



**"Your One Stop Corrosion Shop"**

**CATALOG VOL. VI.R1**

**1-888-77CESCO**  
**(23726)**



**BlastAndPaint.com®**



# Blasting Data

## AIR CONSUMPTION (CFM) PER BLAST NOZZLE

NOZZLE SIZE		NOZZLE PRESSURE					
		70 psi	80 psi	90 psi	100 psi	120 psi	140 psi
No. 2	1/8"	16	18	20	22	26	30
No. 3	3/16"	36	41	45	49	58	66
No. 4	1/4"	65	72	80	90	105	121
No. 5	5/16"	101	113	125	150	160	185
No. 6	3/8"	145	163	182	200	235	270
No. 7	7/16"	193	215	240	270	315	360
No. 8	1/2"	260	290	320	350	410	470
No. 10	5/8"	406	454	500	550	640	740
No. 12	3/4"	585	652	720	790	925	1060

## ABRASIVE CONSUMPTION (lbs. per hour) PER BLAST NOZZLE

NOZZLE SIZE		NOZZLE PRESSURE					
		70 psi	80 psi	90 psi	100 psi	120 psi	140 psi
No. 2	1/8"	105	115	130	140	165	190
No. 3	3/16"	230	260	290	320	375	430
No. 4	1/4"	420	460	500	560	660	760
No. 5	5/16"	650	725	825	900	1050	1200
No. 6	3/8"	945	1050	1150	1260	1475	1700
No. 7	7/16"	1300	1450	1600	1750	2050	2350
No. 8	1/2"	1660	1850	2000	2250	2650	3000
No. 10	5/8"	2600	2900	3125	3520	4100	4750
No. 12	3/4"	3750	4180	4500	5060	5950	6800

## HOSE SELECTION GUIDE for blasting at 100 psi

NOZZLE SIZE	No. 4	No. 5	No. 6	No. 7	No. 8
SIZE	1/4"	5/16"	3/8"	7/16"	1/2"
CFM at 100 psi	90	150	200	270	350
AIR HOSE	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"
BLAST HOSE MATERIAL	1"	1 1/4"	1 1/4"	1 1/2"	1 1/2"
(approx. lbs. per hour)	560	900	1260	1750	2250

## ADDITIONAL INFORMATION ON BLASTING PRODUCTIVITY

Air volume and pressure are very important. The blasting production rate will increase with higher blasting pressures and decrease with lower blasting pressures. The National Association of Corrosion Engineers data suggests that 1.5% of production is lost for each 1 psi reduction in blast nozzle pressure. Air pressure loss can also be avoided by using the shortest possible hose of adequate size. The inside diameter of both the blast hose (other than the whip hose) and the air hose should be approximately three times the diameter of the orifice in the blast nozzle.

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Corrosion Shop"**

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# Blast Abrasives



## GLASS-OXIDE (Crushed Glass)

Manufactured from 100% recycled bottle glass, it has no detectable levels of crystalline silica. Angular particles allow for aggressive surface profiling in removal of coatings. Excellent hardness, as it rates 6.0 pm on the Mohs scale. Contractors report using 30-50% less glass than slags. Glass also delivers low particle embedment.



## BOSS BLAST

Environmentally safe blasting abrasive that can be used with a variety of systems. These include the Aqua Miser® systems, water blasters, soda blasters, slurry blasters and pressure washers. This abrasive is great for degreasing, cleaning and depainting, while remaining harmless to the environment. BOSS Blast abrasives also dissolve in water, so cleanup is unbelievably easy!



## COAL SLAG "BLACK BEAUTY"

An aluminum silicate blasting abrasive, manufactured as a by-product from coal-fired power plants. Excellent in providing an aggressive surface profile.



## GARNET

Can be used in water jetting and dry blasting. This material is mined from a unique crystalline hard rock deposit. Garnet also offers high productivity, recyclability and has low dust levels. Provides an excellent surface profile.



## STARBLAST

A high efficiency, low dusting, low free silica blasting abrasive. Excellent at knocking off rust scale. This material is able to be recycled.



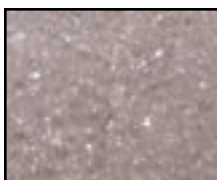
## STEEL GRIT & STEEL SHOT

Steel abrasives are used to clean a wide variety of surfaces and parts. This is available in round shot or angular grit. Different hardnesses are also available depending on the application. Ideal for recycle applications.



## ALUMINUM OXIDE

Primarily used for more aggressive blasting and profiling. Also used in reclaim applications.



## GLASS BEAD

Glass Bead can be used to blast a wide range of materials including metal, glass, plastic and rubber. The smaller the glass spheres, the smoother the surface; larger spheres produce a more textured finish.

**Other Blast Abrasive Types Available, Please Call.**

Abrasives are available bags, supersacks, bulk and drums.



**CESCO CAN ARRANGE ECONOMICAL SHIPPING ANYWHERE IN THE US!  
QUANTITY & TRUCKLOAD DISCOUNTS AVAILABLE!**

PART #	DESCRIPTION
BLASTOX	A blasting additive that renders lead and other heavy metals non-leachable.

PART #	DESCRIPTION
DUSTNET	A dust suppressant treatment for the reduction of visible, hazardous and respirable dust.



# Blast/Paint Respirators & Parts



**CLEMCO  
APOLLO 600  
HIGH PRESSURE  
RESPIRATOR**

## CLEMCO SUPPLIED-AIR RESPIRATOR

### Apollo 600 High Pressure Respirator

PART #	DESCRIPTION
--------	-------------

24001	APOLLO 600 HP, Web Suspension, Less Respirator Hose, with CFC
25190	APOLLO 600 HP, DLX Suspension, Less Respirator Hose, with CFC

The Clemco Apollo Series Supplied-Air Respirators are hallmarks of safety, comfort, and performance. Recognizable by their bright red-orange color, Apollo 600 Respirators are easily visible on the job site. Their wide-span window offers the wearer a commanding view of the work surface and broad-scope peripheral vision. The Apollo 600 is a single-shell helmet with two adjustable suspension options. The DLX comfort-fit suspension (2 sizes) surrounds the operators head with comfortable padding. The adjustable web suspension fits head sizes 6.5 to 8. Adjustable chin strap holds the helmet in position on the operator's head.



**CLEMCO APOLLO 600  
INTERMEDIATE LENS  
04373 (25-PACK)**

## CLEMCO HOOD REPLACEMENT & RESPIRATOR PARTS

### Series Apollo 60 & 600 Parts

PART #	DESCRIPTION
--------	-------------

04361	Plastic Lens (25/pk) .007"x 4-1/4"x 17-1/8"
04367	Plastic Lens (5/pk) .040"x 5-9/16"x 14-3/4"
04373	Plastic Lens (25/pk) .020"x 5-7/8"x 17"

PART #	DESCRIPTION
--------	-------------

04460	Chin Strap
22811	Breathing Tube
04449	Helmet Window Latch Kit
04452	Window Gasket
23819	Window Gasket (600 only)
23818	Cape (600 only)



**BULLARD  
GVX2830  
RESPIRATOR**

## BULLARD GENVX® SERIES AIRLINE RESPIRATOR

PART #	DESCRIPTION
--------	-------------

GVX2830	GenVX® Respirator with 28" Nylon Cape, F30 Constant Flow 1/4" Industrial Interchange Fitting
---------	--

PART #	DESCRIPTION
--------	-------------

AC1000	Cool Tube
28VX	28" Nylon Cape
38VX	38" Nylon Cape
GVXIL	Inner Lens, .040 Thick
GVXOL40	Outer Lens, .040 Thick

The Bullard GenVX® helmet offers launderable, removable and adjustable cheek pads for increased comfort and stability and a "Grit Guard" visor that keeps debris out of the lens. Equipped with a six-point suspension, wide 1" straps and ratchet know for easy adjustments.

## BULLARD 88VX SERIES AIRLINE RESPIRATOR

PART #	DESCRIPTION
--------	-------------

88VX3230	88VX Respirator with 28" Nylon Cape, F30 Constant Flow 1/4" Industrial Interchange Fitting
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The 88VX Series airline respirators provide advanced protection in the harsh exposures of blasting and painting. The snug, yet comfortable, sewn-in neck cuff provides a physical barrier to airborne contaminants and helps maintain positive pressure within the helmet. A double lining in the neck area enhances durability and protection.

## BULLARD 88VX SERIES RESPIRATOR PARTS

PART #	DESCRIPTION
--------	-------------

46VX	28" Length Nylon Cape
13VX	38" Length Nylon Cape
88VXBT	Breathing Tube (flow control not included)
88CK	Breathing Tube Connector Kit
88VXTGP	Adjust. Headband Suspension
88VXRTP	Adjustable Ratchet Headband Suspension
88CS	Elastic Chin Strap (For Use With 99PL)
G7713	Window Frame Gasket Only, Oval
88VXBAIL	Replacement Bail for Latch Assembly 10/pk

PART #	DESCRIPTION
--------	-------------

88VXAK	Maintenance Kit
771B	Inner Lens (25/pk)
771020	Outer Lens PETG, Oval 25/pk (sold by the each)
B771D(.015)	Outer Lens .015" Thick, PETG, Rectangular 50/pk (sold by the each)
771R(.020)	Outer Lens, .020" Thick, PETG, Rectangular 50/pk (sold by the each)
771(.040)	Outer Lens, .040" Thick, Acetate, Oval 25/pk (sold by the each)



**BULLARD  
88VX  
SERIES  
HOOD**

## Blast/Paint Respirators & Parts



**RPB® NOVA 3°  
WITH COOL AIR TUBE,  
NYLON CAPE  
NV3-703-50**

### RPB NOVA 3®

PART #	DESCRIPTION
NV3-703-50	RPB Nova 3 – Cool Air Tube, Nylon Cape
NV3-703-54	RPB Nova 3 – Cool Air Tube, XL Blast Jacket
NV3-750	Nova 3 Nylon Respirator Cape
03-501	C40 Climate Control Device
NV3-734	Head Liner Kit
NV3-745	Nova 3 Cassette Lens System
NV3-725	Nova 3 Tear-off Lens 50/pk
NV3-722	Nova 3 Inner Lens 10/pk
NV3-722T	Nova 3 Tinted Inner Lens 10/pk
NV3-724	Nova 3 Outer Lens 50/pk

The RPB® Nova 3®'s design and engineering distributes the helmet's weight evenly across the head and shoulders for optimum comfort, practicality, and ease of worker movement, reducing fatigue. In addition, a ratchet-adjusted neck pad ensures your head is supported. The ingenious, fully adjustable, internal "Clever Fit Padding" (patent pending) allows helmets to be individually customized. This avoids discomfort and irritation, giving workers a clear head even under the pressures of their work. The padding has a second, vital, purpose. It's positioned to help absorb sound within the helmet, protecting workers' hearing. Padding is easily removed, and fully machine washable, making helmets hygienic and pleasant to wear even in the most extreme temperatures.



**RPB NOVA 3° TALK™  
09-903**

### RPB NOVA 3® TALK™

PART #	DESCRIPTION
09-903	Nova 3 Talk - Upgrade Kit (cable not supplied – order separately)
09-916	R-Tex High Noise Headset (includes PTT)
09-913	Push to Talk Button
09-813	Push to Talk Button – Intrinsically Safe

The Most Advanced In-Helmet Communication System. Communicate effortlessly and safely with your fellow blasters, pot tenders and team members, without having to stop what you're doing.

### RPB L4™ LIGHT

PART #	DESCRIPTION
09-502	RPB L4 Light Assembly

The RPB® L4™ Light provides a steady, highly concentrated output of light to your field of vision. Two high powered LEDs product up to 900 lumens. Compact and lightweight battery pack mounts comfortable and securely on your belt.



**NOVA 2000**

### RPB NOVA 2000®

PART #	DESCRIPTION
NV2000	RPB Nova 2000 – Nylon Cape, Flow Control
NV2000CT	RPB Nova 2000 – Nylon Cape, Cold Air Tube
NV2002	Nova 2000 Nylon Respirator Cape, 28"
NV2002XL	Nova 2000 Xtra Length Nylon Respirator Cape, 38"
NV2012	Nova 2000 Inner Bib
NV4000-01	Cold Air Tube Assembly
NV2021	Supplied Air Breathing Tube
NV2029	50' Breathing Air Supply Hose 3/8" Diameter
NV2017	Nova 2000 Tear-off lens 50/pk
NV2018	Nova 2000 Inner Lens 10/pk
NV2031	Nova 2000 Outer Lens 50/pk
NV2003	Nova 2000 Window Frame Gasket
NV2004	Nova 2000 Visor Kit

The NOVA 2000® has a super-tough shell of high-density polyethylene, which is U.V. stabilized and abrasion resistant. And it's built to last even in the most extreme blasting conditions.

