



Youngstown Spray Equipment



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Blast Media and Air Consumption Charts

Blast Media Characteristics Comparison

Material	Mesh Size	Shape	Density lbs ft	Mohs	Friability	Initial Cost	No. Of Cycles	Per Use Cost	Source	Typical Applications
Sil Sand*	6-270	★	100	5.0 - 6.0	high	low	1	med	nat	Outdoor Blast Cleaning
Min Slag	8-80	★	85-112	7.0 - 7.5	high	med	1 - 2	med	b-p	Outdoor Blast Cleaning
Garnet	8-300	★	130-145	7.0 - 7.5	med	med	2 - 2.5	med	nat	Cleaning Finishing Deburring, etching
Steel Grit	10-325	●	230	8	low	high	200+	med	mfd	Removing Heavy Scale
Steel Shot	8-200	●	280	8	-	high	200+	low	mfd	Cleaning, Peening
Aluminum Oxide	12-325	★	125	9	med	high	6 - 8	med	mfd	Cleaning, Finishing, Deburring, Etching
Silicon Carbide	12-325	★	110	9.5	med	high	5 - 6	med	mfd	Surface Prep on Extremely Hard Surfaces
Glass Bead	10-400	●	85-90	5.5 - 6.0	med	med	8 - 10	low	mfd	Cleaning, Finishing
Plastic	12-80	★	45-60	3.0 - 4.0	low/med	high	8 - 10	med	mfd	Cleaning, Peening
Bicarbonate of Soda	60-170	★	60	2.5	high	high	1	high	mfd	Cleaning, Paint Removal
Wheat Startch	12-80	★	45	2	med	med	12 - 15	high	mfd	Paint, Adhesive Removal, Composites
Xicorn Hydrib Plastic	16-60	★	45	3	low	high	14 - 17	med	mfd	Composite Paint Removal, Adhesive Deflash
Corn Cob	8-40	★	35-45	2.0 - 4.5	med	low	4 - 5	low	b-p	Removing Paint From Delicate Surfaces

★ = Angular      ● =Spherical      nat= Natural      b-p=By Product      mfd=Manufactured

\*Consult OSHA Regulations Before using silica sand as a blast abrasive

Compressed Air and Abrasive Consumption

Nozzle Orifice	Pressure at the Nozzle (psi)								Air (In cfm) Abrasive & HP requirements
	50	60	70	80	90	100	125	140	
No. 2 (1/8")	11	13	15	17	18.5	20	25	28	Air (cfm) Abrasive (cu.ft./hr & Lbs/hr) Compressor hp
	0.67	0.77	0.88	1.01	1.12	1.23	1.52	1.7	
	67	77	88	101	112	123	152	170	
	2.5	3	3.5	4	4.5	5	5.5	6.2	
No. 3 (3/16")	26	30	33	38	41	45	55	62	Air (cfm) Abrasive (cu.ft./hr & Lbs/hr) Compressor hp
	1.5	1.71	1.96	2.16	2.38	2.64	3.19	3.57	
	150	171	196	216	238	264	319	357	
	6	7	8	9	10	10	12	13	
No. 4 (1/4")	47	54	61	68	74	81	98	110	Air (cfm) Abrasive (cu.ft./hr & Lbs/hr) Compressor hp
	2.68	3.12	3.54	4.08	4.48	4.94	6.08	6.81	
	268	312	354	408	448	494	608	681	
	11	12	14	16	17	18	22	25	
No. 5 (5/16")	77	89	101	113	126	137	168	188	Air (cfm) Abrasive (cu.ft./hr & Lbs/hr) Compressor hp
	4.68	5.34	6.04	6.72	7.4	8.12	9.82	11	
	468	534	604	672	740	812	982	1100	
	18	20	23	26	28	31	37	41	
No. 6 (3/8")	108	126	143	161	173	196	237	265	Air (cfm) Abrasive (cu.ft./hr & Lbs/hr) Compressor hp
	6.68	7.64	8.64	9.6	10.52	11.52	13.93	15.6	
	668	764	864	960	1052	1152	1393	1560	
	24	28	32	36	39	44	52	58	
No. 7 (7/16")	147	170	194	217	240	254	314	352	Air (cfm) Abrasive (cu.ft./hr & Lbs/hr) Compressor hp
	8.96	10.32	11.76	13.12	14.48	15.84	19.31	21.63	
	896	1032	1176	1312	1448	1584	1931	2163	
	33	38	44	49	54	57	69	77	
No. 8 (1/2")	195	224	252	280	309	338	409	458	Air (cfm) Abrasive (cu.ft./hr & Lbs/hr) Compressor hp
	11.6	13.36	15.12	16.8	18.56	20.24	24.59	27.54	
	1160	1336	1512	1680	1856	2024	2459	2754	
	44	50	56	63	69	75	90	101	

\*Consumption rates are based on abrasives that weigh 100 pounds per cubic foot.



# Blast Pots & Media Blasters



# Blast Pots & Media Blasters



**Contractor Abrasive Blast Machines**  
Clemco Contractor Blast Machines are tough, versatile, and reliable—which makes sense, because they are built for blasting contractors who need equipment that works as hard as they do. And because contractors can't be slowed down by unreliable, cumbersome equipment that is difficult to maintain, these machines are mobile, easy to operate, and simple to maintain. They are loaded with standard features that help you get jobs done, such as:

- An integral, four-wheel, two-axle cart that makes these machines easier to maneuver, even with abrasive in the pot.
- The cart is constructed from steel-tubing that protects all plumbing, is ergonomically shaped, and doubles as a skid.
- An integral CPF breathing-air filter directly attaches to the rear of the machines and is protected by the cart's tubing.
- Connection points are conveniently located on the front leg of the machines, which simplifies hooking up the blast hose, remote controls, and breathing-air line.

Contractor Blast Machines come with 4-cuft or 6-cuft pressure vessels. The machines are ideal for rental yards and are especially useful for blast and paint contractors, as well as hundreds of other professionals.



**Classic Blast Machines**  
Clemco Classic Blast Machines are versatile, reliable, and rugged enough to remove contamination, corrosion, mill scale, and coatings from most surfaces and have hundreds of other uses. They produce a uniform surface texture and create a surface profile to increase bonding for coatings. These industrial-quality machines range in size from 0.5 cuft to 20 cuft, and can be purchased in complete systems or as the machine only.



**Big Clem Bulk Pots**  
Clemco Bulk Blast Machines are supersized versions of our Classic Blast Machines. We call them Big Clems and manufacture them in three sizes: 60 cuft, 120 cuft, and 160 cuft. These machines handle large amounts of abrasive loaded at one time—and less time refilling means more time blasting. All Big Clems are equipped with two operator stations, and the 120 cuft and 160 cuft models can accommodate three or four stations. Each operator station is fitted with a pressure-hold remote control, which enables operators to independently start and stop. In addition, Big Clems can be built as stationary, yard towable, or highway towable.



