 231	74 2.08 17 12.4 254	81 2.27 18 13.5 280	98 2.75 22 16.2 336
5/16" / 8mm	Air (CFM) m ³ /min hp kW Abrasive kg/hr	80 2.16 17 18 255	90 2.5 20 20 302	100 2.83 25 23 342	115 3.16 27 26 380	125 3.53 28 28 420	140 3.84 31 31 460	170 4.71 36 37 552
3/8" / 9.50mm	Air (CFM) m ³ /min hp kW Abrasive kg/hr	110 3.02 25 18 378	125 3.53 29 21 433	145 4 32 24 490	160 4.5 35 27 544	175 4.85 40 28.9 596	200 5.5 45 33 653	235 6.64 52 39.6 784
7/16" / 11mm	Air (CFM) m ³ /min hp kW Abrasive kg/hr	150 4.12 35 24.8 507	170 4.76 40 28.5 585	200 5.44 45 32.6 655	215 6.09 50 36.4 744	240 6.73 55 40.1 820	255 7.11 60 42.4 896	315 8.8 70 50.9 1075
1/2" / 13mm	Air (CFM) m ³ /min hp kW Abrasive kg/hr	200 5.46 45 32.6 657	225 6.28 50 37.5 756	250 7.06 55 42 856	275 7.85 63 46.9 951	300 8.85 70 51.8 1050	340 9.46 75 56.3 1148	410 11.46 95 67.6 1378

Abrasive consumption is based on material with a density of 1.5 kg. per litre.

Complete Blast System: Compressor, After Cooler, 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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