# Respiratory Protection



**BULLARD  
EDP10  
ELECTRIC  
AIR PUMP**



**CLEMCO  
CPF-20  
TWO-OUTLET  
AIR PURIFIER**

## AIR PUMPS/PURIFIERS/FILTERS

PART #	DESCRIPTION
EDP10	<b>Bullard Electric Driven, Oil-less Air Pump</b> with open, drip-proof motor drive. Supplies air to one (1) hood or two (2) half or full-face mask airline respirators. (Will not accommodate an AC cool tube.)
ADP20	<b>Bullard Air Driven, Oil-less Air Pump.</b> Supplies air to four (4) hood-style respirators, or six (6) half or full-face mask respirators. Shipped complete with inlet filter and outlet filter cartridges and pressure gauge. (Will accommodate one (1) L/P cool tube.)
41A	<b>Bullard Single-Outlet Air Purifier</b>
41P2	<b>Bullard Two-Outlet Air Purifier</b>
41P6	<b>Bullard Six-Outlet Air Purifier</b>
41AF	<b>Bullard Replacement Filter Element</b> for 41A, 41P2 & 41P6
03578	<b>Clemco CPF-20 Two-Outlet Air Purifier</b>
03547	<b>Clemco Replacement Filter Element</b>



**BULLARD 41P2  
TWO-OUTLET AIR PURIFIER**

## CARBON MONOXIDE MONITORS

**AIR SYSTEMS  
C091-14LAC  
CARBON  
MONOXIDE  
MONITOR**



PART #	DESCRIPTION
C091-14LAC	<b>Air Systems Carbon Monoxide Monitor</b> Portable monitor unit easily plugs into any high or low pressure compressed breathing air source and monitors the air for CO content. The audible alarm (90dbA) will activate when the CO level exceeds 10ppm (5ppm International). External alarm and lights allow for the unit to be used in the closed position.
BBK-20	<b>Air Systems Calibration Kit</b> 17 liter cylinders; zero reference and 20ppm CO
22894	<b>Clemco CMS-2 Carbon Monoxide Monitor With Calibration Kit</b> The CMS-2 is a field portable carbon monoxide monitor and alarm for respirator air supply. If CO exceeds 10ppm, it triggers a warning light, and a high-decibel audible alarm. The rugged case with comfortable carrying handle protects the monitor from minor impacts. Used by blasting and painting contractors for field operations.
CAB SERIES	<b>Bullard Clean Air Box</b> OSHA requires that employers provide their workers with Grade D breathing air. Bullard Clean Air Boxes provide 3-stage filtration and carbon monoxide (CO) monitoring to help meet this requirement.
RP050BMST	<b>MST Carbon Monoxide Respiratory Protector</b> The Respiratory Protector® Series Breathing Air Purifiers remove or reduce water, oil, dirt, rust, hydrocarbons, scale and even deadly carbon monoxide gas, to provide cleaner, safer breathing air for your workers.
CMS-3	<b>Clemco CMS-3 CO Monitor</b> Single operator respirator-mounted CO monitor 3-way alert: audible, visual and vibrating alarms



**CLEMCO 22894  
CMS-2  
CARBON MONOXIDE  
MONITOR**



**BULLARD  
CAB SERIES  
CLEAN AIR BOX**

**MST  
RP050BMST  
CARBON MONOXIDE  
RESPIRATORY  
PROTECTOR**



**CLEMCO CMS-3  
CO MONITOR**



# Climate Control



**BULLARD AC1000  
COOL TUBE AIR CONDITIONER**



**BULLARD HC2400  
HOT/COLD CLIMATE CONTROL TUBE**



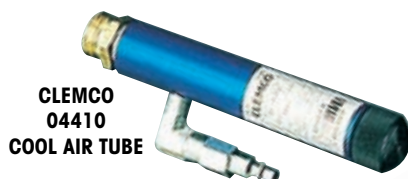
**BULLARD  
FRIGITRON2000 COOL TUBE**



**NOVA  
4000-01  
COOL TUBE**



**BULLARD DC5040  
DUAL COOL CLIMATE CONTROL**



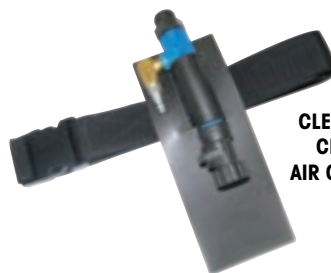
**CLEMCO  
04410  
COOL AIR TUBE**

## CLIMATE CONTROL TUBE

PART #	DESCRIPTION
AC1000	<b>Bullard Cool Tube Air Conditioner</b> - Cools incoming compressed air by as much as 20°F-30°F. For use with Bullard supplied air respirator.
HC2400	<b>Bullard Hot/Cold Climate Control Tube</b> - Combination unit that will heat or cool incoming compressed air by as much as 30°F.
FRIGITRON2000	<b>Bullard Cool Tube</b> for use with ADP20 Free-Air Pump.
4000-01	<b>Nova Cool Tube</b> - Cools incoming compressed air by as much as 30°F.
DC5040	<b>Bullard Dual Cool Tube Climate Control</b> for use with DC70 vest and blast hood.
04410	<b>Clemco Cool Air Tube</b> - Reduces the temperature of compressed air before it enters the Apollo 60 or 600 respirators. A must-have accessory for warm-weather blasting.
04411	<b>Clemco Climate Control Tube</b> - The Clemco Climate Control Tube (CCT) allows the blast operator to cool or warm the incoming compressed air to a Clemco high-pressure Type CE continuous flow supplied-air respirator.
23825	<b>The Clemco Clem-Cool Air Conditioner (CCAC)</b> allows the blast operator to control the temperature and volume of air to a Clemco high-pressure Type CE continuous flow supplied-air respirator within a preset range and to cool the air by as much as 50°F. (non repairable)



**CLEMCO 04411  
CLIMATE CONTROL  
TUBE**



**CLEMCO 23825  
CLEM-COOL  
AIR CONDITIONER**



**BULLARD  
DC70ML  
CLIMATE  
CONTROL  
VEST**



**BULLARD ISOTHERM  
COOL VEST  
ISO2**

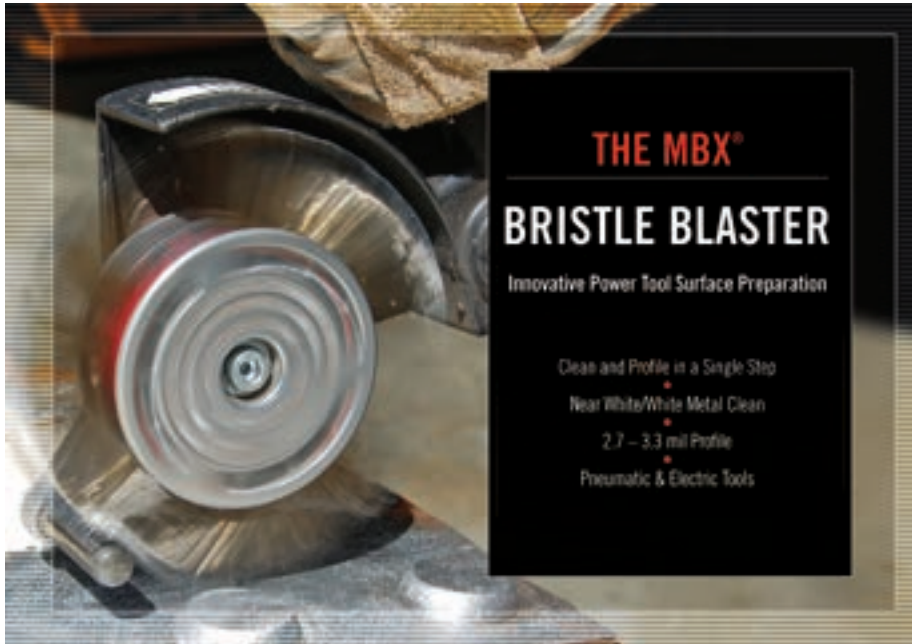
## CLIMATE CONTROL & COOLING VESTS

PART #	DESCRIPTION
DC70ML	<b>Bullard Air Cooling Vest</b> - Medium/Large
DC70XL/XXL	<b>Bullard Air Cooling Vest</b> - X Large/XX Large Cooling vests provide excellent torso cooling for use in hot working conditions. Compatible with a wide variety of Bullard respirators and the DC50 Series DUAL-COOL Assembly.
ISO2	<b>Bullard Isotherm Cool Vest</b> - Isotherm technology offers unparalleled cooling power. It helps reduce the chance of heat-related illnesses often experienced in today's difficult work environments. Isotherm cooling provides worker comfort and improved productivity. (Flame Retardant)



# Surface Prep Equipment

## BRISTLE BLASTER



**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.

## STRIPPING TOOLS

**Peening Prep Tools** are versatile, high production tools ideal for the removal of coatings from both steel and concrete substrates. Quick change hubs with an assortment of abrasives enables you to rapidly remove everything from mastics and alkyds to epoxy coatings while containing hazardous dust.



**Pneumatic Needle Scalars** provide a thorough and effective method of removing coating, corrosion and other accumulated materials. These scalars will work on almost any surface, especially irregular surfaces that are otherwise hard to prepare.



## Blast Pots & Media Blasters

**BLAST POTS** – packages available for Schmidt or Clemco brands.



**SCHMIDT  
BLAST POTS**



**CLEMCO BLAST POTS**

	<b>PACKAGE A</b>	<b>PACKAGE B</b>	<b>PACKAGE C</b>
<b>1.5 cu.ft. 42 liter</b>	<b>Package "A"</b> Portable blaster with 1" piping, pneumatic remote controls, Media Valve, 55' Twinline control hose, Deadman control and moisture separator. 130 lbs. 59 kg.	<b>Package "B"</b> Includes package "A" plus 50' x 3/4" blast hose with coupling, nozzle holder and 3/16" long venturi nozzle. 175 lbs. 80 kg.	<b>Package "C"</b> Includes package "B" plus a respirator, 25' air supply hose kit and an airline filter. 215 lbs. 98 kg.
<b>3.5 cu.ft. 100 liter</b>	<b>Package "A"</b> Portable blaster with 1" piping, pneumatic remote controls, Media Valve, 55' Twinline control hose, Deadman control and moisture separator. 240 lbs. 109 kg.	<b>Package "B"</b> Includes package "A" plus 50' x 3/4" blast hose with coupling, nozzle holder and 1/4" long venturi nozzle. 285 lbs. 130 kg.	<b>Package "C"</b> Includes package "B" plus a respirator, 25' air supply hose kit and an airline filter. 325 lbs. 148 kg.
<b>6.5 cu.ft. 185 liter</b>	<b>Package "A"</b> Portable blaster with 1 1/4" piping, pneumatic remote controls, Media Valve, 55' Twinline control hose, Deadman control and moisture separator. 390 lbs. 77 kg.	<b>Package "B"</b> Includes package "A" plus 50" x 1" blast hose with coupling, nozzle holder and 5/16" long venturi nozzle. 430 lbs. 195 kg.	<b>Package "C"</b> Includes package "B" plus a respirator, 25' air supply hose kit and an airline filter. 485 lbs. 220 kg.

*\*Lid & Screen available (sold separately).*

**Bulk Blasters, Bulk Storage Hoppers, Double Chamber Pots, and Specialty Blasters also available.**



### SCHMIDT MULTI MEDIA BLASTERS

Portable M-Series® Multi Media Blaster, 150psi rated vessel with integrated load skid, media vibrator, ball valve w/sanitary clamp, lid and screen. Normally closed pneumatic remote controls including Thompson Valve® II with clean-out feature regulated piping with check valve (GSV), G2 Deadman® control with 55' twinline control hose and 55' water line with wet blast attachment. Blaster equipped with stainless steel panel and gauges. Gauge panel includes: Differential Blast, Tank pressure and Blast pressure (Blast hose and nozzle sold separately).

<b>PART #</b>	<b>DESCRIPTION</b>
8720-011	<b>M-11 Series</b> 1.5 cu. ft. (42 liter), 1" piping, no bypass (22"W x 33"L x 48"H) (approx. shipping weight; 140 lbs.)
8720-021	<b>M-21 Series</b> 2.0 cu. ft. (56 liter), 1 1/4" piping, with bypass (24"W x 33"L x 50"H) (approx. shipping weight; 160 lbs.)
8720-031	<b>M-31 Series</b> 3.0 cu. ft. (85 liter), 1 1/4" piping, with bypass (24"W x 33"L x 56"H) (approx. shipping weight; 400 lbs.)

## Blast Cabinets



**CLEMCO**<sup>®</sup>  
INDUSTRIES CORP.



ZERO Blast Cabinets offer the industry's most preferred manual and automated blast cabinets. You'll find our versatile, industrial-quality manual blast cabinets in job shops, automotive rebuilders, and machine shops throughout the world.



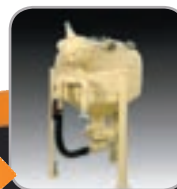
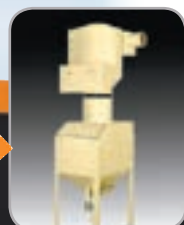
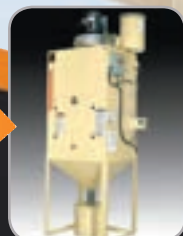
ZERO's automated blast systems include everything from simple timer-controlled parts rotation or tumbling to computer-controlled, multi-step, multi-axis robotic action. ZERO offers free sample processing to help you determine if blasting will produce the desired results on your parts and what equipment will work best.



### **Pro-Finish<sup>®</sup> systems offers perfect combinations of equipment performance and the versatility of modular designs.**

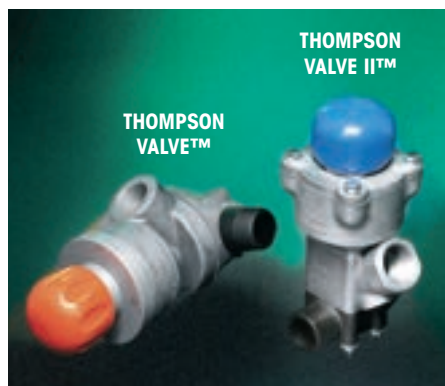
Empire's modular blast cabinets are designed to let you select the right pieces for a perfect system fit. Our Blast Cabinets are available in a wide range of sizes and options.

Pro-Finish systems are designed to allow for economical upgrades as your needs change, enabling you to build your original investment. Cabinets are available in low maintenance, (suction) and higher velocity (pressure) systems.





## Blast Equipment Accessories



### VALVES

PART #	DESCRIPTION
2149-107	Schmidt 1 1/4" Thompson Valve™
2149-108	Schmidt 1 1/2" Thompson Valve™
2149-100-99	Schmidt Repair Kit with Urethane Sleeve
2223-000	Schmidt ComboValve™
2223-000-99	Schmidt ComboValve™ Repair Kit
2125-106	Schmidt 1" MicroValve™
2125-107	Schmidt 1 1/4" MicroValve™
2125-108	Schmidt 1 1/2" MicroValve™
2125-100-99	Schmidt MicroValve™ Repair Kit
2152-107	Schmidt 1 1/4" Thompson Valve II™
2152-108	Schmidt 1 1/2" Thompson Valve II™
2152-100-99	Schmidt TVII Repair Kit with Urethane Sleeve
2127-107	Schmidt 1 1/4" MicroValve II™
2127-108	Schmidt 1 1/2" MicroValve II™
01980	Clemco 1" Inlet Valve
01967	Clemco 1" Outlet Valve
02011	Clemco Abrasive Trap



3600 BLAST LIGHT



3400LED  
MIGHTY LIGHT BLAST LIGHT

### DEADMAN SWITCHES

PART #	DESCRIPTION
1001	Western Technology Elect Deadman Switch
1001-REP	Western Technology Redhead Repairable Deadman Switch
1001-KIT	Western Technology Repair Kit for 1001-REP
2263-001	Schmidt Pneumatic "II" Deadman Switch
2263-002	Schmidt Pneumatic Deadman Switch
2263-402	Schmidt G2 Electric Deadman Switch
2263-000-99	Repair Kit - Schmidt Pneumatic Deadman
2263-001-99	Repair Kit - Schmidt Pneumatic "II" Deadman
10565	Clemco Pneumatic Deadman
22859	Repair Kit - Clemco Pneumatic



### VALVES

PART #	DESCRIPTION
PVC-1	Pinch Valve
MV	Metering Valve



METERING VALVE

### WESTERN TECHNOLOGY BLAST LIGHT

**Model 3400** No Air Multipurpose/Abrasive Blast Light (12V) complete with six (6) feet of cord. System is the standard light used by the bridge blasters. System (120V in/12V out) includes power pack and is available in either one (1) two (2) or four (4) outlet. Also in 220V. Model 3400B may be connected directly to 12VDC battery and comes with battery clamps. Optional Light Stanchion #3112.