**Sandblast Pots**  
ABRASIVE BLAST POT / SANDBLASTING MACHINE, PORTABLE, 6.5 CU. FT. (185 LITERS), 150 PSI (10.3 BAR), PRESSURE RELEASE SYSTEM, ELECTRIC 12VDC, INCL: MPV/ COMBINATION VALVES, 1-1/4" PIPING W/ MOISTURE SEPARATOR, (1) 55' CONTROL CORD W/CONTROL HANDLE & (1) 25' POWER CORD (5 YEAR / 10 YEAR WARRANTY\*)



**Sandblast Pots**  
ABRASIVE BLAST POT / SANDBLASTING MACHINE, PORTABLE, 6.5 CU. FT. (185 LITERS), 150 PSI (10.3 BAR), PRESSURE HOLD SYSTEM, PNEUMATIC, INCL: APV II W/TC SLEEVE/ AUTO AIR VALVE, 1-1/4" PIPING W/MOISTURE SEPARATOR, 55' TWINLINE ASSY & CONTROL HANDLE #2 (5 YEAR / 10 YEAR WARRANTY\*)



**Sandblast Pots**  
ABRASIVE BLAST POT / SANDBLASTING MACHINE, PORTABLE, 6.5 CU. FT. (185 LITERS), 150 PSI (10.3 BAR), PRESSURE HOLD SYSTEM, PNEUMATIC, INCL: APV II W/TC SLEEVE/AUTO AIR VALVE, 1-1/2" PIPING BIG GUN FULL FLOW SYSTEM, W/BIG GUN MOISTURE SEPARATOR, 55' TWINLINE ASSY & CONTROL HANDLE #2, LOADING SKID/VALVE GUARD (5 YEAR / 10 YEAR WARRANTY\*)



# Blast Hose



**Thunderblast Sand Blast Hose**  
Black high abrasion, static conductive natural rubber tube  
Rated to 150 PSI  
Temperature: -22°F to 185°F  
Standards: ISO 3861, EN ISO 3861  
Abrasion loss value: According to DIN 53516 ? 60 mm³  
¾ - 1 – 1 ¼” – 1 ½” 4ply  
1 ¼” 2ply



**Clemco Supa Blast hose**  
Clemco Supa blast hose is standard equipment on all Contractor Series Blast Machines. Supa hose is lighter and more flexible than 2-braid or 4-ply blast hose of the same ID. It can be used with all common blast media. Supa hose achieves its lightness and flexibility from its slightly thinner outer casing. The inner tube is made from SBR rubber.

**Description of Operation**  
Clemco Supa blast hose is fabricated to fit Clemco couplings and nozzle holders. The blast hose inner diameter (ID) should be 3 to 4 times the size of the nozzle orifice and the same size as the nozzle entry diameter. The hose ID should be the same size or larger than the machine piping.

For applications where heavier 2-braid or 4-ply blast are used (for their more durable outer casing) a 10 to 15 foot length of Supa hose can be connected as the last section before the nozzle. This whip hose is easier for the operator to maneuver.

- Advantages**
- Inner tube wall of SBR rubber treated with static-dissipating compound
  - Reinforced outer casing of cloth and rubber-impregnated fiber winding
  - Casing is pin-pricked to prevent formation of air pockets between layers
  - More flexible than 2-braid or 4-ply blast hose
  - Lighter weight and slightly smaller OD make it a better whip hose

All Blast Hoses are available in 25, 50 and 100ft Lengths  
Whip hoses are also available cut to length  
Couplings are available for installation at an extra charge

# Blast Hose Couplings & Nozzle Holders



**Clemco**  
Clemco nylon quick couplings attach to the end of any properly sized blast hose using screws provided. The hose must be cut squarely and cleanly. The screws should penetrate the outer layer of the blast hose without perforating the inner tube. In operation, air pressure inside the blast hose helps hold the hose tight against spiral ribs inside the coupling. Using a quarter turn, the blast operator connects the quick coupling to any other quick coupling or quick coupling nozzle holder. A built-in lock-spring on the coupling keeps the couplings securely connected. All blast hose coupling connections should be secured with safety cables.



**Standard NECO Blast hose couplers ¾ , 1” , 1 ¼”, 1 ½”**  
The lightweight aluminum hose coupling is made from lightweight aluminum alloy.. Each hose coupling comes with screws and a gasket for quick assembly. Each coupling is also molded with raised threads to make installation easier and hold the coupling on the hose more securely. Always make sure you put a straight cut hose end to the furthest part of the coupling to prevent wear.



**NECO Oversized Blast Hose Couplings**  
Available ¾”, 1”, 1 ¼”, 1 ½”, 2”  
Q1X, Q2X, Q3X, Q4X, Q6X  
Using oversize couplers assures no pressure loss at the couplers.



**Aluminum Tank Coupler (Oversize Available)**  
The aluminum tank coupling is a female tapered threaded coupling with a 2 claw holding style. Different size pots and different size metering valves will require different size tank couplings, such as these 1-1/4 in., 1-1/2 in., and 2 in. couplings. Any “standard” large claw size hose coupling will match up to these fittings. NECO aluminum tank couplings have a 150 psi rating. Each tank coupling comes complete with a gasket.



**Neco Aluminum Nozzle Holders**  
Available in 1 ¼” Thread Or Full Port 50mm  
¾”, 1”, 1 ¼”, 1 ½” Hose Sizes  
Also available in Brass and Nylon



# Blasting Nozzles



**LONG VENTURI NOZZLES**  
for wide blast patterns, maximum abrasive velocity, high production on big jobs

Long venturi nozzles yield production rates about 40% greater than straight bore nozzles by distributing abrasives at high velocity over the entire blast pattern . These nozzles are designed for use with one-inch diameter blast hose for maximum cutting action in all tough surface preparation and cleaning jobs.

TVLESeries - These tough tungsten carbide nozzles deliver high production rates and good durability with most abrasives . For best accidental breakage protection, use the TLVE Bruiser® with brass outer jacket and inner urethane cushion . The TLVE-P has reinforced polyurethane upper body with brass threads and is available with aluminum 50-mm threads . For lightest overall weight, use the TLVE, with all-polyurethane outer jacket and threads.

SLVE Series - Where longer nozzle life is important, these silicon carbide nozzles (or the wide S159 Series) are recommended . These nozzles are built with protective polyurethane outer jacket and brass threads . The international version has reinforced polyurethane jacket with aluminum 50-mm threads.

BLVE Series - Made with super-hard boron carbide, these nozzles offer the longest service life of any nozzle on the market . Superior wear resistance means that these nozzles can be the most economical (lowest cost per hour of use) over the long term .

BP200 SiaiOn - Gives these wide entry nozzles durability comparable to tungsten carbide but with much lower weight . In extended-use situations, their lighter weight can increase productivity by reducing operator fatigue . Polyurethane outer jacket with aluminum 50-mm



**WIDE ENTRY VENTURI NOZZLES**  
for higher pressure systems and highest production rates

Wider entry throats reduce turbulence upstream of the venturi so these nozzles can handle more air pressure . you can increase productions by as much as 15% . Available in tungsten carbide (T-159 Series) . Use with 1-1/4 in . I .D . hose . Available with 1-1/4 in . and 50-mm threads, or flange style



**DOUBLE VENTURI NOZZLES**  
for widest blast pattern

The T125 Series produces 35% larger blast pattern than single venturi nozzles, with only slight reduction in abrasive velocity . For medium cutting action with more even dispersion of abrasive through entire blast pattern . These are excellent for agricultural or plastic abrasives



**BAZOOKA**  
for high pressure systems

The Bazooka (T159-VP Series) uses high input pressure for a high velocity blast pattern that is 60% larger than conventional nozzles . These nozzles give very high productivity . Nozzle pressure of 125- 150 psi yields white metal or near-white metal cleaning; 90-100 psi delivers commercial or brush blast



**SHORT VENTURI NOZZLES**  
for wide patterns at close range

For the widest possible blast pattern at close range, use the tungsten carbide T121 Series or the boron carbide F Series short venturi nozzle . Designed for blasting within 12 inches of the surface.

# Blasting Nozzles



**SHORT STRAIGHT BORE NOZZLES**  
for spot blasting and shot peening

THE TUNGSTEN CARBIDE (T137 Series and T122 Series) and boron carbide (E Series) short straight bore nozzles are good for siphon - pickup wet blasting in pressure cabinets and shot peening . Several jacket designs are available for these durable nozzles . Designed for use with a blast hose no larger than 3/4 inch ID



**ANGLE NOZZLES**  
for the tight spots

Tungsten carbide gives these 45° and 90° angle nozzles good wear resistance . For cleaning bridge lattice, behind flanges, inside pipe, these nozzles are available with single, double, or triple nozzle outlets . Ask about custom designs and our new ROCTEC® material .



**WATER INDUCTION NOZZLES**  
win® System for wet blasting...simple and effective

The WIN System is engineered for existing pressure blast equipment  
- no high pressure water pump necessary . Use low pressure tap water source . Win Series nozzles deliver high productivity with superior dust and abrasive containment, using less water than conventional systems . Water, abrasives and air are mixed inside the nozzle for high velocity blast.



