



PORTABLE SANDBLASTERS

SBP™ Series

Introducing **Kresco's** SBP Series Portable Pressurized Sandblasters. Your reliable ally for exterior field projects or indoor industrial sandblasting facilities.

Overview of the SBP™ Series Portable Pressurized Sandblasters

These durable sandblast pots are designed for industrial sandblasting environment. They are made with virtually indestructible pressure vessel and rugged valves, piping, and fittings which last for years.

They are assembled with field-replaceable components that can be easily adjusted or replaced on-field with basic tools, which is meant to minimize downtimes.

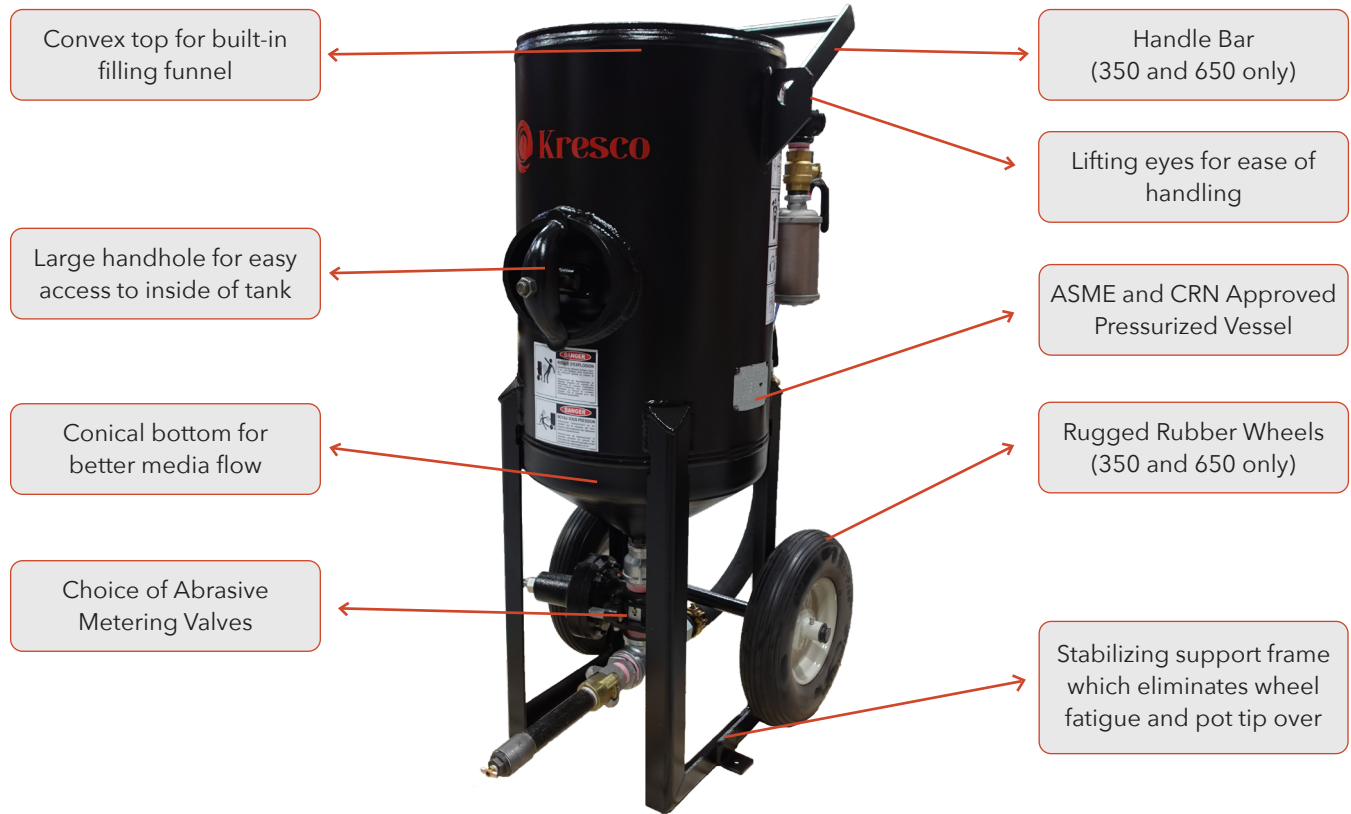
Compact sizes (350 lbs and 650 lbs) are ideal for remote work sites and can be equipped with rugged wheels. The 1,050 lbs capacity is designed for indoor sandblasting facilities and it can supply one or two sandblasters simultaneously.