**Model 3600** Blast Light "Gold Standard" by Western Technology. No Air/Multi-Purpose/Abrasive Blast Light. "GOLD STANDARD" 12 volt repairable blast light made specifically for sandblasting. Aluminum body, 10' power cord, 20 watt halogen bulb.

**Model 3400LED** No Air LED Mighty Light Blast Light. All polyurethane.

### REPLACEMENT PARTS

PART #	DESCRIPTION
<b>3200 &amp; 3300 Series</b>	
3106-B	Westech Bulb (Box of 10)
3109-B	Westech Lens (Box of 12)
<b>3400 Series</b>	
3406	Westech Bulb (Box of 10)
3109-B	Westech Lens (Box of 12)

### REPLACEMENT PARTS

PART #	DESCRIPTION
<b>3600 Series</b>	
3606-B	Westech Bulb (Each)
3609-B	Westech Lens (Box of 10)

## Protective Clothing, Farrow Systems & Bulk Blasters



### CLEMCO INDUSTRIAL & SEASONAL BLAST SUITS

Protects the operator from the impact of rebounding abrasive. The Traditional Heavy-Duty Suit is made of a heavy cotton fabric with a durable leather front. The Seasonal Light-Duty Blast Suit is lighter weight made of nylon and cotton, and is suitable for use by blasters in intermittent or short term blasting operations and by personnel nearby on the site. Either suit is available in M, L, XL or XXL.

### BLAST GLOVES

PART #	DESCRIPTION
NH-200	Heavy-Duty Leather Blasting Gloves
7712R	Rubber Blasting Gloves

NH-200



7712R



### FARROW SYSTEMS

is a revolutionary, environmentally safe, and cost effective surface cleaning method that quickly removes protective coatings, oxidation, and graffiti from most surfaces without damaging them. Developed to efficiently remove coatings from fiberglass boat hulls without damaging delicate gelcoats, Farrow Systems is equally effective for cleaning projects ranging from removing durable industrial coatings to cleaning fragile historic surfaces during restoration.



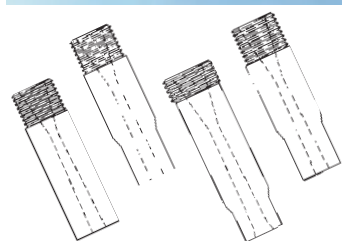
The Schmidt™ 120 and 160 cu. ft. (3,400 and 4,500 liter) bulk blasters are designed to maximize the cost savings of volume production.

Schmidt manufactures the ultimate in stationary and portable bulk blasting equipment and the multi-outlet Thompson Valve™ control systems that allow each operator independent control of his abrasive media flow. 500, 650 and 800 cu. ft. models are standard. CESCO will custom design and manufacture a system to meet your specific needs.

### BULK LOADING SYSTEMS

A Schmidt hopper or Vacu-Blast™ vacuum loading system allows you to purchase media in bulk quantities which can save up to 50% on media costs.

## Blast 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.

**TLVE Series** - 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.

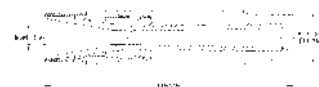
**BLVE Series** - Made with super-hard boron carbide, these nozzles offer the longest service life of any nozzle on the market. Superior wear resistance means that these nozzles can be the most economical (lowest cost per hour of use) over the long term.

**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 threads or 1-1/4 in. brass threads.

### WIDE ENTRY VENTURI NOZZLES...

**for higher pressure systems and highest production rates**

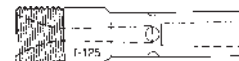
Wider entry throats reduce turbulence upstream of the venturi so these nozzles can handle more air pressure. You can increase productions by as much as 15%. Available in tungsten carbide (T-159 Series). Use with 1-1/4 in. I.D. hose. Available with 1-1/4 in. and 50-mm threads, or flange style.



### DOUBLE VENTURI NOZZLES...

**for widest blast pattern**

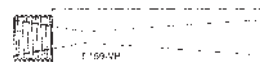
The T125 Series produces 35% larger blast pattern than single venturi nozzles, with only slight reduction in abrasive velocity. For medium cutting action with more even dispersion of abrasive through entire blast pattern. These are excellent for agricultural or plastic abrasives.



### BAZOOKA®...

**for high pressure systems**

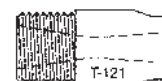
The Bazooka (T159-VP Series) uses high input pressure for a high velocity blast pattern that is 60% larger than conventional nozzles. These nozzles give very high productivity. Nozzle pressure of 125-150 psi yields white metal or near-white metal cleaning; 90-100 psi delivers commercial or brush blast.



### SHORT VENTURI NOZZLES...

**for wide patterns at close range**

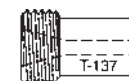
For the widest possible blast pattern at close range, use the tungsten carbide T121 Series or the boron carbide F Series short venturi nozzle. Designed for blasting within 12 inches of the surface.



### 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 I.D.



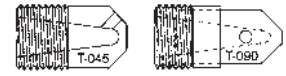


# Blast Nozzles



## ANGLE NOZZLES... for the tight spots

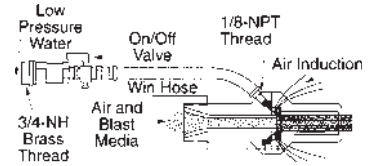
Tungsten carbide gives these 45° and 90° angle nozzles good wear resistance. For cleaning bridge lattice, behind flanges, inside pipe, these nozzles are available with single, double, or triple nozzle outlets. Ask about custom designs and our new ROCTEC® material.



## WATER INDUCTION NOZZLES...

### WIN® System for wet blasting...simple and effective

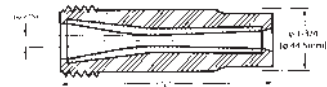
The WIN System is engineered for existing pressure blast equipment - no high pressure water pump necessary. Use low pressure tap water source. Win Series nozzles deliver high productivity with superior dust and abrasive containment, using less water than conventional systems. Water, abrasives and air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



## XL PERFORMANCE NOZZLE

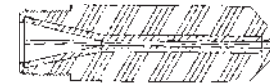
Increased Production Without Cost  
BP200 SiAlON

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



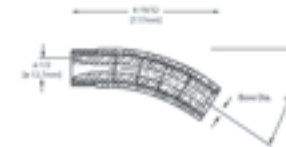
## FAN NOZZLE

This nozzle reduces media consumption, cuts production time in half, plus eliminates over blasting that are typical with conventional nozzles. The even particle distribution offers a superior process for selective stripping. This nozzle also offers a wide uniform blast pattern that promotes a faster and more efficient surface stripping.



## BANANA NOZZLE

40° Boron carbide nozzle with steel jacket & threads. Excellent for getting around lattices and hard to reach areas. Standard 3/4" threads.



## SERVICE LIFE COMPARISONS

Nozzle Material	Approximate service life in hours		
	Steel Shot/Grit	Sand	Aluminum Oxide
Aluminum Oxide	20-40	10-30	1-4
Tungsten Carbide	500-800	300-400	20-40
BP200 SiAlON	500-800	300-400	20-40
Silicon Carbide	600-1000	400-600	50-100
Boron Carbide	1500-2500	750-1500	200-1000

*Estimated values for comparison. Actual service life will vary depending on blast pressure and media characteristics: size, particle shape, and hardness.*

# Hose

ABRASIVE BLAST HOSE



## ABRASIVE BLAST HOSE

PART #	I.D. (IN.)	O.D. (IN.)	PLY	Approx. WT./100'	Max. PSI WP
B-0504	1/2	1-1/8	2	37	150
B-0754	3/4	1-1/2	4	76	150
B-1004	1	1-7/8	4	103	150
B-1252*	1-1/4	1-7/8	2	82	150
B-1254	1-1/4	2-5/32	4	122	150
B-1504	1-1/2	2-3/8	4	141	150

\* Excellent for whip hose

BREATHING AIR HOSE



## BREATHING AIR HOSE

PART #	DESCRIPTION	
4696	Bullard 3/8" Breathing Air Hose	25' Starter Hose
5457	Bullard 3/8" Breathing Air Hose	50' Extension Hose
5458	Bullard 3/8" Breathing Air Hose	100' Extension Hose
04415	Clemco 3/8" Breathing Air Hose	50' Airline Hose
04398	Clemco 3/8" Breathing Air Hose	100' Airline Hose
NV2028	Nova 3/8" Breathing Air Hose	25' Airline Hose
NV2029	Nova 3/8" Breathing Air Hose	50' Airline Hose

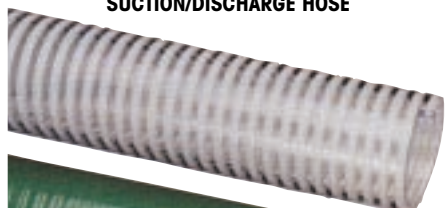
AIR &amp; WATER HOSE



## AIR & WATER HOSE

PART #	ID (IN.)	OD (IN.)	DESCRIPTION	MAX PSI WP
A-0252D	1/4"	1/2"	Air/Water Hose	250
A-0312D	5/16"	19/32"	Air/Water Hose	250
A-0382D	3/8"	21/32"	Air/Water Hose	200
A-0502D	1/2"	13/16"	Air/Water Hose	200
A-0634D	5/8"	31/32"	Air/Water Hose	200
A-0752D	3/4"	1 1/8"	Air/Water Hose	200
A-1002D	1"	1 13/32"	Air/Water Hose	200
A-1254D	1-1/4"	1 25/32"	Air/Water Hose	150
A-1504D	1-1/2"	2 1/32"	Air/Water Hose	150

SUCTION/DISCHARGE HOSE



## TWIN LINE HOSE

PART #	DESCRIPTION	
TL-B	Twin Line	Bulk
TL-55S	Twin Line Assy	55' Schmidt Style
TL-55C	Twin Line Assy	55' Clemco Style



## SUCTION/DISCHARGE HOSE

PART #	DESCRIPTION
J200	2" PVC Suction/Discharge Hose
J300	3" PVC Suction/Discharge Hose
J400	4" PVC Suction/Discharge Hose

MATERIAL HANDLING HOSE



## MATERIAL HANDLING HOSE

PART #	DESCRIPTION
180AR-2	2" Polyurethane Material Handling Hose
180AR-4	4" Polyurethane Material Handling Hose
180AR-6	6" Polyurethane Material Handling Hose

**\*For Paint Hose, Please See Page 16.**

# Blast Hose Couplings & Nozzle Holders



## COUPLINGS & NOZZLE HOLDERS

PART #	HOSE ID (IN.)	HOSE OD (IN.)	DESCRIPTION	MATERIAL
Q1AL	3/4	1-1/2	Blast Hose Coupling	Aluminum
Q2AL	1	1-7/8	Blast Hose Coupling	Aluminum
Q3AL	1-1/4	2-5/32	Blast Hose Coupling	Aluminum
Q4AL	1-1/2	2-3/8	Blast Hose Coupling	Aluminum
Q1N	3/4	1-1/2	Blast Hose Coupling	Nylon
Q2N	1	1-7/8	Blast Hose Coupling	Nylon
Q3N	1-1/4	2-5/32	Blast Hose Coupling	Nylon
Q4N	1-1/2	2-3/8	Blast Hose Coupling	Nylon
NH1AL	3/4	1-1/2	Blast Nozzle Holder	Aluminum
NH2AL	1	1-7/8	Blast Nozzle Holder	Aluminum
NH3AL	1-1/4	2-5/32	Blast Nozzle Holder	Aluminum
NH4AL	1-1/2	2-3/8	Blast Nozzle Holder	Aluminum
NH1N	3/4	1-1/2	Blast Nozzle Holder	Nylon
NH2N	1	1-7/8	Blast Nozzle Holder	Nylon
NH3N	1-1/4	2-5/32	Blast Nozzle Holder	Nylon
NH4N	1-1/2	2-3/8	Blast Nozzle Holder	Nylon

\*Coupling And Nozzle Holders Also Available in Brass

PART #	THREAD	DESCRIPTION	MATERIAL
SB1AL	1-1/4" NPT	Tank Coupling	Aluminum
SB1BR	1-1/4" NPT	Tank Coupling	Brass
SB1OA	1-1/4" NPS	Blast Nozzle Quick Cplg.	Aluminum
SB1OB	1-1/4" NPS	Blast Nozzle Quick Cplg.	Brass
SB2AL	1-1/2" NPT	Tank Coupling	Aluminum
SB2BR	1-1/2" NPT	Tank Coupling	Brass
SB25SL	1-1/2" NPS	Tank Coupling	Aluminum
SB25BR	1-1/2" NPS	Tank Coupling	Brass



**THIS LISTING IS JUST A SMALL EXAMPLE OF PRODUCTS  
AVAILABLE FROM CESCO.  
PLEASE CALL FOR ANY SPECIALTY NEEDS.**



## Spray Pumps & Tanks

### HIGH PERFORMANCE AIRLESS, GAS AND HYDRAULIC PAINT SPRAYERS



**BINKS 57:1 AIRLESS SPRAYER** - Binks BX Piston Pumps for Corrosion Control Coatings; Available in 36:1 and 57:1 Ratios.



**GRACO XTREME SPRAYER** - Graco Xtreme NXT high pressure air-operated airless sprayers provide long-lasting durability that boosts your productivity. It easily handles the toughest protective coatings and corrosion control materials.



The **GMAX™** line of gas-mechanical sprayers are the leaders in their class. Featuring the SmartControl™ processor, GMax sprayers deliver high performance at high pressures and smooth, even performance at low pressures.

#### PREMIER 45:1 SPRAYER

For high volume, high pressure applications from zinc-rich primers to epoxy mastics. Ideal for applications that require large tip sizes, long hoses and high flow rates.

#### PREMIER® 74:1 SPRAYER

For hard-to-atomize high solids and 100% solids (solvent-free) coatings in multiple gun applications with large tip sizes.



#### GRACO ELECTRIC ULTRA MAX II SERIES -

The Ultra Max II Series is the sprayer of choice for professionals who need a higher output sprayer for daily use on commercial jobs.



