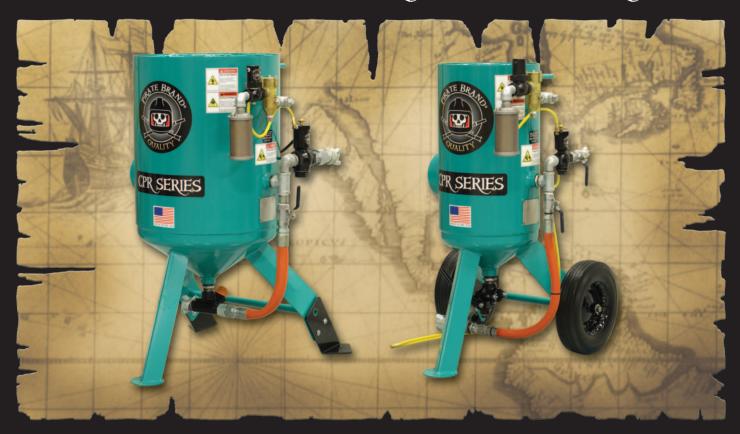


PIRATE BRAND® C-SERIES

3.0 / 6.0 CU FT - ABRASIVE BLASTERS



Proudly Distributed By:

THE GREEN MACHINE

PRODUCT LINE BROCHURE

HOW CPR SYSTEMS WORK

3.0 / 6.0 CU. FT. SIZES

(PRESSURE RELEASE)

ADDING ABRASIVE

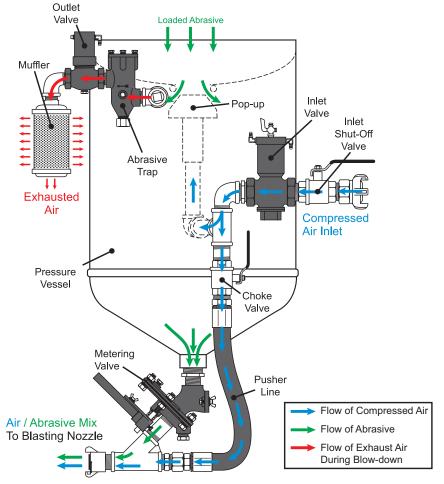
Abrasive is added through the hole in the top of the Abrasive Blaster where the Pop-up and its seat are located. When abrasive is added, it flows down through the hole, around the Pop-up, and down to the bottom of the pressure vessel where it will exit through the Metering Valve when blasting is started.

PRESSURIZATION

When a compressed air source (such as an aircompressor) is connected to the inlet of the Abrasive Blaster and the Inlet Shut-Off Valve is opened. compressed air flows to the Inlet Valve where it is stopped. When the control handle is activated, the Inlet Valve opens and air flows into the Pressure Vessel causing the Pop-up (located internally) to seal against its seat. Simultaneously, the Outlet Valve closes sealing the Pressure Vessel allowing it to hold pressure. Air will also continue past the Choke Valve, through the Pusher Line, and finally to the "Y" under the Metering Valve where it is mixed with abrasive. The mixture of compressed air and abrasive will now exit the Abrasive Blaster through a blast hose and nozzle connected to the coupling under the Metering Valve and blasting begins. It is important to note that, some abrasive will collect at the base of the Metering Valve causing the blast hose to pulsate and spray abrasive erratically for a short time while pressure builds up in the pressure vessel. This is normal and will not hurt the Abrasive Blaster.

DEPRESSURIZATION (BLOW-DOWN)

When the control handle is released in a pressure release (CPR) system, the Inlet Valve automatically closes stopping the flow of compressed air into the Pressure Vessel. Simultaneously, the Outlet Valve opens allowing the compressed air in the pressure vessel to exit the Abrasive Blaster through the Abrasive Trap, past the Outlet Valve, and finally through the Muffler. When all the pressure in the Pressure Vessel is released, blasting



CU FT

Portable & Stationary Abrasive Blasters

Available with:

Pneumatic Controls Electric Controls AMVII Metering Valve MPV Metering Valve

PR SERIES CU FT

Portable & Stationary Abrasive Blasters

Available with:

Pneumatic Controls Electric Controls AMVII Metering Valve MPV Metering Valve





AMVII Features & Benefits:

- ► Stainless Steel Metering Plate
- ► Robust Iron Housing
- ► THIS ONE WORKS WITH STEEL GRIT
- ► Nylon Wiper Seals On Both Sides Of Metering Plate (Prevents Abrasive From Entering Housing And Causing
- ► Large Clean-Out/Inspection Port & Drain Port Are Provided For Greatly Improved Servicing & Maintenance
- ► Purge Port Allows A Compressed Air Supply To Be Connected To Assist In Flushing Out Any Blockages Through The Drain Port
- ► Improved Handle Design HEAVY DUTY
- ► Improved Sealing Of The Metering Plate Stem Using A Combination Of Lip Seals And O-Rings

STEEL POP-UP

Pop-Up Redesign Includes:

- ► Steel Construction
- ► Activates with as little as 25 PSI



Abrasive Trap II Features & Benefits:

- ► Heavy Duty Cast Iron Housing
- ► Upper and **NEW** Lower Screen Gaskets
- ► Centrifugal Media Separation
- ▶ 25% Less Parts Than Traditional **Designed Abrasive Traps**

BLASTING PACKAGES

Get Blasting Quickly With Pirate Brand® Blasting Packages.