COMMON APPLICATIONS

- Industrial blasting facilities (indoor or outdoor)
- Shipyard maintenance and rebuilding
- Storage tanks, pressure vessels, and pipe cleaning and maintenance
- Automotive and heavy vehicle maintenance and repair
- Railway and container maintenance and repair
- Blasting contractor jobs on site
- Building and civil construction (road and bridge) maintenance and repair
- Petroleum and oil pipeline maintenance
- Agricultural, mining, and construction machinery maintenance and repair



KEY FEATURES



TECHNICAL SPECIFICATIONS

Parameters	SBP-350	SBP-650	SBP-1050
Tank Capacity	350 lbs	650 LBS	1,050 lbs
Continuous Sandblasting Autonomy	15-30 min.	30-45 min.	45-75 min.
Tank Diameter	18"	24"	
Dimensions (L x H x W)	26" x 46" x 29"	32" x 50" x 35"	32" x 66" x 35"
Weight	225 lbs	350 lbs	575 lbs
Piping and Valves ID	1-1/4" (Standard) or 1-1/2" (MaxBlast)		
Nb. of Operator(s)	1	1	1 or 2
Max. Working Pressure	150 psig @ 120°C / 250°F		

PRESSURE CONTROL SYSTEMS

You can choose between three pressure control system when you purchase a **SBP Series Portable Pressure Sandblaster**, each of which have benefits for a given application.

Control Systems	Advantages	Disadvantages
Auto-Depress	<ul style="list-style-type: none"> → Automatically refills the tank on standby → Less wear-and-tear on the abrasive metering valve → Low maintenance required 	<ul style="list-style-type: none"> → Higher compressed air consumption due to losses → Weak and uneven media flow on start
Pressure Hold	<ul style="list-style-type: none"> → Higher productivity for frequent start/ stop operations → Reduced compressed air consumption → Even media flow on start 	<ul style="list-style-type: none"> → Higher maintenance required on Valves → The tank must be manually depressurized to refill when empty
Combo System	<ul style="list-style-type: none"> → Take full advantage of both systems without the inconvenience. → Ideal system for remote location and permanent sandblast booths. 	<ul style="list-style-type: none"> → None!