ITW BINKS TANKS

#### ITW BINKS TANKS

PART #	DESCRIPTION
183C-220	2.8 Gallon PT ASME Tank - 80 psi, 2 regulators/no agitation
183C-221	2.8 Gallon PT ASME Tank - 80 psi, 2 regulators/agitation
183G-221	2.8 Gal. Galvanized Tank - 110 psi, 2 regulators/agitation
183G-520	9.8 Gal. Galvanized Tank - 110 psi, 2 regulators/no agitation
183G-1020	11.8 Gal. Galvanized ASME Tank - 110 psi, 2 reg./no agitation

*\*Larger Sizes & Stainless Steel are Available on Request.*

GRACO DOUBLE DIAPHRAGM PUMPS



#### GRACO DOUBLE DIAPHRAGM PUMPS

PART #	DESCRIPTION	PART #	DESCRIPTION
Husky 307	Graco 3/8" Pump	Husky 1590	Graco 1 1/2" Pump
Husky 515	Graco 1/2" Pump	Husky 2150	Graco 2" Pump
Husky 716	Graco 3/4" Pump	Husky 3275	Graco 3" Pump
Husky 1040	Graco 1" Pump		

NOTE: Please designate material for chemical compatibility with the correct elastomers.

#### PAINT CUP

PART #	DESCRIPTION
81-800	ITW Binks 1 Quart Paint Cup



81-800  
ITW BINKS  
1 QUART  
PAINT CUP

## Spray Guns & Hoses



243283 – Graco Airless Silver Plus Gun with RAC5



XTR-7 – Graco Airless Spray Gun



G10 – Wagner/Spray Tech Airless Gun



AA4400M – ITW Binks Air-Assisted Airless Gun (4400 psi)



2100 – Binks Air Spray Gun



MBC-510 – ITW Devilbiss Air Spray Gun



JGA-510 – ITW Devilbiss Air Spray Gun



XTR-5 – Graco Airless Spray Gun



1108-3500-2 – ITW Binks Pitbull (3500 PSI)



1108-7500-2 – ITW Binks Pitbull (7500 PSI)



MACH1SL – ITW Binks HVLP Spray Gun

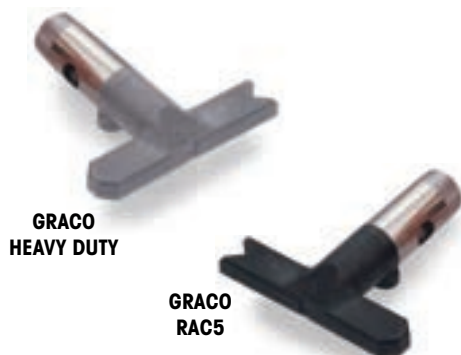


**AIRLESS AND CONVENTIONAL PAINT HOSE AVAILABLE IN NON-STANDARD LENGTHS UPON REQUEST!**

### PAINT HOSES

PART #	DESCRIPTION
CAH5/16x25	5/16" ID x 25' Conventional Air Hose Assembly
CAH5/16x50	5/16" ID x 50' Conventional Air Hose Assembly
CPH3/8x25	3/8" ID x 25' Conventional Fluidall Hose Assembly
CPH3/8x50	3/8" ID x 50' Conventional Fluidall Hose Assembly
APH1/4x25	1/4" ID x 25' 3,300 psi Airless Hose Assembly
APH1/4x50	1/4" ID x 50' 3,300 psi Airless Hose Assembly
APH3/8x25	3/8" ID x 25' 3,000 psi Airless Hose Assembly
APH3/8x50	3/8" ID x 50' 3,000 psi Airless Hose Assembly
HAPH1/4x25	1/4" ID x 25' 6,000 psi Airless Hose Assembly
HAPH3/8x50	3/8" ID x 50' 5,000 psi Airless Hose Assembly
UHAPH3/8x50	3/8" ID x 50' 8,000 psi Airless Hose Assembly
UHAPH3/8x50	3/8" ID x 50' 8,000 psi Airless Hose Assembly
UHAPH1/4x10	1/4" ID x 10' 10,000 psi Airless Hose Assembly
UHAPH1/4x25	1/4" ID x 25' 10,000 psi Airless Hose Assembly
UHAPH1/4x50	1/4" ID x 50' 10,000 psi Airless Hose Assembly

# Tips, Filters & Accessories



## GRACO HEAVY DUTY RAC TIP (GRAY HANDLE)

PART #	DESCRIPTION
GHDXXX	Use with Virtually All Paints & Coatings

## GRACO RAC5 SWITCHTIP (BLACK HANDLE)

PART #	DESCRIPTION
286XXX	General spray tip for all common coatings



## GRACO HANDTITE TIP GUARDS

Use with all RAC Tips (221XXX, 286XXX, LL5XXX & FF5XXX)

PART #	DESCRIPTION
243161	For 7/8 in. (22 mm) thread size. Fits Graco & Titan Guns
XHD001	Extreme Heavy Duty Tip Guard
243263	For 11/16 in. (17 mm) thread size. Fits Graco Pole Guns (old style), ASM and Wagner Guns



## TRITECH CONTRACTOR SERIES

PART #	DESCRIPTION
200-XXX	5000 PSI (345 BAR)

## TRITECH MAXX SERIES

PART #	DESCRIPTION
207-XXX	7500 PSI (500 BAR) MWP for maximum pressure spray applications



## SPRAY SOK

PART #	DESCRIPTION
SS-1PK	Designed for spray painters, chippers and other uses where face and head protection from foreign matter is desired. (12 per box)

## POT LINERS

PART #	DESCRIPTION
PT-78-K10	2.8 Gallon Binks Pot Liners (10/pk)
PT-78-K60	2.8 Gallon Binks Pot Liners (60/pk)



POT LINERS



STRAINERS

## STRAINERS

PART #	DESCRIPTION
14-516	1 Gallon Paint Strainer
14-517	5 Gallon Paint Strainer





## WAGNER

Industrial Solutions

User-friendly, economical and environmentally sound – WAGNER Industrial Solutions systems and components set worldwide standards in industrial powder coating.



### PRIMASPRINT, POWDER SYSTEM

- High-Dynamic-Remote (HDR) trigger by double click
- Closed-Loop-Controller for perfectly reproducible coating results
- Unique controller with HV-characteristic curve settings
- Fast, intuitive, self-explanatory use
- Rapid color changes by air pulsation
- Ergonomic for fatigue-free and safe coating
- Corona and Tribo compatibility
- 50 coating programs storable (4 with direct access)



### C4 AUTOMATIC AND MANUAL GUNS

WAGNER HiCoat manual guns are constructed for high coating output, high efficiency and a long service life. They offer the user optimal handling that is achieved through the use of robust materials, a weight-optimized design and a high performance charging and atomization system.



### SUPERCENTER

- Central operation with high-resolution color touch screen
- Documentation of the powder consumption for each of the color change and easily selectable coating periods can be used to monitor the coating performance and provide a calculation base for the coating cost.
- Automatic color change with interactive user guidance
- Different operational modes allow for the regular changing demands of a job coater.

# Paint Sundries



**PAINT ROLLER HANDLES**



**ROLLER COVERS**



**PAINT TRAYS**



**BLUE 2" PAINTERS MASKING TAPE**



**BUCKET GRIDS**



**BENT RADIATOR BRUSHES**



**SHOE HANDLE WIRE BRUSHES**



**PAINT ROLLERS**



**PAINT BRUSHES**



**Contact CESCO  
for all your basic  
paint equipment needs,  
from brushes to paint trays.**

**Call Today!  
1-888-772-3726**

# Inspection Equipment



**POSITECTOR 6000 SERIES**



**POSITECTOR DPM DEW POINT METER**

**POSITECTOR DFT**



**POSITECTOR PC POWDER CHECKER**



**TESTEX TAPE**



**WET FILM THICKNESS GAUGE**

## POSITECTOR 6000 SERIES

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. (Memory models available and include blue tooth, software & USB Cable.)

## POSITECTOR DPM DEW POINT METER

Measures and records climatic parameters including: Relative humidity, air temperature, surface temperature, dew point temperature, and difference between surface and dew point temperatures. (Meter comes complete with sensors, protective rubber holster with belt clip & wrist strap, batteries, instructions, nylon carrying case with shoulder strap, Certificate of Calibration and 2 year warranty.)

## POSITECTOR DFT

Two models available: PosiTest DFT Ferrous which measures non-magnetic coatings on steel. PosiTest DFT Combo which measures both non-magnetic coatings on steel and non-conductive coatings on aluminum, brass, etc. (Gage comes complete with built in probe, plastic shims, hard shell storage case, AAA Battery, instructions, Certificate of Calibration and 2 year warranty.)

## POSITEST

Magnetic pull-off thickness gage for the non-destructive measurement of non-magnetic coatings (paint, enamel, galvanizing, metalizing, plating, etc.) on STEEL.



**POSITEST**

## POSITECTOR PC POWDER CHECKER

Affordably measures uncured powder coatings using non-contact ultrasonic technology to automatically calculate and display a predicted cured thickness. (Gage comes complete with base unit and probe, protective rubber holster with belt loop and magnetic mount, probe fixture, 3 AAA batteries (base unit) 2 AA batteries (probe), instructions, instructional video, USB cable, carabineer and wrist strap, durable carrying case and two (2) year warranty.)

## TESTEX TAPE

Allows the user to measure the peak-to-valley height of the profile and record it. Testex Tape consists of foam with a non-compressible backing. The foam side is rubbed into the surface providing a permanent mould of the profile.

## CHLOR\*TEST™

A field test to detect for levels of chlorides on various surfaces.



**CHLOR\*TEST™**

## WET FILM THICKNESS GAUGE

Scale 1-80 Mil Range

## THICKNESS GAUGE MICROMETER

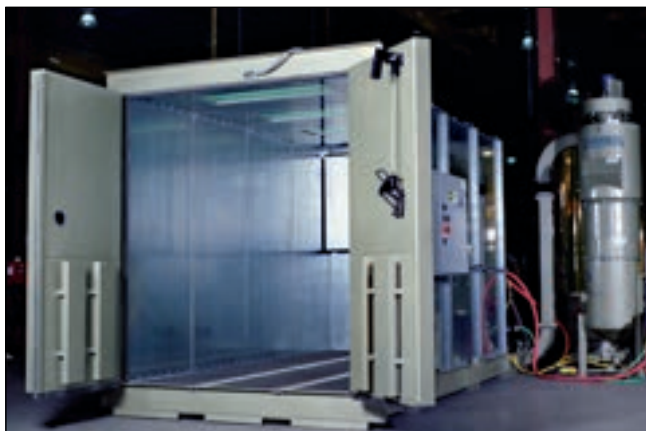
Thickness Gauge Micrometer is used to measure the peak-to-valley height of a surface profile formed in the Testex Tape.



**THICKNESS GAUGE MICROMETER**



## Spray Booths & Curing Systems



### CLEMCO BLAST ROOM SYSTEMS

Pre-Assembled Blast Rooms

- No Pit Required
- Quickest Set-up
- Lowest Total Cost for Complete System
- Enclosure, Blast Machine, Operator, Safety Equipment, Recovery Room, Reclaimer, and Dust Collector
- Turnkey or Do-It-Yourself Installation
- An Industrial Blast Facility



### COL-MET SPRAY BOOTHS

Col-Met Spray Booths manufactures quality paint spray booths and industrial type finishing enclosures. We specialize in spray booths for both liquid and powder coating applications. Other featured products include: Batch Ovens, Powder Coating Booths and Collectors, Air Make-up Units, Batch Curing Chambers, Open Front Industrial and Bench Booths, Automotive and Large Equipment Booths, Wash Booths and other assorted finishing system components



### CESCO CURING AND FINISHING SYSTEMS

- Conveyorized Quartz Infrared Ovens
- Halogen Electric Infrared Ovens
- Conveyorized Gas Catalytic Infrared Ovens
- Electric Conveyorized and Batch Convection Ovens
- Gas Conveyorized and Batch Convection Ovens
- Ultraviolet Curing Ovens
- Vertical and Horizontal Reciprocators
- Thermal Oxidizers
- Complete Finishing Systems



### SPRAY BOOTH FILTERS

PART #	DESCRIPTION
PP-020-020-030	20" x 20" Paint Pocket Filter (30/bx)
PP-020-025-030	20" x 25" Paint Pocket Filter (30/bx)
PP-036-050-001	36" x 50' Paint Pocket Filter (Roll)
PP-045-050-001	45" x 50' Paint Pocket Filter (Roll)



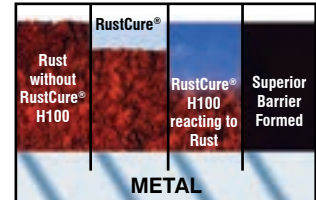


## RUSTCURE® H100

**is the ANSWER when blast cleaning is uneconomical, impractical or unsafe.**

RustCure® H100 is a single-component water-based rust converter/primer for use on rusty metal surfaces. It has the ability to penetrate effectively into corroded steel surfaces where an active constituent of the paint reacts with the rust to form a stable layer. Capable of transforming rust in 30 minutes. The rust-stabilizing process is further reinforced by the high performance copolymer latex emulsion which dries to produce a coating with superior barrier properties.

- Non-Flammable
- Non-Toxic
- Easy Application
- Rapid Drying
- Minimum Surface Preparation
- Excellent Protective and Re-Coat Properties



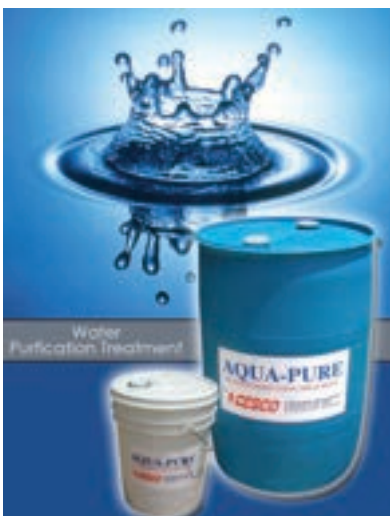
## HOLDTIGHT® 102

**Prevents flash rust, Removes all salts, Cuts grease. It is THE multi-use solution.**

HoldTight® 102 gives superior performance at competitive prices in all applications: atmospheric and immersion; high and low temperature; low and high humidity. In hundreds of tests on all types of coatings "102" usually improved adhesion.

- NO Flash Rust for 48-hours or more – often 3 to 5 days
- NO Salts or other Non-Visible Contaminants
- NO Detectable Residue
- Non-Toxic, Biodegradable, Non-Flammable
- Approved or accepted by almost ALL coating manufacturers

To prevent flash rust, remove salts, and cut grease in dry blasting, wet-abrasive blasting, and UHP applications, and for general cleaning, we recommend...

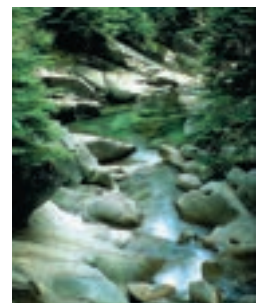


## AQUAPURE

**is the ANSWER to removal of hazardous metals in water and industrial waste.**

AquaPure, from CESCO, offers a wide range of alternatives for removing metals from a variety of water streams: wastewater, contaminated ground water, process water.