**XL PERFORMANCE NOZZLE**  
Increased Production Without Cost BP200 SiAION

- Increased abrasive velocity
- Increased production
- Reduced labor
- Lightweight/minimize fatigue
- Standard air requirements
- Lower compressor fuel costs



**Curved Blast Nozzle**  
Great for reaching around corners and getting into hard to reach Places  
45° Tungsten Carbide Curved Venturi Nozzle (Aluminum Jacket)

Tungsten Carbide Curved blast Nozzle, 45 degree angle, aluminum 1-1/4” thread and 2”(50mm) thread outer jacket, Tungsten carbide liner.



# Air Hoses



**Air Hose for Blasting Operations**  
 3/8 – 2” Available with or without fittings

- Construction Tube: EPDM Synthetic Rubber, ARPM Class C (Limited Oil Resistance)
- Cover: EPDM Synthetic Rubber, ARPM Class C (Limited Oil Resistance)
- Reinforcement: Spiral Synthetic Yarn, 2” Size is braided
- Temperature Range: -40°F to 210°F (-40°C to 99°C)
- 200 PSI working pressure.
- NOT for use with oil or refined fuel
- Good ozone resistance for longer life



**Air Fed Hood Breathing Lines**  
 All Hoods Are Required to Use “Vendor” Specific Breathing Lines  
 25’ Available  
 50’ Available  
 100’ Available

**RPB, Bullard, Clemco**



**Pneumatic Twinline**  
 Clemco, Schmidt, Pirate, Empire, Etc  
 25’, 50’, 100’, etc.



**Vacuum & Dust Collector Hose**  
 2, 3, 4, 6, 8 Inch Vacuum Hoses 25’, 50’ 100’ Lengths

# Blasting Equipment Accessories & Add-Ons



**The Wetblast FLEX**  
 The Wetblast FLEX is a portable, rugged, all-in-one wetblast system engineered to provide high-performance wetblasting with maximum dust suppression, convenient operation, application versatility, and performance superior to traditional slurry systems and competitor wetblast machines. It is ideal for heavy-duty wetblast jobs. It also can rinse, air dry, and quickly be set up for dry blasting. It includes:

- 6-cuft blast machine
- Wetblast Injector pump module
- 120-gallon storage tank
- Complete unit mounted on a portable, steel-framed skid
- Many other features

The Wetblast FLEX System has everything you need to start blasting now!



**Wetblast Injector—Converts Dry Blast Machine to a Wetblast Machine**  
 Conversion kit that adds wetblast capability to most dry blast machines. Mixes water and abrasive at the nozzle for maximum operator control, simple to operate and install, and provides performance superior to traditional slurry systems. The Wetblast Injector also can rinse, air dry, and quickly switch back to dry blasting. It has everything you need to quickly add wetblast capability to a dry blast machine.



**Wetblast Attachment—For Jobs with Lower Dust Output**  
 Mounts to the barrel of a blast nozzle to quickly give a dry blast machine wetblast capability. Designed for jobs with lower dust output.



# Blastpot Metering & Air Valves

Clemco metering valves are the tried-and-true workhorses of the abrasive blasting industry. Clemco's designs are widely imitated, especially the designs for its AQP and MQV valves.



### Meters All Common Blast Media

- From coarse steel grit to slag to glass bead.
- This flexibility reduces downtime between jobs that require different blast media.
- Just empty the blast machine, pour in the new media, and start blasting—regardless of the application.

### Abrasive Flows at 45° into Air Stream

- The natural way to uniformly mix air and abrasive.
- Eliminates premature wear found in 90° systems.

### Easy to Operate and Maintain

- Metering plate, which receives most of the wear, can be replaced in the field in minutes with standard tools.
- Actuator has a built-in fail-to-safe feature that stops the flow of abrasive if the signal from the remote control handle is interrupted.
- Metering and valve actuation are separate functions. The simple metering section usually all that's needed for pressure-release applications.

### Rugged and Durable

- All parts normally exposed to abrasive flow made from durable, wear-resistant material.
- Hardened-steel metering plate precisely controls flow of abrasive, and its adjustment knob stands up to real world use and abuse.

# Blast Pot Metering & Air Valves



Pirate Brand #100 METERING COMPLETE, 1-1/2" NPT INLET



MPV ABRASIVE METERING VALVE 1-1/4", URETHANE SLEEVE, 1-1/4" NPT BLAST POT CONNECTION, 1-1/4" MALE NPT x 1-1/2" MALE NPT NIPPLE



APV II ABRASIVE METERING VALVE 1", SOLID TUNGSTEN CARBIDE SLEEVE, 1-1/4" NPT BLAST POT CONNECTION, 1" FEMALE NPT x 1-1/2" MALE NPT NIPPLE



Pirate Brand 3/4" to 2" Full Port Auto Air Valves Available



VALVE, COMBINATION, 1-1/4" COMPLETE



PINCH VALVE, #400 COMPLETE



# Blast & Paint Respirators



### Nova 3 Air Fed Blast hood

With breakthrough comfort and technology, the RPB Nova 3 revolutionizes the abrasive blasting experience, enabling you to perform at your best, for longer. Featuring a fully padded internal system, the Nova 3 distributes its weight evenly across your head and shoulders, making it feel lighter, alleviating you aches and strains on your neck and reducing the effects of fatigue.

- Adjustable padding to fit with the ratchet and molded side pads
- Close-fitting padding ensures the helmet fits snugly and moves with your head
- All parts are field replaceable using the allen key that sits neatly inside the padding
- All padding is machine washable for hygiene purposes
- Compatible with our unique cassette lens system
- Streamlined air flow directs air to the breathe zone and prevents fogging of the lens
- Tough helmet shell, manufactured from engineering grade nylon
- Optional RPB L4™ Light
- Fast inner lens replacement
- Large visor window provides optimum downward and peripheral vision
- Removable visor for efficient lens replacement
- Large latch that is easy to locate and use even when wearing gloves
- Bellow seal creates a complete barrier against dust and particulates
- Clip-on cape seal prevents abrasives and dust from entering the helmet
- Compatible with the optional RPB Nova 3 Talk™ radio communication system
- Choose from six cape options
- Optional tinted inner lenses
- Compatible with supplied air

### Nova 2000 Air Fed Blast hood

With its unique padding system and motorcycle fit the RPB Nova 2000 revolutionized the abrasive blasting market when it was released in 1994. Today, it's still heralded as one of the most comfortable, durable blasting respirators in the world.

- Close-fitting padding ensures the helmet fits snugly and moves with your head
- All padding is machine washable for hygiene purposes
- Streamlined air flow design directs air to the breathe zone and prevents fogging of the lens
- Tough helmet shell, with UV stabilization and abrasion resistance
- Compatible with the optional RPB Nova 2000 Talk™ radio communication system
- Head dome and side padding comes in three sizes to ensure a proper fit
- Multi-layered sound-deadening foam for hearing protection
- Robust latch that is easy to locate and use
- Cape is securely attached with 8 snap fasteners
- Choose from five cape options
- Compatible with supplied air

# Blast & Paint Respirators



### 88VX Series Airline Respirator

The Bullard 88VX Series airline respirators, when properly used, provide a continuous flow of air from a remote air source to the respirator wearer. 88VX Series respirators offer protection from airborne contaminants that are not immediately dangerous to life or health (IDLH), or that do not exceed concentrations allowed by applicable OSHA, EPA, NIOSH, ACGIH, or other regulatory standards and recommendations. 88VX Series airline respirators are approved by NIOSH (TC-19C-293 Type C and CE) to provide respiratory protection in general purpose applications including heavy- and light-duty abrasive blasting, and Type C and CE painting applications. . The protective helmet meets ANSI/ISEA Standard Z89.1-2009 Type 1 requirements for protective headwear for industrial workers, and ANSI/ISEA standard Z87.1-2010, Z87+ High-Impact Face Protection. The cape is designed to protect the worker's body from abrasive rebound. 88VX Series respirators are compatible with breathing air sources such as breathing air compressors or Bullard Free-Air® Pumps. Bullard offers the appropriate approved breathing tube assembly and air supply hose to connect the 88VX Series respirator to these breathing air sources. 88VX Series respirators are approved by NIOSH for use with optional climate control devices offered by Bullard.