Pirate Brand® offers 4 convenient blasting packages that are designed to give you what you need to get started blasting. Each package is available in 3.0 or 6.0 cu. ft. sizes, and with the AMVII™ or MPV Metering Valve.

BASE

Includes Pneumatic C-Series Blaster, Twinline Pneumatic Control Hose & Pneumatic Remote Control Handle.

BRONZE

Includes Base Package + Blast Hose & Nozzle.

Includes Bronze Package + Blast Suit, **Luxury Double Palmed Gloves & Nova** 2000 Respirator Package.

Includes Silver Package + 2 Air Hose Assemblies to connect Blaster and Respirator to your Air Supply.

Metering Valve Option

AMVIITM

From the Pirate **Brand X-Treme Duty** Series, this valve stands up to the toughest

conditions, see pg 2 for complete details.



MPV (Manual Plunger Valve)

A simple and time-tested design. The MPV's main advantage is how easy it is to perform routine maintenance and repairs n the field.



CPR PACKAGES - AMVII METERING VALVE



BASE BLASTING PACKAGE

PORTABLE ABRASIVE BLASTER, 150 PSI (10.3 BAR), PRESSURE RELEASE SYS, PNEUMATIC, INCL: **AMVII METERING VALVE**, 50' TWINLINE ASSY & CONTROL HANDLE

PART NUMBERS

3.0 - 101-1780-A 6.0 - 101-1870-A

BRONZE BLASTING PACKAGE

PORTABLE ABRASIVE BLASTER, 150 PSI (10.3 BAR), PRESSURE RELEASE SYS, PNEUMATIC, INCL: AMVII METERING VALVE, 50'TWINLINE ASSY, CONTROL HANDLE & BLAST HOSE W/NOZZLE

PART NUMBERS

3.0 - 101-1780-B 6.0 - 101-1870-B

SILVER BLASTING PACKAGE

PORTABLE ABRASIVE BLASTER, 150 PSI (10.3 BAR), PRESSURE RELEASE SYS, PNEUMATIC, INCL: AMVII METERING VALVE, 50' TWINLINE ASSY, CONTROL HANDLE, BLAST HOSE W/NOZZLE, BLAST SUIT, LUXURY DOUBLE PALMED GLOVES & NOVA 2000 RESPIRATOR PACKAGE

PART NUMBERS

3.0 - 101-1780-C

6.0 - 101-1870-C

PART NUMBERS

3.0 - 101-1780-D

6.0 - 101-1870-D

GOLD BLASTING PACKAGE

PORTABLE ABRASIVE BLASTER, 150 PSI (10.3 BAR), PRESSURE RELEASE SYS, PNEUMATIC, INCL: AMVII METERING VALVE, 50' TWINLINE ASSY, CONTROL HANDLE, BLAST HOSE W/NOZZLE, BLAST SUIT, LUXURY DOUBLE PALMED GLOVES & NOVA 2000 RESPIRATOR PACKAGE & (2) AIR HOSES TO CONNECT BLASTER AND RESPIRATOR TO

CPR PACKAGES - MPV METERING VALVE

BASE BLASTING PACKAGE

PORTABLE ABRASIVE BLASTER, 150 PSI (10.3 BAR), PRESSURE RELEASE SYS, PNEUMATIC, INCL: MPV METERING VALVE, 50' TWINLINE ASSY & CONTROL HANDLE

PART NUMBERS

3.0 - 101-1780-MPV-A

6.0 - 101-1870-MPV-A

BRONZE BLASTING PACKAGE

PORTABLE ABRASIVE BLASTER, 150 PSI (10.3 BAR), PRESSURE RELEASE SYS, PNEUMATIC, INCL: MPV METERING VALVE, 50' TWINLINE ASSY, CONTROL HANDLE & BLAST HOSE W/NOZZLE

PART NUMBERS

3.0 - 101-1780-MPV-B

6.0 - 101-1870-MPV-B



SILVER BLASTING PACKAGE

PORTABLE ABRASIVE BLASTER, 150 PSI (10.3 BAR), PRESSURE RELEASE SYS, PNEUMATIC, INCL: MPV METERING VALVE, 50' TWINLINE ASSY, CONTROL HANDLE, BLAST HOSE W/NOZZLE, BLAST SUIT, LUXURY DOUBLE PALMED GLOVES & NOVA 2000 RESPIRATOR PACKAGE