- Stabilization of soil containing heavy metals (arsenic, barium, cadmium, lead, selenium, silver)
- In-line treatment of waste from manufacturing or tank wastes
- Stabilization of metals in mixed radioactive hazardous waste
- Treatment of waste and sludge containing metals
- Insitu treatment of shallow soil containing metals
- Stabilization of metals in dredge spoils and mining waste
- Treatment of waste water & ground water containing metals
- Aids in removal of soluble salts



# Stationary Air Compressors



ROTARY SCREW COMPRESSOR – SE25

Evaluating and comparing industrial air compressor capacities and efficiencies can be a daunting task. **CESCO** has the capabilities to assess your particular application and suggest the type and size unit that will best fit your needs.

## ROTARY SCREW AIR COMPRESSORS

A rotary screw compressor is a type of air compressor that uses a rotary type positive displacement mechanism.

Rotary screw air compressors are used in a diverse range of applications. Typically, they are used to supply compressed air for general industrial applications. Trailer mounted diesel powered units are often seen at construction sites, and are used to power air operated construction machinery.



ROTARY SCREW COMPRESSOR

R/S MODEL	A IN.	B IN.	C IN.	WT. ENCL. LBS.	WT. LESS ENCL. LBS.	HP	CFM/PSI				AIR OUT NPT
							100	125	150	175	
R/S 15	30	60	35	790	640	15	67	58	48	44	1/4"
R/S 20	30	60	35	1135	985	20	88	82	71	61	1"
R/S 25	30	60	35	1210	1060	25	108	104	92	80	1"
R/S 30	30	60	35	1425	1150	30	140	130	118	97	1"
R/S 40	42	72	44	1630	1425	40	191	173	150	129	1 1/2"
R/S 50	42	72	44	1955	1750	50	225	212	186	172	1 1/2"
R/S 50-AD	42	72	44	1955	1750	50	225	212	186	172	1 1/2"
R/S 50-D	54	84	56	2375	1975	50	240	219	195	165	1 1/2"
R/S 60-D	54	84	60	2570	2170	60	280	275	236	205	1 1/2"
R/S 75-D	54	84	60	3140	2690	75	365	329	305	261	2"
R/S 100-D	66	84	60	3400	2950	100	465	458	363	308	2"
R/S 125-D	66	84	64	5320	4520	125	600	570	516	440	2"
R/S 150-D	66	84	64	5550	4750	150	760	706	583	546	2"
R/S 200-D	70	90	64	5850	5150	200	960	860	770	—	2 1/2"
R/S 250-D	75	96	80	9700	9000	250	1170	1073	9700	—	3"
R/S 300-D	75	96	80	10000	9300	300	1450	1298	1150	—	3"

NOTE: Add "T" suffix on Model Number to designate Tank Mount Package



SIMPLEX  
TANK  
MOUNTED  
ELECTRIC  
COMPRESSOR

## SIMPLEX TANK MOUNTED ELECTRIC TWO-STAGE 145-175 PSI

HP	HORIZ. MODEL	VERT. MODEL	TANKS GALS	PUMP	CYCL	CFM@ 175 PSI	APPROX. WT	HORIZONTAL			VERTICAL		
								L"	W"	H"	L"	W"	H"
5	5E2HT8	5E2VT8	80	E-57	2	17.9	510	64	23	49	36	25	74
7 1/2	7E2HT8	7E2VT8	80	E-57	2	23.2	530	63	23	49	36	25	74
10	10HT12	10VT12	120	E-71	3	34.2	940	73	28	55	38	32	80
15	15HT12	N/A	120	E-15	3	45.0	1,080	73	30	58	—	—	—



TANK MOUNTED  
GAS DRIVEN  
COMPRESSOR



# Portable Air Compressors & Air Dryers



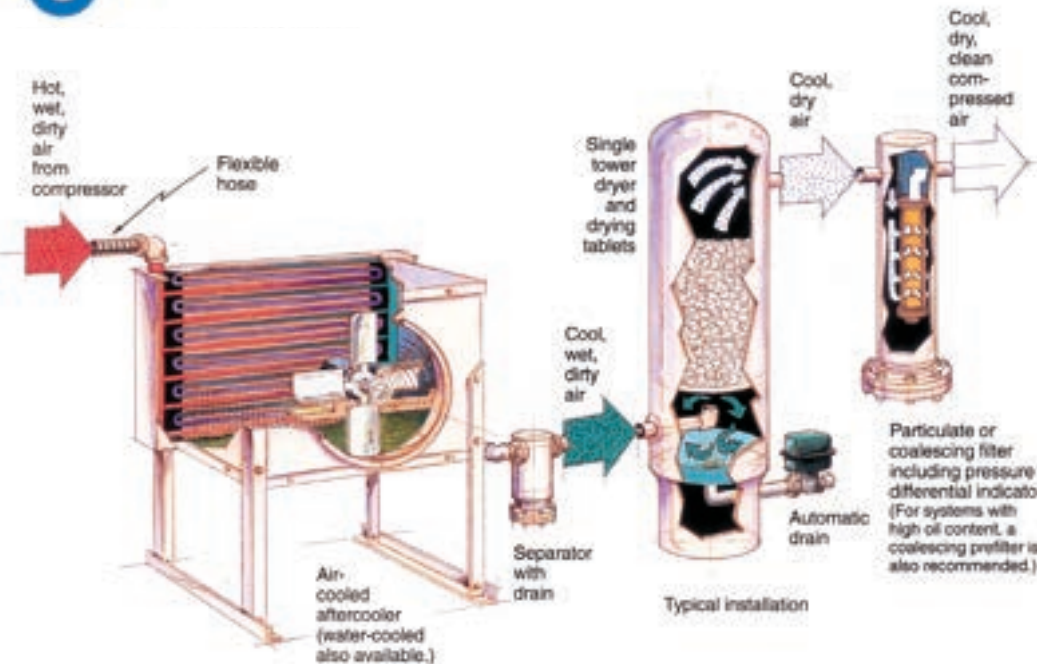
## KAESER MOBILAIR™ SERIES

**Capacities: 50 to 950 cfm**

**Standard pressures: 100 to 145 psig**

**Selected models with pressures to 205 psig**

Kaeser's Mobilair line of portable rotary screw compressors are designed and built for rugged use and dependable performance. These powerful units provide a reliable source of compressed air for construction sites and other industry applications such as demolition, sand blasting, sprinkler irrigation and monument engraving. A wide range of models and accessories are available to suit virtually any need.



## Cool, dry, clean compressed air that's really affordable!

Now you can install a complete air treating system – everything you need downstream of the compressor – to **supply cool, dry, clean air to your pneumatic tools, cylinders, instruments and processes** such as **sandblasting and painting**. And you can **stop air line freeze-ups**, too.

**The Right Way:** Knowledgeable users are aware that the impurities in raw air discharged by the compressor cannot be purged by a single piece of equipment. Untreated air is hot, wet and dirty; partial

attempts won't achieve the desired results. To provide high quality, trouble-free air to pneumatic equipment, the heat, water, water vapor, oil and dirt must be removed separately. A cooler/separator is required to reduce the temperature and discharge the condensed moisture. A dryer is needed to reduce the water vapor and a filter must be used to collect the oil and dirt.

**Call CESCO today for a no cost evaluation to determine the best system for your application.**



## BLAST PAK AIR DRYER SYSTEM

- Complete Portability
- Free Initial Desiccant Fill
- Air Operated
- Small Footprint
- Easy Desiccant Level Viewing
- 10Yr. Vessel Warranty



## DRY PAK

- Free Initial Desiccant Fill
- Mounted Filtration
- Dependable Motorized Drain Valve
- No External Energy Source Required (DP-375 to DP-1000)
- Ideal for Dirty or Dusty Environments

## Air Dryers



REFRIGERANT DRYERS

### REFRIGERANT DRYERS

CR Series has a high system reliability:

- 38°F pressure dew point removes troublesome moisture to extend equipment life.
- Fully automatic operation saves money by adjusting to system needs without complicated controls.
- High efficiency tube on heat exchangers minimize power usage.
- Moisture separator with non-clogging condensate drain automatically removes moisture.

Standard features include:

- Lighted on-off switch
- Dew point indicator on models CR25-CR500
- Non-clogging float drain on model CR10
- Non-clogging timer drain on models CR15-CR500
- Environmentally friendly R-134a refrigeration system
- CFC-free
- Reheated outlet air eliminates cold sweaty piping

STATIONARY DRYERS



### STATIONARY DRYERS

- Rugged and dependable
- Lowest initial and operating cost
- No energy needed
- Compensating dew point
- With a pressure drop less than 1% of the operating pressure
- Protection against freeze ups
- No moving parts to wear out or adjust
- No air loss for operation
- No refrigerant/No CFC's
- Indoor or outdoor installation
- 10 Year Warranty



TWIN TOWER REGENERATIVE DRYER (HL SERIES)

### TWIN TOWER REGENERATIVE DRYERS

- Power On LED
- High quality microprocessing controller compatible with computer monitoring equipment. Registers may be displayed with optional loader.
- Cycle selector dial: provides choice of fixed cycle operation or energy saving mode.
- Indoor or outdoor installation
- Failure-to-switch alarm LED and contact: activates if tower pressure does not match operating logic.
- Energy savings LED and contact: activates when unit is in energy saving mode.
- Left and Right drying LED's
- 10 Year Warranty

FILTER/REGULATOR/LUBRICATOR



### FRL'S: FILTERS, REGULATORS, AND LUBRICATORS

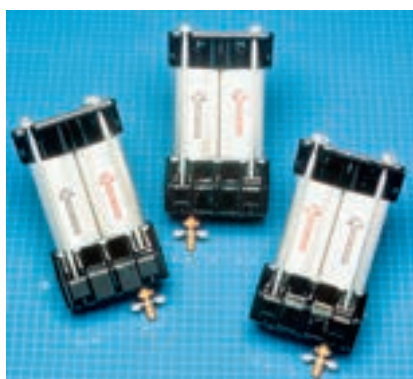
#### ARROW PNEUMATIC

- F-series Particulate, Oil Removing, Coalescing Filters from a .03 - .9 micron
- R-series Pressure Regulators max pressures 250-300 psi Temp. 40°F - 120°F
- L-series Arrow Fog, Ultra Fog, and Arrowick Lubricators

All FRL's have a modular design which allows for integral combinations to suit your pneumatic system needs.

### LA-MAN MOISTURE EXTRACTORS

- Standard 5 micron rating
- Lower micron ratings available
- SCFM range 15 through 2000
- Dew points 10° to 35°F at atmosphere
- Easy to install and maintain
- Modular design can expand to 4 stages if needed
- Immediate cost savings from decreased downtime, improved tool performance and downstream product quality



LA-MAN MOISTURE EXTRACTORS

## Pressure Washer Accessories



### SPECIALTY CLEANERS

#### 5 GALLON

- Detergents
- Aluminum Brighteners
- Transport Wash
- Graffiti Removers

#### 55 GALLON DRUM

- Concrete Cleaners
- Liquid Waxes
- Rinse Aids
- Floor Wash



#### 225 GALLON TOTE

- Polished Aluminum & Stainless Steel
- Citrus Based Cleaners
- Phosphatizers
- Parts Washer Solutions



### PRESSURE CLEANING HOSES, GUNS, WANDS & ACCESSORIES

Hoses from 3,000 to 7,000 PSI and 50' to 200' lengths  
(custom assemblies available)



TIPS

ROTATING  
NOZZLES



HOSE REELS



PRESSURE HOSES



WANDS



SURFACE CLEANERS



**REPLACEMENT PRESSURE PUMPS AND REPAIR PARTS ARE AVAILABLE.  
PLEASE CONTACT CUSTOMER SERVICE.  
CALL 1-888-772-3726**



## Pressure Cleaning Equipment



**HOTSY TRAILBLAZER**

### HOTSY TRAILBLAZER

- Hot or Cold Water
- Electric or Hydraulic Brakes, Hose Reels, Saddle Boxes
- 3000 to 3500 PSI & 3.0 to 5.6 GPM
- 7 yr. Pump Warranty / 5 yr. Coil Warranty
- Custom units available

### HOTSY GAS ENGINE SERIES

- 2400 to 3500 PSI & 2.7 to 6.0 GPM
- Portable (most models)
- Electric start models available
- Diesel Fired Burners



**HOTSY GAS  
ENGINE SERIES**

### HOTSY 700 SERIES

- 1000 to 3000 PSI & 2.1 to 3.5 GPM
- 208-230v/1ph. Powered
- Portable
- LP, Natural Gas or Diesel fired burners
- 7 yr. Pump Warranty / 5 yr. Coil Warranty



**HOTSY 700  
SERIES**

### HOTSY 1800 SERIES

- 2000 to 3000 PSI & 3.8 to 9.5 GPM
- Stationary (some models can be portable)
- Wide variety of voltages available
- LP, Natural Gas or Diesel fired burner
- 7 yr. Pump Warranty / 5 yr. Coil Warranty



**HOTSY 1800  
SERIES**



**PRESSURE PRO COLD WATER UNITS**

### PRESSURE PRO COLD WATER UNITS

- 2400 to 7000 PSI & 3.0 to 6.0 GPM
- Direct or Belt drive – Portable or Skid Mount
- Gas, Diesel or Electric
- GP, CAT or AR Pressure Pumps
- All units include hose, wand, tips & aircraft aluminum framing

### PRESSURE PRO SKID MOUNT UNITS

- 3000 to 4000 PSI & 4.0 to 8.0 GPM
- GP, CAT or AR Pressure Pumps
- Briggs, Honda, or Power Engines
- Rugged steel, low profile frame with powder coated finish
- All units include: gun, wand, tips, 50' hose and 20% chemical injector



**PRESSURE PRO  
SKID MOUNT UNITS**



**MODEL D-115**

- **Patented B.O.S.S.® Abrasive Injection System**

The system **pressure feeds any abrasive** media to achieve a multitude of blasting specifications. **Achieve a white metal finish, profile new steel, prepare concrete, or simply degrease and clean.**

The ULTRA BOSS can use traditional abrasives for high strip rates or baking soda abrasives for low environmental impact and delicate blasting requirements.

- **Pneumatic Remote Control System**

The pump and motor are only fully engaged when the trigger is pulled. This uses less electricity, causes less wear and tear, and eliminates expensive tumble boxes, dump valves and unloaders.

- **Triplex Plunger Water Pump**

The pump provides ultra high pressure (up to 40,000 PSI) while using a low volume of water (up to 6 GPM). This means less operator fatigue, less water to contain and dispose, and less inlet water required (just a garden hose for feed water).