AUTO-DEPRESS SYSTEM

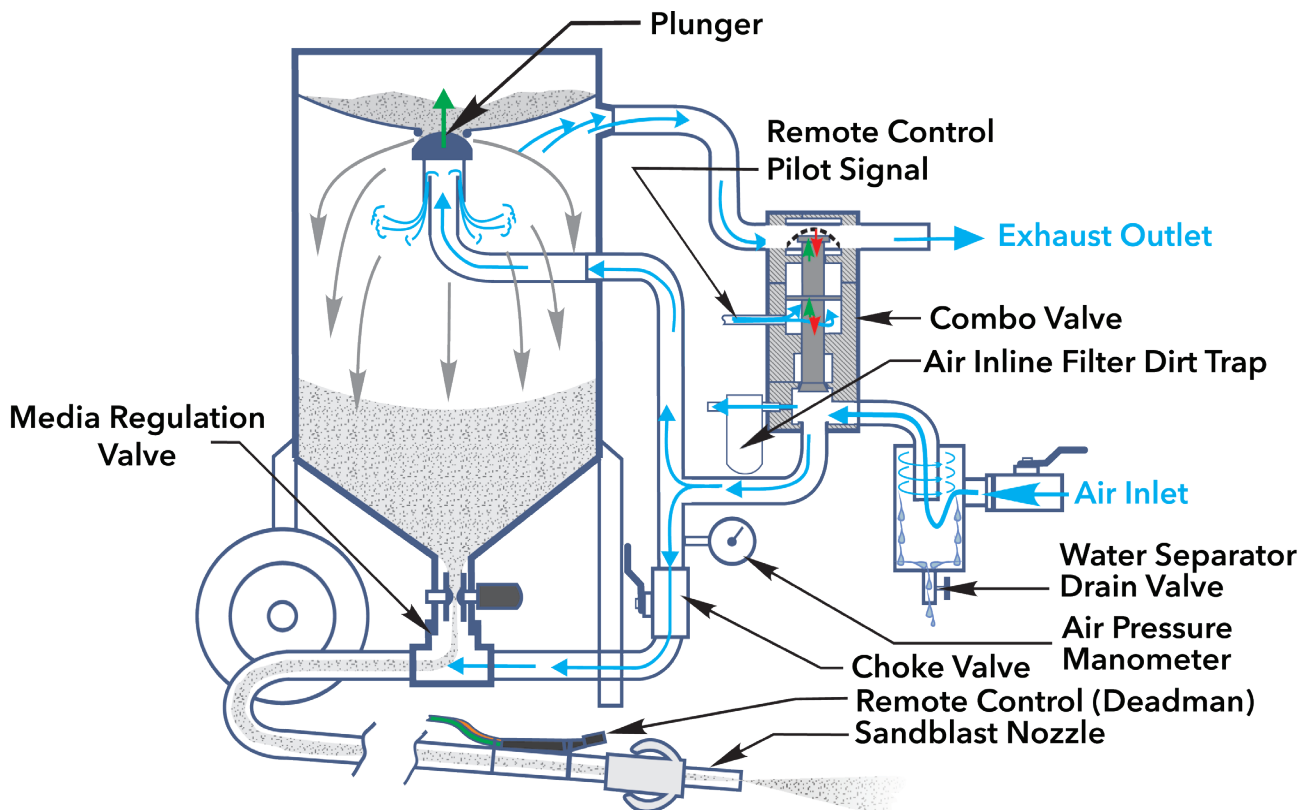
The **Auto-Depress System** extends blasting autonomy by automatically filling the tank while the remote-control handle is released.

How It Works

The Auto-Depress System relies on the **Combo Valve** which controls the **pressurization/ depressurization** of the pressure vessel.

The remote-control handle is used to pilot the Combo Valve:

- **To pressurize the pressure vessel:** Activate the handle. The pressure vessel will pressurize and the sandblasting operations will start after a few seconds (when the pressure vessel has completely built its pressure).
- **To depressurize and refill the pressure vessel:** Release the handle. The sandblasting operations will stop and the pressure vessel will depressurize and refill from the media standing on top of the pot.