### GEN VX Series Airline Respirator

The Bullard GenVX Series airline respirators are designed to provide respiratory protection in light- and heavy-duty abrasive blasting applications and general industry applications. The protective helmet meets ANSI Z89.1-2014 Type 1, Class C requirements for head protection and ANSI Z87.1-2015, Z87+ high-impact face protection. Capes are designed to protect the workers body from abrasive rebound. The respirator has been third party tested to provide 1,000 Assigned Protection Factor (APF) when used as instructed.



### Apollo 600 HP

The Apollo 600 HP is designed for use with compressed air. It meets OSHA standards for respiratory protection and air noise limitations. It protects the blast operator's head from rebounding abrasive and impact hazards. In addition, the Apollo 600's heavy-duty cape protects the operator's upper body from rebounding abrasive.

The Apollo 600 configures with the following Clemco air-control devices: • Constant-Flow Connector (CFC)—fixed air flow • Air-Control Valve (ACV)—adjustable air volume • Clem-Cool or Cool-Air Tube (CAT)—cools incoming breathing air • Climate-Control Tube (CCT)—heats and cools incoming air All breathing-air valves have minimum and maximum flow points, as specified by NIOSH. A flexible breathing tube maintains air flow between the inlet fitting on the operator's belt and a replaceable inlet fitting at the center rear of the helmet crown for maximum operator comfort and maneuverability. DESIGN ADVANTAGES • Two suspension options: web-style or DLX comfort-fit style • Expansive, 180° full-view window • Multi-lens system with rugged, positive-latching window frame • Built-in mini visor prevents media ingress between lenses • User-friendly cape attachment system • Zip-in-and-out washable inner collar • Replaceable inlet fitting • Generous interior dimension allows supplementary hearing and eye protection APPROVALS AND CERTIFICATIONS • NIOSH-approved Type CE continuous flow supplied-air respirator • NIOSH approval no. TC-19C-130 • OSHA Assigned Protection Factor: 1000 x PEL for hazardous substances • ANSI Z89.1-2003 Type 1, Class G protective helmet (hard hat) • ANSI Z 3.19: Noise Reduction Rating— 8 dB (with web suspension), 9 dB (with DLX suspension)

# Respiratory Add Ons



## Breathing Air Filters

Purifier/Air Filter takes Dirt, Moisture, particulates out of breathing Air for your Air Fed Equipment.



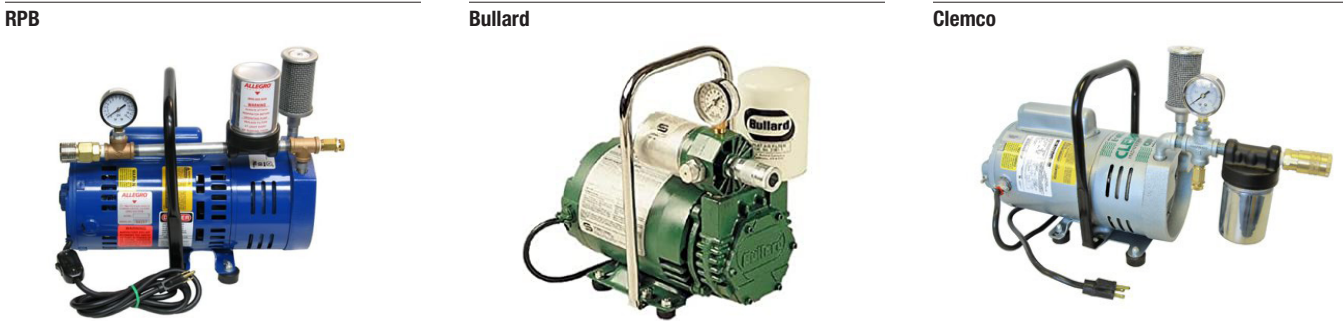
## CO Monitors

CO Monitors Sample the Breathing Air Flow for Carbon Monoxide and Alerts you of Problems  
Some Are combo Units That Clean the air of moisture and Particulates and monitor for Carbon Monoxide



## Free Air Pumps

Free-Air® pumps mitigate carbon-monoxide hazards by drawing on ambient air instead of air from a compressor. Remember, the intake ports on these pumps must be kept away from harmful gases to assure operator safety.



# Respiratory Add Ons



## Climate Control

RPB, Clemco & Bullard Heater/Cold Units



## Combo Units



## Climate Control Vests

Keep your workers cool with these cool vests  
Use cold tubes or use the IsoTherm



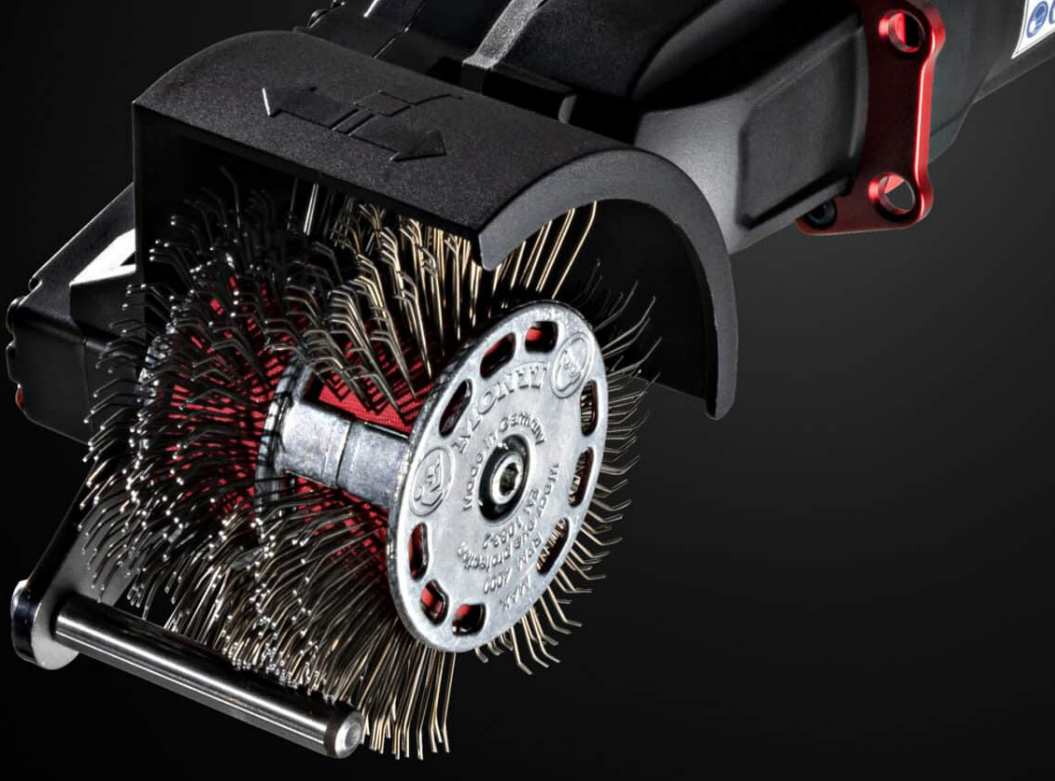
ABRASIVE BLASTING EQUIPMENT & SUPPLIES

ABRASIVE BLASTING EQUIPMENT & SUPPLIES



# Bristle Blasters

THE MBX® BRISTLE BLASTER is an innovative rotary bristle tool that removes corrosion and generates an anchor profile in a single step . Lightweight, hand-held, pneumatic and electric tools feature in-line belts with specialized wire bristles that remove heavy corrosion, mill scale and coatings while imparting a 3 mil surface profile on hardened steel .