The "D-Series" AQUA MISER® is a Diesel Engine Driven High Pressure Cleaning System. The onboard air compressor makes the unit self-contained needing only a water supply source. It is a trailer-mounted high pressure unit capable of cleaning pressures up to 40,000 PSI and flow rates of up to 7 GPM. That means there is considerably less water to contain and dispose of and less operator fatigue.

The "D-Series" unit features the patented "B.O.S.S.®" abrasive injection system which pressure feeds virtually any abrasive media into the water stream meeting a wide variety of blasting specifications. This includes, but is not limited to, preparing concrete, profiling new steel, giving a white metal finish, or degreasing and cleaning. These units can use traditional or standard abrasives for high strip rates, as well as water soluble abrasives for environmentally sensitive work fulfilling delicate blasting requirements.

**MODEL D-44**



**MODEL D-225**

(MULTI-GUN SYSTEM  
WITH 2 GUNS, 6 GPM)





# Aqua Miser® E-Series



## MODELS E75-VII / E75-II

The "E-Series" AQUA MISER® is Electric Motor Driven and provides cleaning water pressures ranging from 15,000 to 40,000 PSI from 3.6 to 7 GPM via a triplex plunger pump system. Combining the power of 40,000 PSI water and innovative safe design brings water jetting into the 21st century! Operators are in full control of the variable speed drive through a touch screen color graphics control system that gives them the ability to set and watch the working pressure and RPM.

The Aqua Miser® family of equipment is unique in the industry because it has no bypass unloader valves to wear out. The pump starts and stops upon activation of the Class 1, Division 1 Electronic Gun Trigger Switch. This technology saves money by not consuming water, using electricity or wearing on the pump until the operator activates the trigger. All machine diagnostics can be accessed through the color touch screen making troubleshooting of this system a snap!



**MODEL 25V-WO**  
(15,000 PSI)



**MODEL E-150**  
(MULTI-GUN SYSTEM  
WITH 2 GUNS, 6 GPM)





## AQUA SAFE SUIT



**AQUA SAFE BIBS**  
AQSBI



**AQUA SAFE SUIT (COMPLETE)**  
AQSSI



**1-110**  
**AQUA MISER**  
**SHIN GUARDS**

For added safety and personal protection CESCO recommends the AQUA SAFE SUIT series of products. Made of reflective UHP water proof fabric, this apparel can provide chin to toe protection against possible injury from accidental high pressure water streams associated with waterjet blasting. Available in various configurations and sizes for comfort and mobility.

## ACCESSORIES



**MODEL F40**

### Abrasive Fan Water Blast Gun

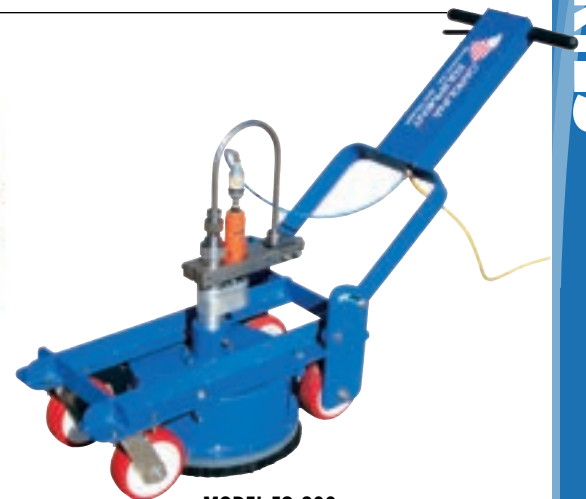
Rated Operating Pressure: 40,000 PSI.  
Rated Flow: 6 GPM.  
30-Degree Flat Fan Blast Pattern, Wear Resistant Media Injection Inserts.  
Large variety of abrasive media types and grades available.  
Pump Control: Electrical Contacts.



**MODEL R40**

### Rotary Water Blast Gun

Rated Operating Pressure: 40,000 PSI.  
Rated Flow: 6 GPM.  
Required Air: 20 cfm @ 90 PSI.  
Inline Air Motor Lubrication.  
Rotation: 2700 rpm.  
Four Port Titanium Rotating Spray Head with 3/8-24 jeweled nozzles. (Other head configurations are available in stainless steel on request).  
Aluminum Safety Shroud at High Pressure Hose Connection.  
Dual triggers for Safety.  
Pump Control: Air or Electrical Contacts.  
Length: 40", Hose Length: 16', Adjustable Handle.



**MODEL FC-200**

### Floor Cleaner

Adjustable Handle Bar.  
Front Swivel Caster for Maneuverability.  
Rated Operating Pressure: up to 40,000 PSI.  
Working Pressure Safety Factor: 2.5:1.  
Rated Flow: up to 6 GPM.  
10" Stainless Steel Rotating Spray Bar.  
Vacuum Recovery Compatible.

## Water Purification



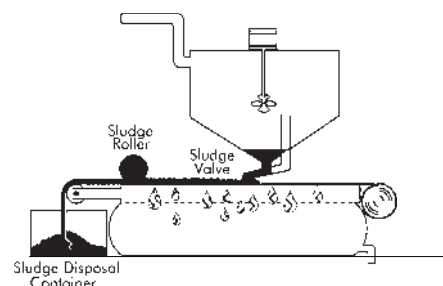
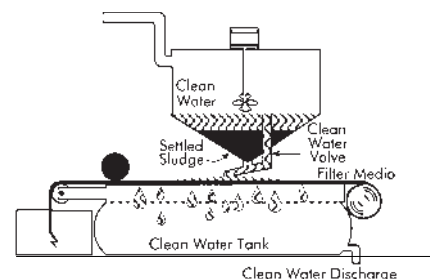
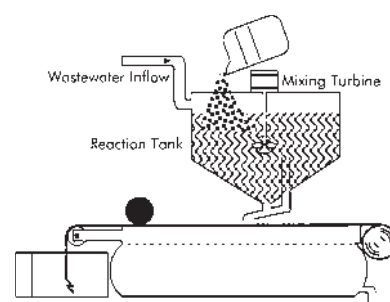
### AQUA MISER® WASTE WATER FILTRATION UNIT



MODEL BBC-10-15-3

**CESCO** introduces a new line of products for removal of metals from a variety of water streams including: waterblasting, waste water, contaminated ground water, process water and potentially, drinking water.

The CESCO waste water filtration system is designed to remove heavy metals from the waste stream.



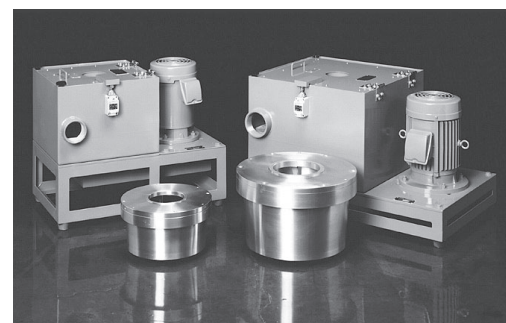
### AQUAKLEAN

**AquaKlean will reduce volume of waste disposal by as much as 85%.**

MANUAL -  
MODEL C50M



AUTOMATIC -  
MODEL C100A



- Simple installation
- Cost effective
- Automatically cleans itself
- Solids are discharged for easy disposal
- Minimizes waste by separating liquid and solid waste
- Eliminates the use of filters or other consumable materials

# Water Purification

## ALL NEW "SMART ROCKS" WASTE WATER FILTRATION

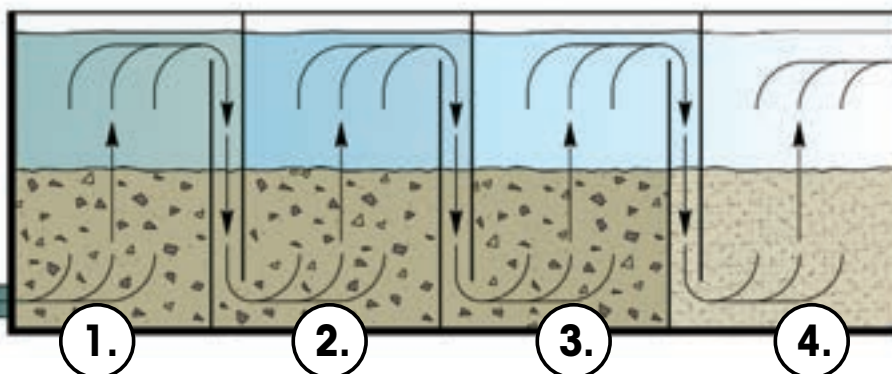
### AQUAPURE

**AquaPure** is a water filtration system as simple as "rocks in a box." AquaPure offers solutions to safely filter out the dangerous elements to protect our environment and reduce your disposal fees. Save your company money while meeting or exceeding regulatory limits for discharge.



Waste Water Inlet

### AquaPure Process:

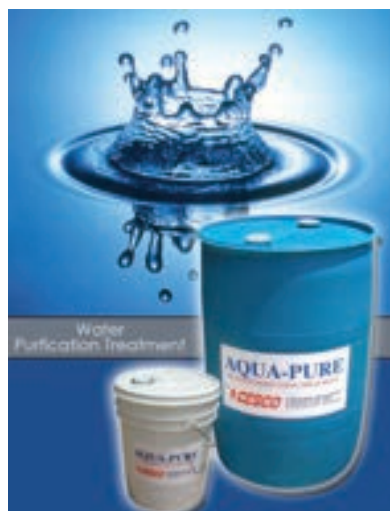


1. Water enters chamber and instantly reacts forming sulfides that remain in the ROC.
2. 2nd Reaction Chamber
3. 3rd Reaction Chamber
4. Sand Filter Chamber for solid removal

CLEAN Water



### WHAT IS AQUAPURE?



**AquaPure** is a non-hazardous inorganic sulfide that can be used to stabilize metals present in waste streams generated by waterjetting.

**AquaPure**, through a simple chemical process, bonds with metals to form insoluble metal sulfides. These reactions typically require relatively small quantities of treatment chemical due to high reaction efficiency, thereby substantially reducing sludge generation and waste bulking. AquaPure has passed the EPA's Multiple Extraction Procedure (MEP), simulating 1,000 years of activity,

and is manufactured in three distinct forms: liquid, powder, and granular solid, allowing for a wide range of treatment alternatives.

### AQUAFLOK



**AquaFlok** powder is a blend of enhancement polymers and clay that have an enormous and eager appetite for most

contaminants found in waste water such as emulsified oils, heavy metals, TSS, paint, etc.

The **AquaFlok** allows the heavy metals to coagulate into a sludge form, which then can be filtered out and disposed of. TCLP test results typically confirm that the process has permanently isolated the contaminants in a "non-leachable" form.



# Containment System

"The system captures the water, filters the paint particle for disposal, and reuses the water for further paint removal. The only by-product of the operation is the paint and rust. After careful analysis of existing technology, the 46th maintenance squadron decided the water pressure paint stripping operation was not only the most efficient, cost-saving system, but was the most environmental sound."

"In the stripping process the plastic media and garnet-blasting refuse becomes coated with the metal print. This refuse is hazardous waste, and

base organizations have to pay to dispose of this material. This can get expensive. According to Sculthrope. It costs \$1 per pound to dispose of hazardous waste. Plastic blast media and sand blasting media can fill up to a 55-gallon drum in a day and half, weighing in a hefty 850 to 900 lbs."

"Since November, we have been stripping three to five pieces of equipment a week and have filled three-fourths of 55-gallon drum with paint particles."

"Savings are not only generated from the

reduction of hazardous waste but also in a reduction of man-hours. Dzioknonski said this system works 25-50 percent faster."

"The cost saving from reduction in hazardous waste disposal alone is \$140,760.00 the first year. The equipment including installation and start-up will have paid for itself in a little over two years. This does not take into consideration the additional saving in man-hour reduction."

*Excerpts from Environmental Management News Dated April 18, 2003*

## BOSS BLAST CONTAINMENT SYSTEM WITH AIR AND WATER FILTRATION

NON TOXIC AIR RELEASE • NON TOXIC WATER RUNOFF • SOLID PARTICULATE CAPTURE • VARIOUS SIZES AVAILABLE



**Hydro-Cyclonic Separator:**  
Removes solids from the contaminated water stream.



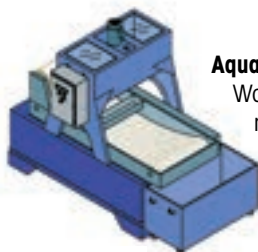
**AquaKlean:**  
Utilizes centrifugal force to separate solids as small as 10 micron.

### AquaFilter:

Utilizes water curtain and baffles to remove airborne particles from the re-circulating air.

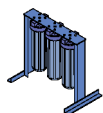


**Water Storage Tanks:**  
Storage location for the clean and dirty water in the system.



### AquaTreat:

Waste water treatment system chemically removes and filters heavy metals and impurities from the water system. Water can then be re-circulated back to the HP water pump.



**Stand Alone Filter System:**  
Filters the water to 2 micron.

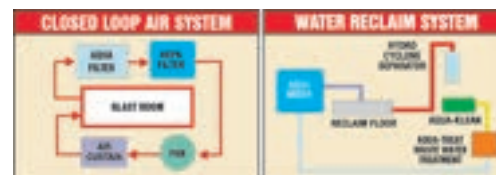


**E-75 Aqua Miser®:**  
High-pressure water pump rated at 3.0 GPM at 40,000 PSI.

### ROOM CONSTRUCTION FEATURES:

- Exterior construction and ducting is 3" laminated foam and aluminum panels which provide stability and sound dampening.
- Interior walls are lined with stainless steel panels for durability.
- Galvanized steel water section (AquaFilter).
- Water-tight lighting is provided for high visibility.
- Automatic roll-up steel doors.
- Concrete floor has trench and sump pit for full water recovery.
- Air Filtration System

The Aqua Miser BOSS® Containment System utilizes known engineering principles to remove paint particles and water vapor from the room air in the blasting system. Air is drawn through the Water Fall Filtration System, a continuous curtain of moving water, and thrown against adjacent walls where suspended particles are removed and flushed into the collection pan. Air reaching the filters is virtually free of airborne particles and water vapor.



**The Aqua Miser BOSS® Containment System tremendously reduces all cost associated with waste disposal.**



## WATER JET TECHNOLOGY

### AQUA MISER®

The **Aqua Miser** is used to speed up the development of weapons at the high-speed test track located on an U.S. Air Force Base. The test track utilizes a coated train like rail system to guide a rocket-powered sled toward a target at speeds up to (2) miles per second. The rail coating is to be removed and replaced between each rocket sled run. The **Aqua Miser** system replaced a conventional sand blasting method and reduced the turn time on the track providing for a greater number of test runs to be performed.