PRESSURE HOLD SYSTEM

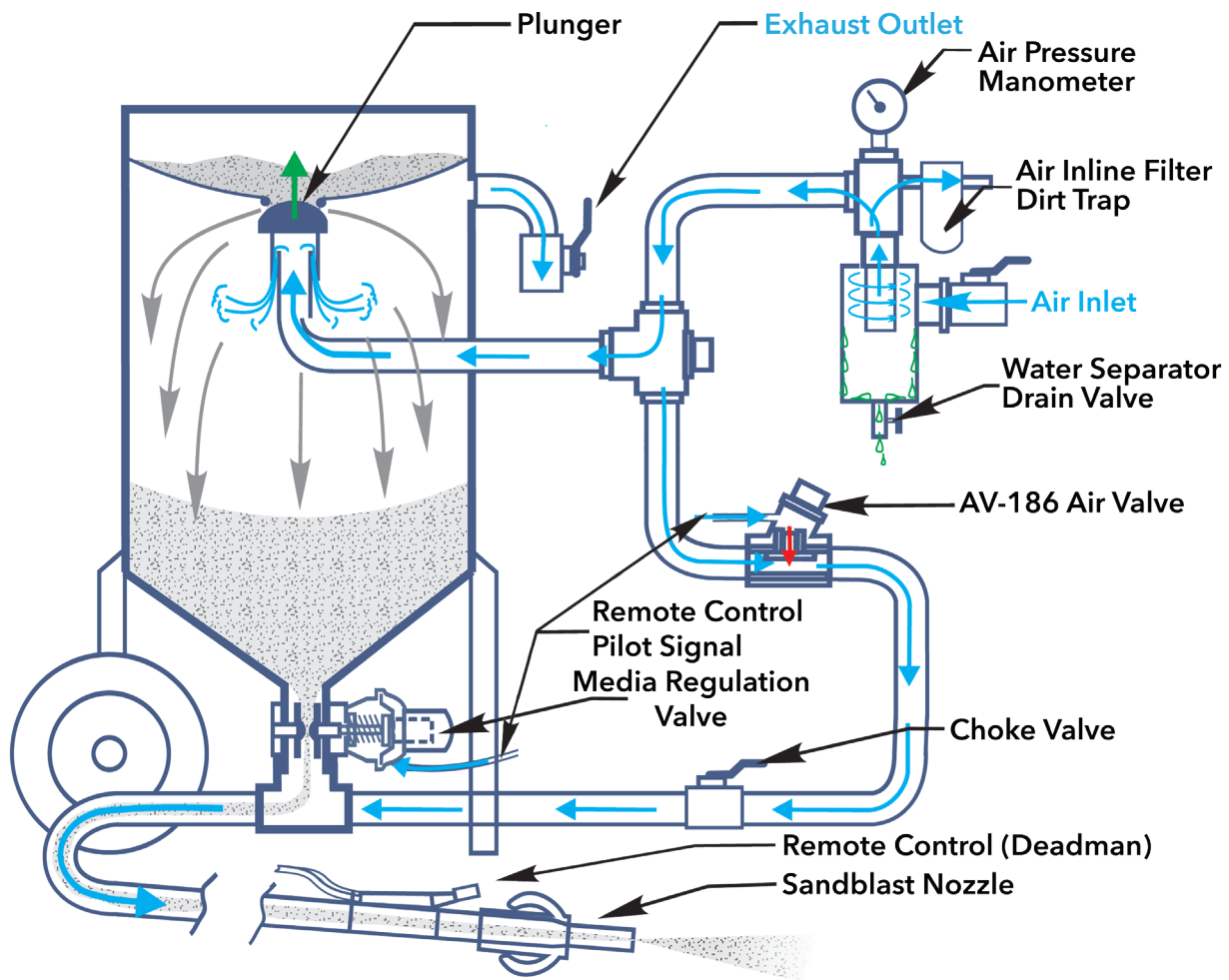
The **Pressure Hold System** facilitates frequent on/off abrasive blasting operations by maintaining the pressure inside the pressure vessel even when the remote-control handle is released.

How It Works

The Pressure Hold System relies on **two manually-operated ball valves to control the pressurization/ depressurization** of the pressure vessel - one at the air inlet and the other at the exhaust pipe:

- **To pressurize the pressure vessel:** Open the inlet valve and close the outlet valve
- **To depressurize and refill the pressure vessel:** Close the inlet valve and open the outlet valve

When the pressure vessel is pressurized, the remote-control handle can be used to operate the air valve and control sandblasting operations.