### Bristle Blaster Electric

Bristle Blasting technology simultaneously removes corrosion and generates anchor profile.

The bristle tips are designed to strike the corroded surface with kinetic energy that is equivalent to standard processes that use grit blast media.

Immediately after the bristle tips strike the surface, they retract (“rebound”) from the surface, which results in both corrosion removal and micro-indentation that exposes fresh surface.

Consequently, surfaces that have been treated by Bristle Blasting have a texture and visual cleanliness that mimics those obtained by traditional grit blasting processes.



### Bristle Blaster Pneumatic

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### Abrasive Belts

The Surface Preparation System integrates specialized power tools, innovative wire brush belts and eraser wheels to perform a wide variety of surface preparation tasks – quickly, safely, and economically.

# Needle Guns



### 19PG & 28PG VSE / VRS Needle Scalers

Novatek’s shrouded vibration reduced “VRS” needle scalers provide a thorough effective method of removing coatings, corrosion and other accumulated materials. The VRS scalers are a must have for any Dust-Free project due to their ability to work on irregular surfaces and access difficult to reach areas.

#### Features & Benefits

- Vibration dampening technology
- Tool-less needle change out
- Flexible, interchangeable nose pieces for flat surfaces, corners, and angles.
- 3mm chisel tip needles standard
- Fully adjustable front vacuum take-off
- Standard 1.5" vacuum take-off
- 2mm Flat & 3mm Flat or chisel Tip Needles available
- Specially designed for abatement and remediation work
- Light-weight for extended run times
- Adjusts for irregular surfaces, corners, angles, rivet heads, edges, piping and difficult areas
- Comfortable rubber pistol grip for operator comfort
- Low air consumption allows for use on small, portable compressors



### Shrouded Scaling Hammers

Novatek’s Shrouded Single and Triple Head Scaling Hammers, are ideal tools to complement our shrouded needle scalers in more demanding applications for surface preparation and coatings removal where dust control is a required.

Shrouded Heavy duty Scaling Hammers, have proven to be the choice for fracturing thicker, tough to remove materials from concrete or steel. Scaling Hammers are fitted with Tungsten Carbide tipped cruciform heads but can be fitted with Tungsten Carbide tipped bush hammer heads as an option.

Our Shrouded Triple Scaling Hammers can be converted to an in-line configuration for hard-to-reach areas by simply exchanging the side handle for the main handle. Scaling Hammers use Tungsten Carbide single piece piston-head combinations for the preparation of steel or concrete surfaces.

#### Features & Benefits

- Hard hitting / fractures coatings
- 2500 blows per minute per piston
- Tungsten Carbide Bush Hammer or Cruciform heads
- Nylon brush seals clean pistons on every stroke
- Screw top cap for simple head and piston replacement
- Single pieces piston and tip assures durability
- Brush seal technology to extend piston life
- Dual air inlets allow inline or perpendicular configurations (Triple Head only)



### CBS WorkHeads

Novatek’s Vacuum Blasting Workheads are designed to work seamlessly with either?our Contained Blast Systems “CBS” or most existing blasting equipment within the industry. Its compact design and lightweight make this the preferred vacuum blasting Workhead in the industry.

#### Features & Benefits

- All steel body for maximum durability
- Can be fitted to existing blasting equipment
- Works off standard 3/4 blast hose
- Utilizes standard blast nozzles
- 360 swivelling nozzle allows the workhead to rotate around the nozzle, offering greater mobility and less fatigue to the operator
- Replaceable front steel wear sleeves for increased workhead life
- Multiple brushes available for coating removal on flat, inside corner and outside edge surfaces
- 3 blast pattern
- Can be fitted to most existing blast equipment



# Vacuums and Air Filtration



### CBS -Multi Tool Blast Recovery Vacuum

Novatek's CBS – Multi Tool Blast Recovery Vacuums are the perfect choice for extreme material recovery requirements. These vacuums were specially engineered for the recovery of coatings, rust, lead, asbestos, mold and many other hazardous or non-hazardous materials. Vacuum recovery from 1 to 8 power tools at a time depending on model, specifically designed to work with our VSE product line.

#### Features & Benefits

- Systems allow use of 4-8 vacuum equipped power tools at same time
- Perfect for vacuum blast recovery
- Powerful vacuum pump allows for the conveyance of the most dense materials
- Component system breaks down for easy transport
- Heavy duty cartridge filter comes standard
- HEPA filter stage available



### 15Gal. Floor Vacuums

Novatek's line of pneumatic & electric HEPA floor vacuums are designed for removal of lead, asbestos, mold, ceramic dust, fiberglass and many other hazardous and non-hazardous materials. Designed to work flawlessly with our VSE product line for use in abatement, remediation, clean rooms, hospitals, and industrial applications or wherever pollutants exist. Novatek's vacuums includes a critical HEPA filter, pre-filters along with disposable filter bags designed to contain & recover more dirt than any other vacuum cleaner in its class.

#### Applications

- High capacity cleanup
- Liquid pickup with optional wet/dry adapter
- Asbestos removal
- Use with dust-free power tool systems

#### Features & Benefits

- Your choice of powerful pneumatic or electric models
- Perfectly matched to our VSE power tools
- 15 gallon cold rolled steel finished exterior with epoxy coated interior
- 4 stages of filtration assures long HEPA life
- Individually tested and certified HEPA filters
- Front swivel casters, large rear wheels for easy transport
- Air filter/dryer standard (pneumatic models only)
- 25 heavy duty power cord (electric models only)
- Includes 6 of crush proof 1.5 vacuum hose
- Optional wet/dry float



### Air Filtration

Novatek's line of portable air filtration and air handling products combine class leading performance, rugged durability and innovative designs. The Novair line of portable air filtration equipment is used globally for asbestos abatement, restoration work, nuisance dust control, negative pressure applications, or anywhere air filtration is critical. Novairs come standard with HEPA filtration and are available with a variety of filters ranging from nuisance dust filters, ULPA filters, and MERV rated filters.

Novair models range in size from 200 CFM (cubic feet per minute), to 2000 CFM and are available in varied voltages and frequencies. The Novair's polyethylene shells are dent proof, leak proof and are virtually indestructible. They can be customized with your companies color and logo molded directly into the machine. With over a dozen size and filter combinations, we have the Novair model to precisely fit your needs.



### Critical Air purification Equipment

The KleanAir line of portable HEPA air filtration products are the ideal solution for the control of air borne dust, contaminates and odors. All KleanAir machines are efficient, versatile, durable, and incorporate some of the most efficient filters in the industry.

#### Air Purification and Odor Neutralization

The BioKlean product range is precisely engineered to meet the stringent requirement of: Hospitals, Quarantine Areas, Laboratories, Nursing Facilities, Crime Scenes, and Food Processing.

# Gloves & Protective Clothing



### Chore gloves

Chore gloves are cool and comfortable general purpose work gloves. Made of durable cotton and polyester fabric, the 8516G features a golden fleece palm, thumb and forefinger while the back is constructed of of rugged canvas material. This multi purpose glove also has a 5 inch gauntlet cuff for additional protection. Perfect for daily tasks in agriculture, farming and construction, chore gloves offer protection from light abrasion and scrapes and are comfortable enough to wear all day.



**Textured Blue Latex Palm Coated Gloves**  
Yellow Cotton/Polyester Knit  
10 Gauge Knit  
Import



**Full Feature Cowhide Leather Palm Gloves**  
Gauntlet Cuff  
Striped Back and Cuff  
Knuckle Strap  
Various Leather Grades Available  
Import



**Gum Rubber Cotton Lined Gloves Replaces Leather Gloves**



**Leather Abrasive Blasting Gloves**  
These Leather Abrasive Blasting Gloves will protect yourself and employees from some of the dangers of blasting media at high pressures. These are high quality leather gloves.