### AQUAVAC

**If you are concerned about environmental issues related to your water blasting operation, consider a portable closed loop system:**

The CESCO **AquaVac** used in conjunction with vacuum compatible water blast equipment, such as CESCO'S Deck Blasters and Hand Held Rotary Scrubbers, provides continuous collection and filtration of blast water and debris in a closed loop system.

*Eliminates environmental impact of contaminated runoff.*

*Minimizes cleanup*

*Eliminates the accumulation of water and debris in the work area.*



The **AquaTrack** system utilizes a digitally controlled, self-propelled railcar, equipped with a fully instrumented operator cab, a 60kW generator set for power, (2) Aqua Miser D-115 pump systems, and a water supply tank. Fixture mounted guns directed the waterjets at the coated rails while the railcar moved at digitally set speeds. All functions could be controlled either from the operator cab, or from a radio powered remote control pendant.

The **AquaTrack** railcar due to its versatility and robust design is used to perform a number of operational and maintenance functions at the high-speed test track including reapplication of the rail coating.

### AQUATRACK

Prior to 2003, the Transit Association experienced many costly delays, flat spots on wheels, and incidents of rail crossing gates not activating. These problems are attributed to a resin from falling leaves building up on the rails in the fall season. The resin causes slippery rails, resulting in the trains sliding and over shooting the stations. The resin can also electrically isolate the wheel from the rail, which results in failed gate crossing activation. Recorded was over 300 delays in 2002 attributed to slippery rails.

In 2003, two CESCO 250 HP, 10,000 PSI pumps were mounted on a rail car with water blast nozzles located just above the rails. The water blast removes the embedded resin at a rate of up to 30 MPH. CESCO also provided a heated control cab for an operator to monitor and control the water blast operation. In 2003, the Transit Association recorded only 45 delays, an 85% improvement over the previous year.

The high pressure water blast system may reduce maintenance cost alone more than enough to pay for the system the first full season of operation.





# Head Protection



## HARD HATS

### North Cap A29

4-point suspension, light weight, with slots for attaching accessories. Also available with ratchet suspension. Meets ANSI Z89.1-1997.

### Bullard Safety Cap 3000

6-point suspension, wide profile and brim increases protection from sun and enhances ventilation with slots. Available with ratchet suspension. Meets ANSI Z89.1-1997.

### Bullard Safety Hat 303

6-point suspension, full brim offers increased protection from harmful UV rays, glare, splash, and rain. Available with ratchet suspension. Meets ANSI Z89.1-1997.

### Jackson Fiberglass Cap SC-16

With ratchet suspension. Slotted for accessories. Meets ANSI Z89.1-1997.



LET CESCO PERSONALIZE YOUR HARDHATS WITH YOUR OWN COMPANY NAME AND LOGO.



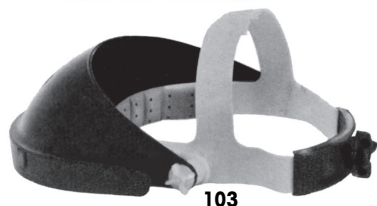
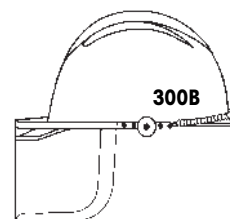
## BRACKETS

### Bullard Gold Line Bracket 100G

For attaching faceshields to safety caps. Made of anodized aluminum.

### Bullard Di-Electric 300B

Bracket is nonconductive when used with a nonconductive visor. Made of molded plastic.



### 103 Ratchet Headgear with Spark Guard

Fits most faceshields.



## FACESHIELDS

### Faceshield 181640

Multi-punched holes will attach to most brackets and headgear. 8" x 15" x .040

## LINERS

### Winter Liner 4016

Navy Blue twill outer shell with red fleece lining and long nape in back.

### Winter Liner 5016

Tricot laminated to flame resistant sponge outer shell, quilted to red fleece lining.

### Winter Liner 6000

Same heavy construction as Style 4016, but comes with nose flap with adjustable Velcro closures for extreme cold protection.





# Ear, Eye & Face



230



S-2900



SB1800



152-CL



38



GB1830ST



S4110S

## SAFETY GLASSES

### 230 Pyramex Chemical Splash Goggles

Also available in direct vent (perforated) frame with standard lens.

### SB1800 Pyramex Venture II Glasses

9.75 base curved lens. Fully adjustable temples. Coated scratch resistant lens. Available in a broad variety of frame and lens colors. 99% UV protection. Meets ANSI Z89.1 Standards.

### S-2900 Clear Integra Glasses

Lightweight, contemporary styling. Adjustable temples for custom fit. Available in lens shades: smoke, amber, 3.0 green, 5.0 green filter lens. Exceeds ANSI Z89.1 Standards 99% UV rated.

### 38 Special Series Smith & Wesson Precision Frame With Low Glare Matte Black Finish

Available in clear, smoke or mirror lens. Exceeds ANSI Z89.1 Standards.

### 152-CL Smith & Wesson Magnum Series

Ultra contemporary styling, one wrap around lens, adjustable 4-setting temples. Available in lens shades: clear, smoke, yellow, and mirror. Exceeds ANSI Z89.1 Standards.

### GB1830ST (Anti-Fog)

Amber lens with black strap / temples.

### GB1810ST (Anti-Fog)

Clear lens with clear frame.

## EYEGLOSS HOLDERS

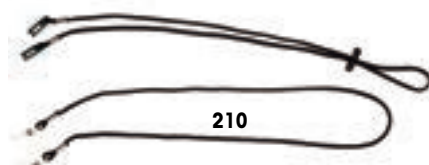


SNUGZ

**SNUGZ Eyeglass Holders**  
Ball adjustable, to hold glasses comfortably in place.

### BIG-EZZ

Same as above except to accommodate larger eyeglass temples.



210

**210 Eyeglass Economy Neck Cord**  
Black

## LENS CLEANERS



### 1200 0355 Disposable Lens Cleaning Station

Includes 16 oz. anti-fog, non-silicone spray cleaner and 1200 low-lint, non-abrasive 3" x 8" tissues. Can be placed tabletop or wall-mounted.

# Ear, Eye & Face

## EYEWASH STATIONS



**G1814P**  
**Wall Mounted Eye Wash**  
 with ABS Plastic Bowl and Stay Open Ball Valve.



**200**  
**Portastream II**  
**Self Contained Gravity Fed Eye Wash Station**  
 15-minute flow, complete with hanging bracket and eye saline concentrate.



**G-1902P**  
**Safety Station**  
 Consists of eye wash with ABS plastic bowl, 10" ABS shower head, stay-open push valve on eye wash and shower. Furnished with ANSI compliant identification sign.



**G-1512**  
**10-Gallon Portable Eye Wash Station with 6" Drench Hose**  
 Available with 15-minute discharge time on eye wash and drench hose. Stainless steel tank with carrying handles.



## EARPLUGS

**9100 Series**  
**Tasco Tri-Fit Corded Ear Plugs**  
 Silicone in translucent impact carrying case and fitting instructions. Sizes: S-L



**E.A.R. Classic Foam Ear Plugs**  
 No sizing required. NRR29  
 200/box Uncorded  
 100/box Corded



## EAR MUFFS

**H3P3E**  
**Peltor Cap Mount Hearing Protection for Slotted Safety Caps**  
 Liquid/foam filled ear cushions. NRR 22

**H7A**  
**Peltor Hearing Protection**  
 Padded headband, broad ear cushions, with combined liquid and foam filling to give good sealing and low surface pressure. NRR 27



**HB-25**  
**Smith and Wesson Hearing Protection**  
 Logo on cup. Pivoting cup attachment for equal pressure distribution. NRR 25

## Respiratory



### HALF FACE MASKS

**Disposable Respirator  
7190N95**  
20/box



**North Half Mask  
Silicone Respirator  
7700-30**  
with Cradle Headband Suspension. Available in small, medium, and large sizes.

### GAS & VAPOR CARTRIDGES



**North 75SC**  
Defender™ Multi-Purpose Cartridge for Organic Vapors, Chlorine, Hydrogen Chloride, Sulfur Dioxide, Ammonia, Methylamine and Formaldehyde

**North 7583P100**  
Organic Vapor, Chlorine, Hydrogen Chloride, Sulfur Dioxide Hydrogen Fluoride, Chlorine Dioxide Cartridge (99.97% min. Filter Efficiency).

**North N75001**  
Organic Vapor Cartridge

*Cartridges for Other Gas Vapors Available*

### RESPIRATORY SYSTEMS



**North Series  
Self-Contained  
Breathing  
Apparatus 800**  
NIOSH approved.  
Certified as meeting  
NFPA requirements.



**Allegro 9200-02**  
Two worker mask station includes pump, two full face Respirators and two 50' sections of hose.



### FULL FACE MASKS

**North Respirator  
Facepiece 54001**  
Each facepiece comes with 3 peel-away windows, 6 respirator wipes and a storage bag. Oral nasal cup reduces fogging and lessens dead air space to improve worker comfort by limiting re-breathing of exhaled air.



**3M Full Face Silicone  
Respirator 7800**  
Respirators are designed to accommodate a wide variety of cartridges. Standard nose cup helps prevent fogging and speaking diaphragm makes for easy communication.



**North Full Face Silicone  
Respirator 7600-8A**  
with 5-Strap Head Harness, Nose Cup, Speaking Diaphragm, Neck Strap and Hard Coated Polycarbonate Lens. Available in small and medium/large sizes.



**Bullard Continuous Flow  
Full Face Airline  
Respirator SPEC40L**  
With adjustable flow valve. Available in two sizes. For use with compressed air. Also available for use with free air pump.



**Allegro 9514  
AC Axial Blower with  
Canister and 15' Ducting**  
Axial blower allows 15' ducting to collapse into a built-in canister for easy storage. CSA approved. 1/3 HP, 3A/115V. \*Other models available, including gas powered models.



**Allegro 1001-100  
Respirator Cleaning  
Pads 5" x 8"**  
Individually foil packaged toweltette. 70% Isopropanol designed specifically for respirator and other personal safety equipment.



# Foot, Hand & Clothing

## GLOVES



**3501C-LG**  
Leather Palm Work  
Gloves With 2 1/2"  
Rubberized Safety Cuff



**Y0123**  
Top Grain Cowhide  
Leather Drivers  
Style Gloves  
Sizes: SML-XL



**NH200**  
Russet Side  
Split Leather Welders  
Gloves  
Sewn with Kevlar.



**1514L**  
Flock Lined  
Nitrile Gloves  
13" Length,  
15 mil, Green.



**105**  
Nitrile,  
Cut And Sewn  
Available in Men's and  
Women's sizes.  
(\*106 women's size)



**708SK-BS**  
Cotton String Kit, PVC  
Mini-dots both sides.  
Men's sizes.



**4502CDP**  
Double Palm and  
Index Finger Leather  
Work Glove with 2 1/2"  
Rubberized Cuff



**980**  
Select Shoulder  
Split Leather  
Drivers Style Gloves  
Sizes: SML-XL



**7712R**  
Black 12" Fully Coated  
PVC Gloves, "Sand-  
paper" Finish for Grip



**2224**  
Flock Lined Neoprene  
Over Latex  
13" length, 28 mil, blue over  
yellow.

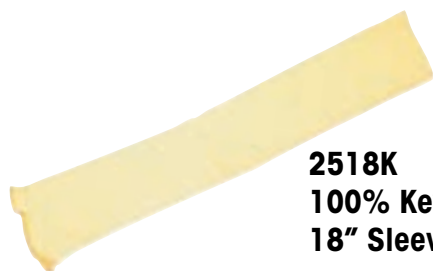


**5060**  
Industrial Grade, 5 Mil  
Lightly powdered latex examination  
100/bx. Also available in  
powder-free.



**35KDBS**  
100% Kevlar,  
Regular Weight  
Dots available on both sides.  
Men's sizes.

## SLEEVES



**2518K**  
100% Kevlar,  
18" Sleeves



**DS-18E**  
18" Blue Vinyl Sleeves,  
Elastic Both Ends.



OTHER STYLES OF GLOVES AND SLEEVES AVAILABLE  
FOR ALL YOUR APPLICATIONS.

## Foot, Hand & Clothing

### BOOTS



**74522**  
**36" Black PVC**  
**Hip Boots with**  
**Steel Toe**

Whole sizes 7-15.  
Bar tread -  
anti skid sole.



**S6SP**  
**6" Polyblend**  
**5-Eyelet Rubber Shoe**  
**with Steel Toe**

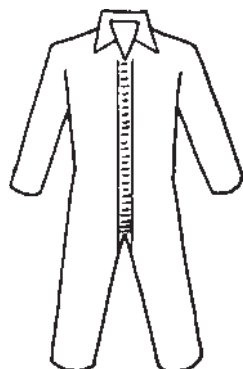
Whole sizes 6-13.  
Molded anti skid  
sole and heel.



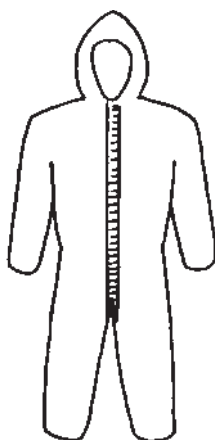
**WE16SU**  
**16" Black Rubber**  
**Knee Boots with**  
**Steel Toe**

Whole sizes 6-15.  
Bar tread - anti skid  
sole and heel.

### DISPOSABLE CLOTHING

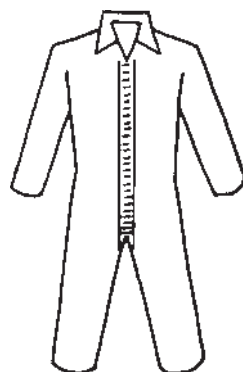


**6001**  
**Tyvek Coverall**  
Full cut, non-sparking  
zipper, 25/case.  
Meets or exceeds ANSI/ISEA.  
Sizes: SML-5X



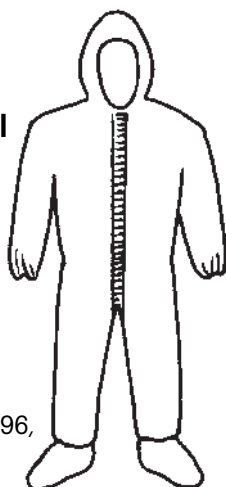
**6001-H**  
**Tyvek Hooded**  
**Coverall with**  
**Elastic Face**

Full cut, non-  
sparking zipper,  
25/case. Meets or  
exceeds ANSI/ISEA.  
Sizes: SML-XXL



**5001**  
**Polypropylene**  
**Coverall**

Zipper front,  
25/case.