COMBO SYSTEM

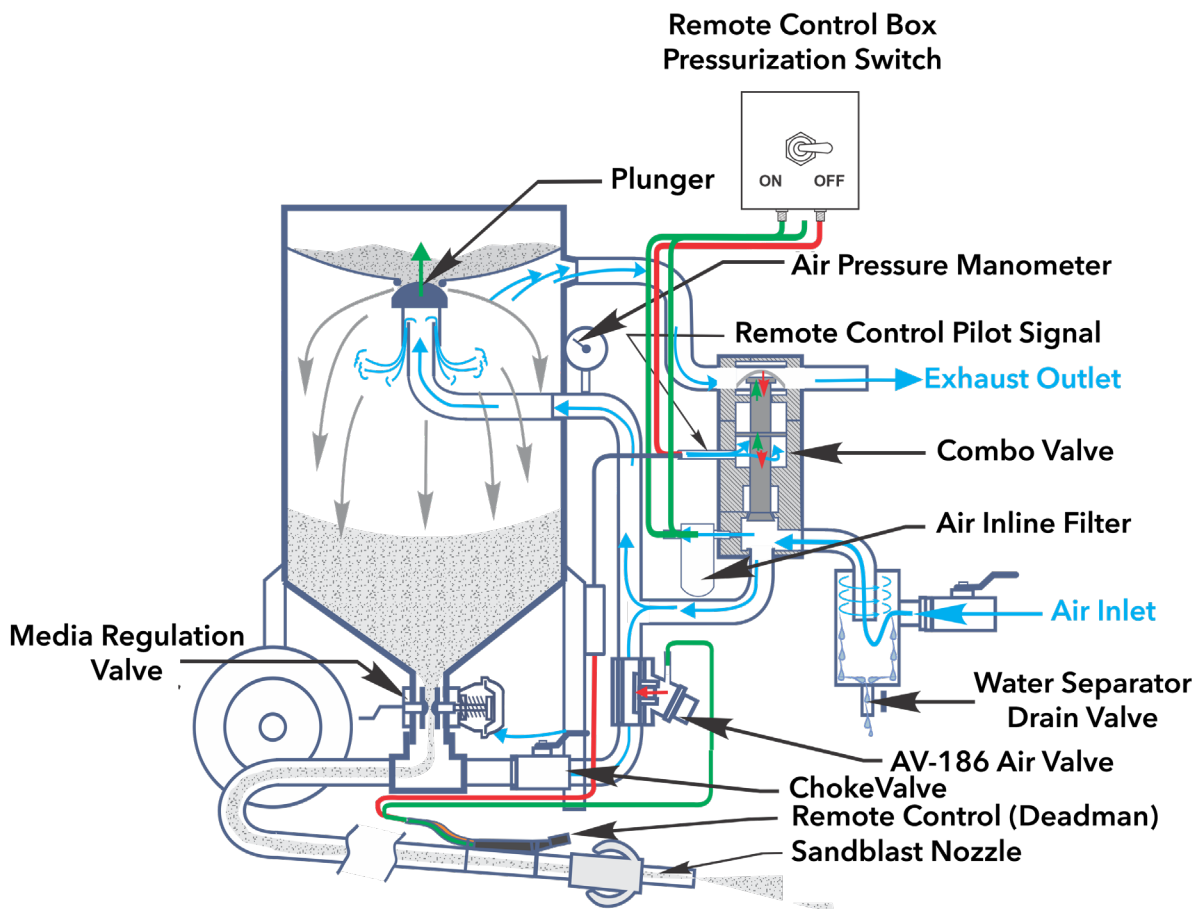
The **Combo System** equipped with a remote switch box offers the same benefits of each system collectively, without the inconvenience

How It Works

The Combo System operates similarly to a Pressure Release System, with the **addition of a remote switch box** which interferes with the signal to let the operator control when the pressure must be released from the pressure vessel.

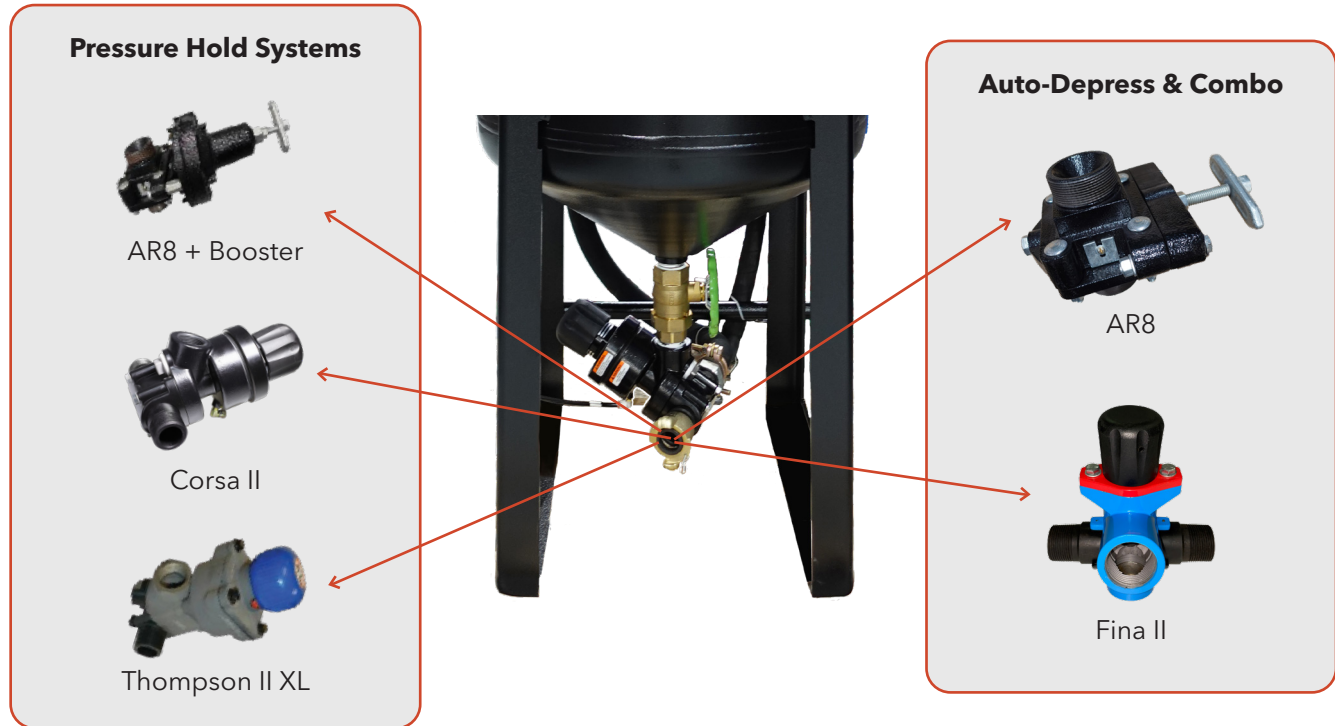
- **To pressurize the tank:** Position the Switch to 'Pressurized Vessel'
- **To depressurize and refill the pressure vessel:** Position the Switch to 'Depressurized Vessel'