# Airless Sprayers



## High End Airless Machines

Air Powered High-Pressure Sprayers  
1:1 to 80:1 and anywhere in Between



# Gas Over Hydraulic Sprayers



## Roof Rigs

Bridges, water tanks, roofing, foundations and other large projects require the kind of hydraulic piston power only a Hydra™ can deliver. It is the ultimate sprayer for any job where maximum power is required and dependability is critical.

- Sprays ultra-heavy coatings like drywall mud, epoxies, mastics and elastomerics**
- Maximum Fluid Section Life Titan's ultra slow-stroking hydraulic piston maximizes fluid section life.
  - Designed for ultra-heavy coatings including mastics, waterproofing and roof coatings.
  - High production unit handles all architectural coatings including epoxies and roof coatings.
  - High performance for hard to spray coatings, multiple guns and long hose length

## High End Gas Over Hydraulic Sprayers

Roof Rigs, Block Sprayers, Etc

The GH 733, 833, & 933 are the preferred choice for high production professional contractors who spray the wide range of materials. This jobsite-proven workhorse is the answer when you demand ruggedness, performance, and value.

Graco gas and electric airless sprayers have long been the choice of professional contractors who need jobsite portability and highest production rates. These industry-proven sprayers deliver more power and are ideal for contractors who routinely handle heavier, thicker coatings.



Hydraulic-driven gas airless paint sprayers with six models ranging from 1.50 GPM to 3.15 GPM. Models range from siphon-fed to direct immersion and are built to spray heavy duty coatings for large-scale job

# Pressure Tanks



Designed with electroplated surfaces that prevent debris build-up and keep your operation free of contaminants, Graco pressure pots are precision welded and surfaced.

- ASME rated to ensure it meets factory standards
- High quality stainless steel design is compatible with many materials
- Use in stand-alone spraying, material/catalyst supply, or as a moisture sensitive material reservoir



# Guns, Tips & Holders



Airless Guns 3000psi to 7500psi  
Wagner, Graco, Tritech, Binks, Titan, Wiwa



Conventional Spray Guns, Cup, Pressure, Gravity, Automatic  
All Top Brands Available



# Airless Tips & Accessories



Graco Rac tips Guards & Heavy Duty Tips  
Designed with the contractors' needs in mind, these job-specific spray tips give you long life, a superior fan pattern, and a high-quality finish



Tritech Contractor Series Production And Ultra-Fine Finish Tips  
Airless tips that last and spray finishes that you can trust. TriTech tips can run up to 5000PSI. Tips made in the USA.



# Painter Sundries & Specialty Items

Airless Extension Poles      Spray Sox      5N1 Tools      Strainers 1 to 5 gallons bags      Tack Clothes



5 Gallon Bucket Strainers      Flat Tips      Tip Holders      Tip Holders





# Painter Sundries

Roller naps



Chip Brushes



Wood Scrapers



Roller handles



Roller Grids



Wire Brushes



Tie Wire



Painters Tape



Duct tape



Frog tape



# Pressure Washers, Parts & Chemicals



We have a large range from small homeowner models (electric or gas) to large trailer mounted or stationary units for industrial use. These units come hot or cold, with a wide range of pressure and gpm to choose from. Let us know what your needs are, and we can provide the pressure washer you need to get the job you need done saving time and money






Air Compressor Parts and Service

Jenny

F12S-30UMS

K5HGA-8P

K5HGA-17P

System Size Maximum Gallons in system to be pumped to 40 PSI in 30 Minutes	Model	Pump	HP	Power Supply	Pump RPM	CFM del'd @ 40 PSI	
220	F13S-30UMS	F	1/3	115 Volt (Through 2 HP) 230 Volt 1 Pahse 208, 230, 460, or 575 Volt 3 Phase	670	2.9	
290	F12S-30UMS		1/2		950	3.8	
350	F34S-30UMS		3/4		1200	4.4	
425	K34S-30UMS	K	1		520	5.3	
480	F1S-30UMS	F			1430	6.0	
600	K1S-30UMS	K			790	7.4	
885	K15S-30UMS	K	1-1/2		1140	10.9	
985	K2S-30UMS		2		1280	12.4	
1215	G2S-30UMS		3		630	15.1	
1775	G3S-30UMS	G			950	21.8	
1950	GC5S-30UMS	GC	5		1030	24.2	
2115	J5S-30UMS	J			830	26.0	

11-HP Honda GX Series OHV Engine



Grade: Contractor  
Style: Truck Mounts  
Engine: Brand Honda GX  
CFM: 18.3  
Tank Size: 30

11-HP Honda GX Series OHV Engine

- Pneumatic throttle idle control
- Electric for ease of operation (Battery & Cables Not Included)

Heavy-Duty Single Stage Cast Iron Pump

- Made in Somerset, PA USA
- Filled with “Jenny Ultimate Blue Synthetic Compressor Pump Oil”

Belt Drive Design w/ Totally Enclosed Heavy-Duty Belt Guard

- Large flywheel for extra cooling and easier start-up
- Directional air shroud for reduced pump temperatures

30-Gallon Truck-Mount Horizontal Air Receiver

- Powder coated and ASME certified Large Canister Inlet Filter
- With replaceable filter elements for extended pump life

Auto Start/Stop Control w/ Pressure Unloader

- Set at 105-125 PSI

Added Features:

- Protectively mounted fittings & manual tank drain
- Tank gauge & pressure relief safety valve
- Special unloading valves to assist in motor starting
- Stainless steel braided discharge hose

YSE Customized Equipment

YSE

Custom Made Roof Rigs

12 VDC or Manual Hose Reels 350ft Max Line Length  
Specialty Made Cart Mounts for Titan Or Graco Equipment  
3/8", 1/2", or 3/4" Paint Spray Lines and Fittings Available



Other Customized Paint Systems and Blast Systems Also Available



# Blast Lighting & Jobsite Lighting



**Western Technology Blast lights**  
The Model 3500 – Field Repairable LED Blast Light is the best solution for abrasive blast lighting that gives the user the flexibility to do “on the job” field repairs.



**KICK-IT TOUGH™ LED Safety Lights**  
As part of the KICK-IT TOUGH™ LED Safety Lights, this “No-Air” LED abrasive blast light is the highest performing light for blasting in its class. It packs a big punch using 6 LED’s with a (Now Improved) refracted optical design. These clearer optics create a more targeted focus with a 25° beam angle. The light body is made of durable, machined aluminum and polyurethane-wrapped for extra safety and durability. The 3475-80LW (Light Weight) model option is also available, built with a Delrin body. The 3475 is the perfect choice for your sandblasting & abrasive blast lighting needs. Cut through the dust & improve the quality of your work!



**The Model 3600**  
The Model 3600 – HALOGEN NO-AIR ALUMINUM BLAST LIGHT is a great solution for all of your abrasive blasting needs. With a built-in light stanchion & aluminum body, it easily mounts to any blast hose. Ask about what additional options are available. It is an excellent tool for your abrasive blast lighting needs.

- 20 Watt halogen bulb
- Built-in Light Stanchion



**The Model 3510**  
The Model 3510 LED FIELD REPAIRABLE HELMET LIGHT is the best solution for abrasive blast Helmet lighting that gives the user the flexibility to do on the job field repairs. With the number of available and replaceable parts and accessories, this LED light will help reduce down time and get you back on the job. It is a must have tool for your abrasive blasting & job site lighting needs.



**The Model 3300** – Air-Cooled Polyurethane Halogen Blast Light is the ideal light for large jobs or working in hot environments, built to integrate compressed air to cool the bulb for maximum illumination. The 3300 is available with additional options making it one of the most versatile blast lights in its class, it is guaranteed to get the job done right!

# Blast Lighting & Jobsite Lighting



**Clemco Beacon Blast Light**  
The Clemco Beacon Blast Light is a powerful 860-lumen LED light source to illuminate the work surface. Four assemblies are available: 12-volt DC and 120-volt AC models with Advantages either 50 ft or 100 ft of power cord.