**6001-B**  
**Tyvek Coverall**  
**with Attached**  
**Hood and**  
**Boots**

Elastic wrist. Gray  
non-slip shoe, full  
cut, non-sparking  
zipper, 25/case.  
Meets or exceeds  
ANSI/ISEA 101-1996,  
Sizes: SML-5X



**713-HD**  
**Tyvek Hood with**  
**Elastic Face**  
Covers shoulders.

**901**  
**Tyvek**  
**Shoe Covers**  
Low style,  
elastic  
top.



**6017-H**  
**Tyvek Boot**  
**Covers**  
High style  
elastic top.



**200-3, 3-pc. Rainsuit**  
PVC on Polyester, 35mm thick, bib  
style overall, jacket with detachable  
hood. Sizes: S-4X

**250-2, 49" Long Raincoat**  
with Detachable Hood. 35mm thick,  
PVC on Polyester.  
Sizes: S-4X



### HAZ-MAT SUIT

**10650 Tychem**  
**10,000 Level A Deluxe**  
**Encapsulated Suit**, rear entry  
(\*10640 front entry)  
Vapor proof suit, sealed seams  
inside and out, 48" zipper, double  
storm flap with Velcro, 2-layer  
faceshield (10mil teflon/40mil PVC)  
3 layer glove combination, butyl,  
North silver/shield and kevlar, 2  
Pirelli valves, attached sock boots  
with boot flap, 1" waist belt sewn  
inside and sealed. (Storage bag  
included)

## Foot, Hand & Clothing



### 701- Aluminized Proximity Suit

**Note:** Other styles of alum. clothing available.



**Acid Suit 96** - Heavyweight 13 oz. PVC/ Polyester knit coated on both sides. The term "acid suit" denotes the unique construction of the garment, with double welded seams and storm flap to conceal the dielectric snaps. Flame retardant.



### 605 - NMX Nomex Clothing

Standard coverall features six pockets: 2 breast, 2 rear, 2 front; covered snap front and elasticized waistband.



### JE9036 - Chain Saw Chaps

One-size-fits-all

- Patented asymmetric design for better protection where most injuries occur.
- Universal size, three sets of belt loops allow leg length adjustment from 33-36 inches.
- Easy on, easy off apron style, with two sets of leg straps and buckles.



### 400 - STD Combination Foot-Shin Guard

Aluminum alloy.



### 702 16 Gauge Carbon Steel Toe Guards

Fits over any shoe.



### 200 Foot Guard with Rubber Toe

Aluminum alloy.



### 7101-Standard Knee Pad

One piece molded construction with adjustable Velcro straps.



**OTHER STYLES AND COMBINATIONS OF FOOT PROTECTION AVAILABLE.**



# First Aid



**1800  
Emergency  
CPR Kit**



**2025  
25-Man Bulk  
Packaged  
First Aid Kit**



**1699  
Eye Wash Station**  
Consists of backboard  
and two 16 oz.  
eye wash bottles.



**BBP-10P  
Bloodborne  
Pathogen  
Kit**



**Rubbermaid Coolers**  
**16831** – 3 Gallon  
**16851** – 5 Gallon  
**16101** – 10 Gallon



**6019  
Back-Support  
Belts**  
with break-a-way  
suspenders.  
Sizes SML - XXXL



**Gatorade Thirst Quencher**  
21 oz. pkg. (yields 2 1/2 gals.) 32 pkg/cse.  
8.5 oz. pkg. (yields 1 gal.) 40 pkg/cse.  
Flavors: Lemon-Lime, Orange, Fruit Punch,  
Riptide Rush, Glacier Freeze.



**4.5 oz.  
Cone  
Cups**  
(200 cups  
per box)



**53655  
"Cutter  
Outdoorsman"  
Insect  
Repellent Spray**  
6 oz. can



**61011  
"Bee  
Bopper II"  
Wasp and  
Hornet  
Spray**  
14 oz. can



**61101  
"HALT"  
Dog  
Repellent**  
1 1/2 oz. can

# Fall Protection



**DBI/SALA** offers the widest selection of **Lanyard** in the industry including rope type, web, cable, and shock absorbing type. Shock absorbing Lanyards meet or exceed ANSI 2359.1-1992 ANSI A10.14-1991 and OSHA requirements. Rope, web, and cable type Lanyards meet or exceed ANSI A10.14-1991.



## AA7050A Compliance In A Can - Roofer's Kit

Includes: Roof Anchor, Bracket, Screws, 6' Galvanized Wire with Ring, Full Body Harness Lanyards.



## 3101001 8' Self-retracting Lanyard. 1" Nylon webbing. Quick-connection handle. Self-locking swivel snap hook with impact indicator. Weight 3 lbs.



## 6493600 Economy Standard Full- Body Harness with Back "D" Ring.



## LS-58 Rope Grab 5/8"

Automatically follows the user for hands-free operation. (Does not include rope.)



## 1103270 Cross-Over Style Full Body Harness - Front "D" Ring provides added versatility.



## 8300030 Rescue And Retrieval System

Unit includes 7' tripod and salalift winch with 60' galvanized cable. Unit also available with 9' tripod and 120' winch. (Order Harness Separately).



**THIS LISTING IS JUST A SMALL EXAMPLE OF PRODUCTS  
AVAILABLE FROM CESCO.  
PLEASE CALL FOR ANY SPECIALTY NEEDS.**

**Cable Systems**  
offer fall protection  
when climbing fixed  
ladders. Systems are  
available for straight  
or curved runs.

## Fire Protection



### BADGER FIRE EXTINGUISHERS

* B250M	2 1/2#	ABC Fire Extinguisher	1A-10B:C	U/L Rating
* B5M	5#	ABC Fire Extinguisher	3A-40B:C	U/L Rating
B10M	10#	ABC Fire Extinguisher	4A-80B:C	U/L Rating
B20M	20#	ABC Fire Extinguisher	20A-120B:C	U/L Rating

All Models have Brass Valves & Stainless Steel Handles

\*Includes US Coast Guard Approved Vehicle Bracket

5BV	5#	CO <sub>2</sub> Fire Extinguisher	5 B:C	U/L Rating
B10V	10#	CO <sub>2</sub> Fire Extinguisher	10 B:C	U/L Rating
B15V	15#	CO <sub>2</sub> Fire Extinguisher	10 B:C	U/L Rating
B20V	20#	CO <sub>2</sub> Fire Extinguisher	10 B:C	U/L Rating

\*\*Also Available in Wheeled Units

**Other Models & Sizes available.**

### JUSTRITE METAL SAFETY CANS

PART#	CAPACITY	DESCRIPTION
10301	1-Gallon	Type I Safety Can
10501	2-Gallon	Type I Safety Can
10555	2 1/2-Gallon	Type I Safety Can
10801	5-Gallon	Type I Safety Can



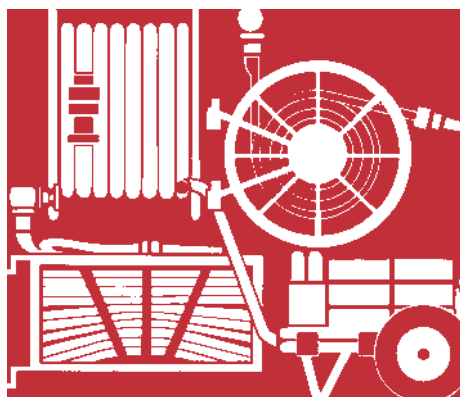
### JUSTRITE STORAGE CABINETS

PART#	CAPACITY	DESCRIPTION
25300	30-Gallon	2-Door Safety Storage Cabinet
25450	45-Gallon	2-Door Safety Storage Cabinet
25600	60-Gallon	2-Door Safety Storage Cabinet

\*\*Other Configurations and Models Available, Including Specialty Type Cabinets and/or Safety Cans.

### HYDRANT WRENCHES

Adjustable Combination Hydrant wrenches. Malleable iron head and 7/8" steel handle. For pentagon hydrant nuts up to 1 1/4" from point to flat. Also notched to fit 1 1/4" square hydrant nut.



### FIRE HOSE, COUPLINGS & FOAM

Industrial, Municipal and Forestry Fire Hose and Couplings by Flexline

### HOSE-HANDLING EQUIPMENT, CARTS & METAL SPECIALTIES

Wirt & Knox Swing Wall Racks, Hump Racks, Pin Racks, Saddle Racks and Continuous Flow Racks for Fire Hose

### ALL TYPES:

Valves, Couplings, Hose Nozzles, Adapters and Reducers for Fire Fighting Apparatuses by Moon America.





# Gas Detection Instrumentation



**MICRO IV**

## MICRO IV

The MICRO IV is the state of the art derivative of the well known single gas detector MICRO III.

- Bright optical alarm and loud horn (95 dB)
- Recording event data, TWA and STEL values in data logger
- Infrared interface for data transfer to the docking station
- Quick calibration and function test by docking station
- Up to 6 months continuous operation (24 h/day) with one AA-battery
- For toxic gases, oxygen and hydrogen



**G450 MULTI-GAS DETECTOR**

## G450 MULTI-GAS DETECTOR

G450 is a compact and lightweight 4-gas detector that continuously measures CO, H<sub>2</sub>S, O<sub>2</sub> and combustibles in ambient air.

- Compact and robust 1-to-4 sensor design
- Interchangeable battery packs for up to 25 hours of continuous operation
- Full 3-year warranty on all sensors
- Highly water resistant (IP 67)
- Optional motorized pump operates in diffusion or sample-draw mode



**DS400 THE ULTIMATE DOCKING STATION FOR INSTRUMENT MAINTENANCE**

## DS400 THE ULTIMATE DOCKING STATION FOR INSTRUMENT MAINTENANCE

- Fully automatic functional bump test and calibration
- Automatic testing of alarms
- Automatic charging
- Automatic record keeping
- Simple pass / fail indication
- Up to 2,000,000 records in memory
- Cascade multiple docking stations
- Print official calibration certificates



**G300 LEAK DETECTOR**

## G300 LEAK DETECTOR

Reliable detection of smallest gas leakages- for combustible or toxic gases.

- Accurate detection of gas leakages
- Easy handling
- Accessory for "sniffing" in places that are difficult to reach
- Acoustic trend recognition
- Leak detection even in gaseous atmosphere
- For combustible gases and ammonia



**CGMII 900 SERIES MULTI-GAS MONITOR WITH TOXALERT**

## CGMII 900 SERIES MULTI-GAS MONITOR WITH TOXALERT

The CGM combines smart sensor technology with advanced electronics for a truly superior confined space instrument. The ground breaking ToxAlert sensor ensures you superior protection from hundreds of unknown toxic gases, and the AutoCal feature simplifies and reduces the time required for calibration.



**RAM 50 SERIES RESPIRATORY AIR MONITORS**

## RAM 50 SERIES RESPIRATORY AIR MONITORS

Continuously Monitors Your Breathing Air.

Designed to meet OSHA requirements for the monitoring of Grade D respirable air from oil lubricated compressors, this versatile instrument, with years of proven performance, can be used for a wide range of applications.

## Signs, Lights & Miscellaneous



### TRAFFIC CONES

PART #	DESCRIPTION
TC-18DW	18" Traffic Cone with 6" Reflective Collar
TC-28DW	28" Traffic Cone with 4" & 6" Reflective Collar
TC-36DW	36" Traffic Cone with 4" & 6" Reflective Collar

Above cones also available without reflective collars



### BARRICADE TAPE

3" x 1000' Poly  
Barricade tape.  
Most standard  
legends.



### BARRICADES

FFSE Type I Plastic  
Barricades  
24" Wide x 42" High  
Meets Mutcd Specifications.



### SORBENTS

**15" x 19" x 3/8"** Oil Sorbent Pads (100/bag)  
**3/8" x 30" x 150'** Oil Sorbent Rolls  
**8" x 10'** Oil Sorbent Booms (4/bag)  
 Other sorbents for specific application also available.



### PADLOCKS AND LOCKOUT HASPS

Padlocks and lockout hasps to help comply with all your lockout needs. Locks available color-coded and keyed to your specifications. All types of padlocks available to meet any security need.



### FLASHLIGHTS

PART #	DESCRIPTION
F10X	<b>2-Cell Permissible Flashlight.</b> CSA & UL Listed, Class I, Group C & D, Glass 2, Group G
XP-162	<b>Explosion Proof 100 Watt Light,</b> UL Listed, Class I, Div. 1, Group C & D, watertight. Can be used with 110, 220, or low voltage. U.S. Government approved, CSA Certified, available with or without power cord and plug.



### SIGNAGE

Signage for all your compliance needs.



**DUCT TAPE**  
2 inch x 60 yards



### MESH ROLL-UP SIGNS AND STANDS

Signs available in 36" x 36" or 48" x 48" sizes. Standard or reflective material and a variety of stand models.

### ALUMINUM LOCKOUT



Aluminum lockouts provide safe, proven protection for all types of control units and levers: electric, gas, water, steam, acid and pneumatic. Their unique padlock design prevents operation until all locks are removed. In case of an emergency, you can forcibly remove them in seconds.

### XP1530

Comes standard with a 300 watt, 120 volt flood lamp. Ideal for use in outdoor locations or large tanks. Available with tripod stand.  
– Explosion Proof –



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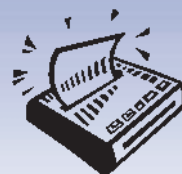
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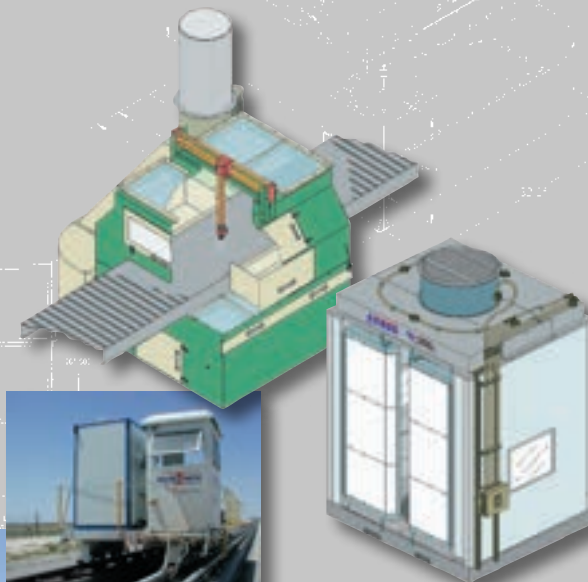
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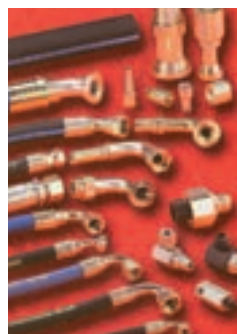
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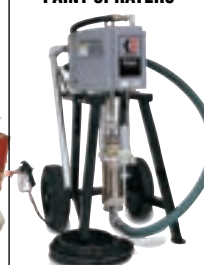
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