When the pressure vessel is pressurized, the remote-control handle can be used to operate the air valve and control sandblasting operations.



ABRASIVE METERING VALVES

Kresco offers a selection of **abrasive metering valves** which enables accurate control of the air/media mix for optimal performance.



MAXBLAST UPGRADE

Benefit from MaxBlast upgrade to optimize blasting performance. This upgrade includes full-flow 1-1/2" piping and valves to increase pressure at the nozzle and reduce pressure loss.

Testing Reveals 36-40.5% Performance Increase!

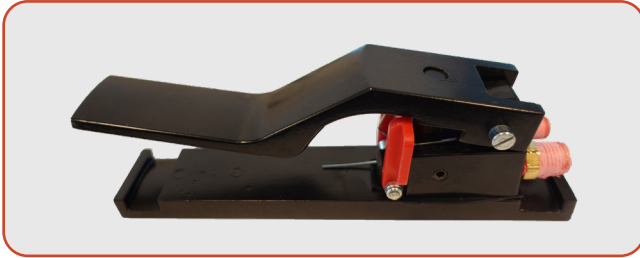
System	Piping, Blast Hose, Air Valves	Inlet Pressure	Pressure at the Nozzle	Pressure Loss	Increase in Productivity*
Standard	1-1/4"	124 PSI	90 psi	34 PSI	N/A
MaxBlast	1-1/2"		114-117 psi	7-10 psi	36-40.5 %

* Productivity increase based on standard that 1 psi of increased blasting pressure = 1.5 % increase in blasting productivity.

REMOTE CONTROL

Deadman Controls

Choose between a pneumatic or an electrical (12V or 120V) remote-control handle (Deadman).



Standard Deadman



D-Shape Deadman



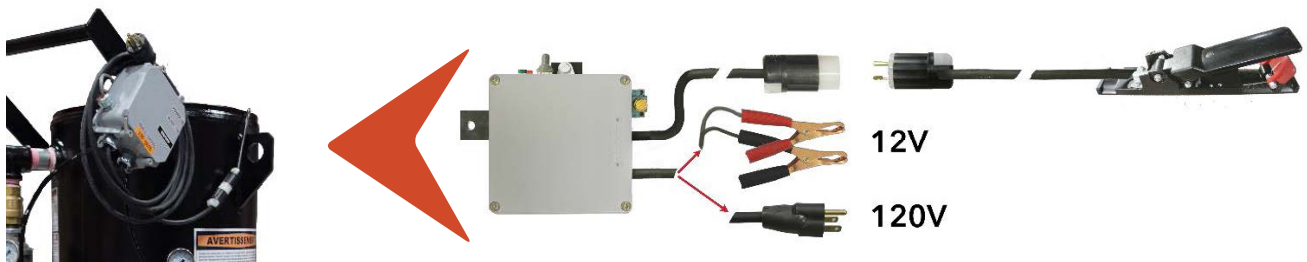
Short Rail G3 Trigger Deadman



Long Rail G3 Trigger Deadman

Pneumatic/Electric Signal Converter Box

Turn your pneumatic signal into an electric signal for **more connectivity options and stronger signal**.