**FEATURES**

- Illuminated target surface improves blast operator productivity
- Extremely bright focused LED beam provides 6000k color temperature (similar to daylight on a sunny day)
- Unit is compact, lightweight, and rugged—perfect for brutal abrasive blast environments
- Mounts to nozzle holder or blast hose
- Quick-change twist-lock lens retainer allows easy removal and replacement of the Pyrex® lens



**Safe System Blast light**

**FEATURES**

- 12 Volt, 20 Watt Halogen Bulb with 6° Reflector
- Totally Repairable
- 1/4” Thick, Abrasive Resistant, Pyrex Glass Lens
- Low Profile
- Durable Aluminum Construction
- Double Band Hose Connection



**RPB L4 Blast Light Helmet Light for Nova 3**

**FEATURES**

- Manufactured with durable, long-lasting materials.
- Efficient, high powered LEDs producing up to 650 lumens of concentrated light output.
- Long lasting lithium ion (Li-ion) battery lasts up to 4 hours on a single charge. Batteries recharge in 3-4 hours. The lightweight battery pack mounts on your belt.
- Mounts directly to the Nova 3® with no modification required.

Blasting in the dark can be awkward and dangerous. The RPB® L4 Light, minimizes workplace safety hazards, reduces downtime and ensures that you have sufficient light. The RPB® L4 Light provides a steady, highly concentrated output of light to your field of vision. Its high-powered LEDs produce up to 650 lumens of concentrated light output with a compact, lightweight battery pack that mounts comfortably and securely on your belt.



Jobsite  
& Area Lighting



Western Technology primary focus is on portable explosion proof lights. Portable work lights certified for OSHA classified hazardous locations. They are safe to use in Class I Div 1, Class I Div 2, Class II Div 1, Class II Div 2 vapor proof environments. We manufacture our own line: the KICK-IT TOUGH™ LED Safety Lights. They are the TOUGHEST, purpose-built, portable, explosion proof LED lights on the market.



Temporary job site lighting for ordinary locations. Western Technology's tough-built reliable portable work lights are ideal for a broad range of construction and maintenance activities with features tailored to meet the challenging demands of ordinary, non-hazardous industrial applications.



Safety  
Supplies



Head & Face Protection



Eye Protection



Smoke

Clear



# Safety Rope



**PB-44 Tubbs Combo**  
PB-44 Tubbs Combo Rope is known as one of the leading combo ropes in the industry. Constructed from heavy polyester cover yarns, and the highest tensile polypropylene core yarns, our rope offers optimum abrasion resistance & strength. All rope comes with either 1 or 2 green tracers, depending on the size (2 tracers on 3/4" and up).



**Derby Ropes**  
Our Derby Ropes are made from high tenacity multifilament fibers. They stay round under load, and will not rot or mildew. Derby Ropes offer a good resistance to abrasion, oil, grease & other chemicals. Due to our high quality, we are able to offer a strong, flexible, and lightweight product that will meet all of your needs.

This is just a sample of the rope and cordage we have.  
Call Us for all of your Cordage Needs.



**Nylon Extra Rope**  
Our Nylon Extra Rope is reinforced with polyester yarns for increased abrasion and U.V. resistance. This rope is perfect for marine, utility, and general industrial use. We carry a complete line of sizes across the country. Standard put up is 600' spools.



**Frank Winne & Son, Inc Polypropylene Ropes**  
Frank Winne & Son, Inc Polypropylene ropes are manufactured to the highest standards to ensure that our customers only receive the finest quality products. We carry many different colors to try and meet all our of customer needs. We also have the ability to produce rope in a variety of custom colors and lengths

# Ear Protection



**3M™ E-A-R™ Classic™** uncorded earplugs set the standard in hearing protection as the world's first foam earplugs. Constructed from slow-recovery foam, these disposable earplugs are uniquely moisture-resistant.

- Poly bag keeps disposable earplugs clean before use.
- Flame-resistant and moisture-resistant
- Noise Reduction Rating (NRR)\*: 29 dB. CSA Class AL.
- Test compatible with 3M™ E-A-Rfit™ Validation System.



**SoundDecision Mid-Level NRR Ear Muff**

- Fully Adjustable
- Three Position
- Dielectric
- Padded Headband
- NRR 25dB



**SoundOut II High-Level NRR Ear Muff**

- Three Position
- Adjustable Length
- Dielectric
- NRR 28dB



# Respiratory Protection



**The 3M 6000**  
The 3M 6000 Series Half Mask Respirator is great for maintaining safety and health in environments where harmful organic vapors, gases, particles, vapors, and particulates may exist. The 3M 6000 Series is one of the lightest reusable half face piece respirators available. It features a low-profile design that provides excellent visibility and can accommodate safety glasses. The 6000 Series respirator is very easy to use and does not require extra parts.



**The 3M 7000 Series Half Mask Respirator (Soft Silicone)**  
These Half-mask respirators are NIOSH-rated to provide respiratory protection from exposure to vapors, gases, and particulates, including those produced during spray painting, cleaning, and chemical processing. They use cartridges and filters that can be customized to filter specific hazards and can be changed when they become dirty.



**This 3M 6900**  
This 3M 6900 full facepiece reusable respirator offers lightweight comfort and ease of use. Featuring a large lens provides a wide field of view for excellent visibility. Combine with appropriate 3M particulate filters or cartridges to help provide respiratory protection against particulates and/or a variety of gases and vapors. This full face respirator combines soft materials with adjustable straps to provide a secure and airtight fit.



**The 3M 7000**  
The 3M 7000 series Ultimate Reusable Full Face-piece respirator features a durable elastomeric face-piece and is designed for a wide range of applications. The full face-piece is made of silicone and features a double-flap face seal and size easy-adjusting straps. The face piece is soft and pliable with a scratch-resistance lens. The extra-large inhalation and exhalation valves make breathing easier. The 7800 series respirator is designed for versatility, comfort and long life. It's available in three sizes, ensuring a proper fit for almost any size face. The 3M 7000 Series respirators can be used with any 3M respirator filters and cartridges.

# Filter Cartridges & Accessories



**The 3M 6001 Organic Vapor Cartridge**  
The 3M 6001 Organic Vapor Cartridge helps provide organic vapor protection in a variety of environments. The cartridge may be used for vapor concentrations up to 10 times the Permissible Exposure Limit (PEL) with half facepieces or 50 times PEL with quantitatively fit tested full facepieces. Recommended applications for the cartridge include assembly and mechanical, batch-charging, change-overs, chemical dispensing, clean-up, cleaning, painting, parts cleaning, and seal coating. Inventory needs and training requirements for safety equipment are reduced because this respirator cartridge selection works for many different applications. Industries in which this cartridge is commonly used include chemicals, construction, oil and gas, and transportation. This organic vapor cartridge works with 3M Half and Full Facepieces 6000, 7000 and FF-400 Series with bayonet holders. The cartridge is NIOSH (National Institute for Occupational Safety and Health) approved for environments containing certain organic vapors.



**The 3M 2091 Filter is NIOSH**  
The 3M 2091 Filter is NIOSH approved for environments containing certain oil and non-oil based particles. Use with 3M™ Respirators 5000 Series or 3M™ Cartridge 6000 Series with 3M™ Adapter 502, or 3M™ Half and Full Face-pieces 6000, 7000 and FF-400 Series with bayonet filter holders. When properly fitted, use in a variety of applications including welding, brazing, torch cutting, metal pouring, soldering, and exposure to lead, asbestos, cadmium, arsenic, and MDA for concentrations up to 10 times the Permissible Exposure Limit (PEL) with half face-pieces or 50 times PEL with full face-pieces. Full face-pieces must be quantitatively fit tested to claim assigned protection factor above 10 in negative pressure mode. Do not use in environments that are immediately dangerous to life or health (IDLH).



**The 3M 5N11 Particulate Filter, N95**  
NIOSH approved for environments containing certain non-oil based particles. Use with 3M™ Respirators 5000 Series or 3M™ Cartridges 6000 Series, and 3M™ Filter Retainer 501.