Pneumatic Hose / Electric Cable

Preassembled **extension hoses and cables** are sold by foot.



Pneumatic Dual Control Hose

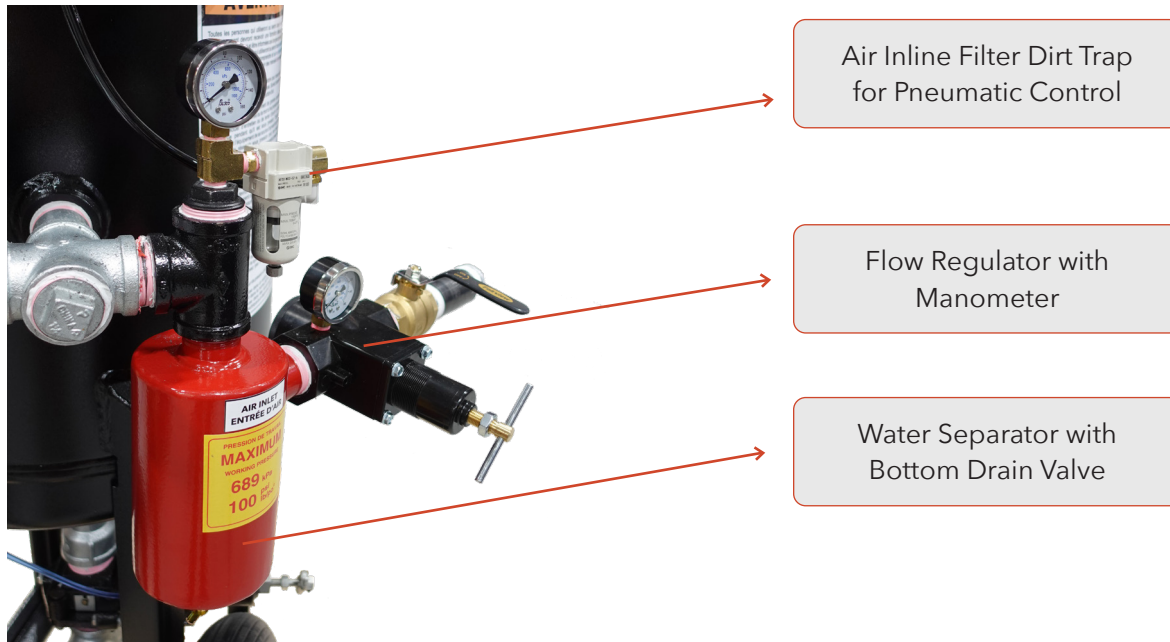


Electric Cable

AIR QUALITY CONTROL

Pneumatic Circuit Basic Protection

All our SBP Series Sandblasters are delivered with a water separator and a pressure regulator to ensure the **supply of optimal air quality**.



Desiccant Air Dryers

Point-of-use **desiccant air dryers, water separator, and air dryer filters** can help provide a dry and clean compressed air to the sandblaster to ensure optimal working performance.



Desiccant Air Dryers



Water Separator



Air Dryer Filters

WIDE SELECTION OF SPARE PARTS AND CONSUMABLES

Sandblast Nozzles



Long Venturi Nozzles



Double Venturi Nozzles



Angle Nozzles

Hoses & Couplings



Bulk Blast Hose
(1", 1-1/4", 1-1/2" ID)

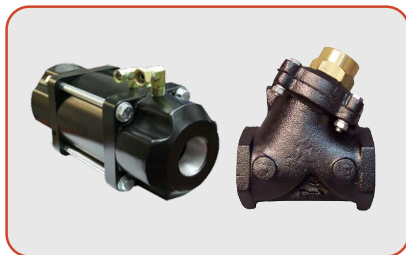


Preassembled Hose Kit



Hose Couplings & Nozzle
Holders

Air Valves & Controls



Pneumatic Air Valves



Pilot Air Valves



Flow Pressure Regulator

Abrasive Media

Selection of **recyclable abrasive media**, Steel Grit, Steel Shot, Aluminum Oxide, Glass Beads and Organic Media. Available in bags (50-55 lbs) or skids (40 bags).



PERSONAL PROTECTIVE EQUIPMENT (PPE)

Sandblast Suits & Protective Gloves



Durable Leather Blast Suits



Light-Weight Nylon Blast Suits



Kevlar Blast Gloves

Supplied Breathing Air & Respirators



Sandblasting Respirators



6-Stage Air Filtration



Gas Monitor

Kresco is an authorized distributor of GVS/RPB line of sandblasting respirators and supplied air respiratory protection (SAR) products.



QUICK REFERENCE GUIDE

Code Builder

SBC	-	350	-	DA	-	AR8	-	PNEU
		A Tank Capacity	B Control System		C Metering Valve		D Remote-Control	
		350		DA		AR8		PNEU
		650		PC		AR8B		12V
		1050		DC		FII		120V
						CII		
						TII		

Code Components Specifications

A Tank Capacity	
350	350 lbs
650	650 lbs
1050	1,050 lbs

B Control System	
DA	Auto-Depress
PC	Pressure Hold
DC	Combo System

C Metering Valve		Available On
AR8	Ar8	DA/DC
AR8B	Ar8 + Booster	PC
FII	Fina II	DA/DC
CII	Corsa II	PC
TII	Thompson II XI	PC

D Remote-Control	
PNEU	Pneumatic
12V	Electric 12V
120V	Electric 120V

Starter Kits

Choose between 3 starter kits options to complete your equipment.



Preassembled Blast Hose

- 25', 50', 75', or 100' Sandblast Hose*
- Chicago Hose Coupling
- Nozzle Holder
- Double Venturi Boron Nozzle 3/16", 1/4", 5/16", 3/8", 7/16" or 1/2" ID



Whip Hose Kit

- 12-1/2" Whip Hose
- Chicago Hose Couplings
- 12-1/2" Extension Cable (for Remote Control)
- Hose Couplings



Personal Protection Equipment (PPE)

- Nova 3 Respirator
- Radex 6-Stage Filter
- C40 Climate Control

* Other lengths available on request

CODE-COMPLIANT

In Canada and in the United States

Our portable sandblasters are approved and compliant to the code for industrial and commercial usages in Canada and the United States.



Kresco designs, manufactures, and supports industrial equipment for the surface treatment industries. **Kresco** has standard equipment designed for most applications and can customize equipment to meet or exceed your production expectations.

Sandblasting

- Sandblast Booths
- Sandblast Cabinets
- Automated Sandblasting Systems
- Abrasive Reclaiming Systems
- Pressurized Sandblasters
- Dust Collectors

Shotblasting

- Roller Conveyor Blaster
- Rotary Table Blaster/Swing Table Blaster
- Spinner Hanger (Batch)
- Continuous Flow with Monorail
- Rubber and Steel Flight Tumbler Blasters
- Flow Thru Barrel Blasters
- Mesh Belt Continuous Blasters
- Monorail System Blasters
- Rim Blasters
- Preservation Line

Painting

- Paint Spray Booths
- Powder Coating Booths
- Drying Ovens
- Air Make-Up Units

Solvent Recovery

- Batch Solvent Distillers
- Continuous Flow Solvent Distillers
- Oil Cooling Systems

Parts & Consumables

- Blast Nozzles
- Blast Hoses
- Abrasive Media
- Air Valves
- Abrasive Metering Valves
- Cartridge Filters
- Sludge Bags
- Safety Equipment & PPE

Services

- Turnkey Project Design
- Custom Design
- Full Installation
- Start-up Supervision
- Training
- Maintenance
- Retrofit & Upgrade

All systems are designed to build and they are manufactured with the highest quality standards in our manufacturing shop in Quebec, Canada.





Kresco

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