When properly fitted, use with appropriate cartridges for various applications including spray painting, petrochemical and chemical manufacturing, and pesticide spraying for concentrations up to 10 times the Permissible Exposure Limit (PEL) with half facepieces or 50 times PEL with full facepieces. Full facepieces must be quantitatively fit tested to claim assigned protection factor above 10 in negative pressure mode. Do not use for aerosols containing oil or in environments that are immediately dangerous to life or health (IDLH).



**The 3M 501 Retainer Prefilter.**  
Used to hold 3M™ Particulate Filters 5N11 and 5P71/07194(AAD) in place on top of 3M™ Respirators 5000 Series and 3M™ Cartridges 6000 Series.



# Fall Protection



# Fall Protection



**Web Lanyard**  
This web lanyard with pack style shock absorber limits fall arrest forces to 900 lbs. when tested to OSHA and ANSI standards.

- 1-3/4” synthetic webbing with shock pack
- Standard length 6”, additional lengths available
- Additional snaphook options available



**Dual-Leg Tubular-Elastic Web Lanyard**  
The dual-leg tubular-elastic web lanyard with shock absorbing pack limits fall arrest forces to 900 lbs. when tested to OSHA and ANSI standards.

- 1-3/16” synthetic webbing with shock pack
- Stretches to minimize tripping and snagging hazards
- Standard length 6”, additional lengths available
- Standard 6” length relaxes to 4.5” when not stretched
- Additional snaphook options available



**Positioning And Restraining Lanyards**  
These positioning and restraining lanyards are used to limit free fall distances to 2” or less. FrenchCreek can customize any assembly to your specific job applications.

- Web positioning assembly
- #Z136 (2-1/2” gate opening) rebar snaphook
- (2) #Z74 (3/4” gate opening) locking snaphooks



**French Creek Equipment**  
French Creek Production provides a variety of self-retracting lifeline equipment for industries including construction, tower climbing, rescue & confined spaces, utility, and more. Choose the best self-retracting lifelines for you.

**We also have all your rope grabs, carabiners, snap hooks, guard rail systems and anything else you need for all your fall protection needs**



**The 601 series**  
The 601 series harnesses are lightweight, versatile, and easy to use. A great overall choice for general construction or roofing.

- Standard Features Include:
- Adjustable shoulder, chest, and leg straps
  - Sub-pelvic strap
  - Sliding Back D-ring
  - Lightweight, high strength synthetic webbing
  - Available in sizes: XS, S, M, L, XL, 2XL, 3XL



**The 800 series**  
The 800 series harnesses are extremely durable and comfortable. With a range that is extensive and a suitable model for nearly every job application, the 800 series is a long-time favorite in the construction industry.

- Standard Features Include:
- Adjustable shoulder, chest, waist, and leg straps
  - Sliding back D-ring
  - 6” wide comfort waist pad/removable heavy-duty tool belt
  - Lightweight, high strength synthetic webbing
  - Available in sizes: XS, S, M, L, XL, 2XL, 3XL



**The innovative Stratos Series**  
The innovative Stratos Series full body harnesses exceed expectations at the highest level. Designed with safety, durability, and maximum comfort, the FrenchCreek Stratos Series hits the mark, and is proudly Made in the USA.

- Standard features include:
- Air-mesh comfort shoulder, back, and leg pads
  - Adjustable floating chest strap
  - Lanyard retaining ring for lanyard parking
  - Bayonet buckle chest straps
  - Most options, accessories, & color choices available
  - Available in sizes: XS, S-M, L-XL, XXL, XXXL

# Protective Clothing & Paint Suits



**Yse Light-Duty Blast Suit**  
The YSE light-duty blast suit protects the operator from the impact of rebounding abrasive and is a low cost alternative to the more expensive brands. The suit is a cost-effective alternative to a heavy-duty suit for intermittent or short-term blasting, and for non-blast personnel working at the blast site. The nylon and cotton construction is easily machine washable. Discarding the light-duty suit after a toxic dust job wastes less money.



**Clemco Light-Duty Blast Suit**  
The Clemco light-duty blast suit protects the operator from the impact of rebounding abrasive. The suit is a cost-effective alternative to a heavy-duty suit for intermittent or short-term blasting, and for non-blast personnel working at the blast site. It weighs less than Clemco's heavy-duty blast suit. The nylon and cotton construction is easily machine washable. Discarding the light-duty suit after a toxic dust job wastes less money. For rental outlets, the low-cost suit makes it possible to stock suits in sizes to fit almost any customer



**Rpb Blast Suit**  
The RPB blast suit provides heavy duty protection against abrasive rebound, in a lightweight package.

Made from heavy duty nylon, the blast suit provides a high level of protection for the front of your body and arms, with a breathable cotton back that helps to keep you cool.

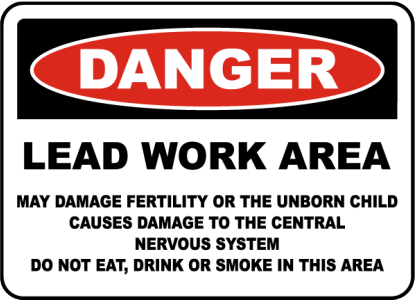


**Promax Coveralls**  
These coveralls are the mid-grade option between our extremely light weight polylite coveralls and our heavy Tyvek like Promax Coveralls. ProMax II® continues to be a cost effective alternative that provides comfort, durability, and protection. ProMax II® is a 3ply material consisting of one layer of meltblown polypropylene bonded between 2 layers of spunbond polypropylene. These garments are strong, fluid resistant and breathable.

Higher cost for sizes 3X-5X. Price can be seen once added to shopping cart.

# Jobsite Work and Danger Signs

Just a sampling of our Danger, Warning signs, stickers and tape.  
Call us for any specialty made sign that your job might require.





# Abrasives



## All Types of Abrasives are available

- Glass Beads
- Recycled Glass
- Garnet
- Aluminum Oxide
- Steel shot
- Steel Grit
- Stainless Steel Grit



BLASTING MEDIA AND CLEANING CHEMICALS

# Restoration & Cleaning Chemicals



**NMD 80**  
NMD 80 is a powerful detergent-based solution designed for safe and effective removal of efflorescence and motor smears from masonry surfaces. It can be used on all masonry substrates including brick, stone, synthetic stone, pre-cast concrete, designer, or colored block. Requires no respirator when outdoors.



**Calcite Presoak**  
This product is designed as a pre-soak to facilitate quick removal of calcite on clay brick. Calcite Presoak is used in conjunction with NMD 80 to ensure complete removal of calcite.



**OneRestore**  
OneRestore is a breakthrough product that provides remarkable versatility, cleaning power and safety all in one product. Capable of removing the deepest pollution stains from limestone and brick, it is also used to safely restore glass and anodized aluminum. With a “spray on/spray off” application process, OneRestore will save hours of cleaning time versus the traditional bucket and brush process.



**Cleansol BC**  
Cleansol BC may be the most versatile, safe cleaner for professional contract cleaners. Sold to homeowners as Clensol, it can handle virtually every job around the house without scrubbing, including wood, sidings, decks, gutters, concrete and awnings.



**HD Britenol**  
HD Britenol is an all-purpose mild acid cleaner designed for residential and light duty commercial applications. Works great on wood, aluminum, vinyl, concrete, terra cotta, shingles, glass, brick, block, or stone. HD Britenol will not harm people or animals, but care should be taken to protect plants.



**C-Tar Melt**  
C-Tar Melt is a blend of water soluble, easily rinseable, non hazardous ingredients. C-Tar Melt is safe for wood, metal, and masonry surfaces and will not raise the grain or cause discoloration of the surface. The product will aid in the separation of tar residue from rinse water if runoff is contained and stored for a short period of time.

This is just a small sample of the chemicals we carry for al your cleaning and restoration needs.  
If you don't see it here call us I am sure we can get any product you need for your project.

BLASTING MEDIA AND CLEANING CHEMICALS



Youngstown Spray Equipment

**ABRASIVE BLASTING - COATING APPLICATION - PRESSURE WASHING - SAFETY EQUIPMENT AND SUPPLIES**

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