PART NUMBERS

3.0 - 101-1780-MPV-C

6.0 - 101-1870-MPV-C



GOLD BLASTING PACKAGE

PORTABLE ABRASIVE BLASTER, 150 PSI (10.3 BAR), PRESSURE RELEASE SYS, PNEUMATIC, INCL: MPV METERING VALVE, 50' TWINLINE ASSY, CONTROL HANDLE, BLAST HOSE W/NOZZLE, BLAST SUIT, LUXURY DOUBLE PALMED GLOVES & NOVA 2000 RESPIRATOR PACKAGE & (2) AIR HOSES TO CONNECT BLASTER AND RESPIRATOR TO AIR SOURCE

PART NUMBERS

3.0 - 101-1780-MPV-D

6.0 - 101-1870-MPV-D

ELECTRIC CONTROLS

Perfect for long hose runs and cold temperatures.

Pirate Brand® CPR blasters with 12VDC electric remote control systems are a must when you are running more than 100' of blast hose or in subfreezing temperatures. The electric system reduces the start up and stopping time when using long blast hose runs and are far less likely to freeze up in cold environments. Power supplies are available for when 120VAC power is required.

Metering Valve Option

From the Pirate **Brand X-Treme Duty** Series, this valve stands up to the toughest



conditions, see pg 2 for complete details.



MPV (Manual Plunger Valve)

A simple and time-tested design. The MPV's main advantage is how easy it is to perform routine maintenance and repairs n the field.



CPR ELECTRIC PORTABLES - AMVII METERING VALVE



12YDC ELECTRIC CONTROLS W/AMYII

PORTABLE ABRASIVE BLASTER, 150 PSI (10.3 BAR), PRESSURE RELEASE SYS, ELECTRIC 12VDC, INCL: AMVII METERING VALVE, 55' CONTROL CORD & CONTROL HANDLE

PART NUMBERS

3.0 - 101-1780-A-EDC

6.0 - 101-1870-A-EDC

CPR ELECTRIC PORTABLES - MPV METERING VALVE



12YDC ELECTRIC CONTROLS W/MPY

PORTABLE ABRASIVE BLASTER, 150 PSI (10.3 BAR), PRESSURE RELEASE SYS, ELECTRIC 12VDC, INCL: MPV METERING VALVE, 55' CONTROL CORD & CONTROL HANDLE

PART NUMBERS

3.0 - 101-1780-MPV-A-EDC

6.0 - 101-1870-MPV-A-EDC





Pirate Brand® Stationary CPR blasters are designed for your blast room or other applications where you want to secure your blast pot in a fixed position. Stationary CPR blasters are available in the 3.0 & 6.0 cu. ft. sizes and can be equipped with the **AMVII or the MPV metering** valve. All stationary CPR blasters come equipped with a 4" umbrella over the pop-up to eliminate excessive weight on the pop-up when using hopper fed abrasives.



Metering Valve Option

AMVII

From the Pirate **Brand X-Treme Duty** Series, this valve stands up to the toughest





MPV (Manual Plunger Valve

A simple and time-tested design. The MPV's main advantage is how easy it is to perform routine maintenance and repairs in the field.

CPR STATIONARY BLASTERS - AMVII METERING VALVE



PNEUMATIC CONTROLS W/AMYII

STATIONARY ABRASIVE BLASTER, 150 PSI (10.3 BAR), PRESSURE RELEASE SYS, PNEUMATIC, INCL: AMVII METERING VALVE, 4" UMBRELLA, 50' TWINLINE ASSY & CONTROL HANDLE



12VDC ELECTRIC CONTROLS W/AMVI

STATIONARY ABRASIVE BLASTER, 150 PSI (10.3 BAR), PRESSURE RELEASE SYS, ELECTRIC 12VDC, INCL: AMVII METERING VALVE, 4" UMBRELLA, 55' CONTROL CORD & CONTROL HANDLE

PART NUMBERS

3.0 - 121-0630 6.0 - 121-0730

PART NUMBERS

3.0 - 121-0630-EDC

6.0 - 121-0730-EDC

CPR STATIONARY BLASTERS - MPV METERING VALVE



PNEUMATIC CONTROLS W/MPV

STATIONARY ABRASIVE BLASTER, 150 PSI (10.3 BAR), PRESSURE RELEASE SYS, PNEUMATIC, INCL: MPV METERING VALVE, 4" UMBRELLA, 50' TWINLINE ASSY & CONTROL HANDLE



12YDC ELECTRIC CONTROLS W/MPY

STATIONARY ABRASIVE BLASTER, 150 PSI (10.3 BAR), PRESSURE RELEASE SYS, ELECTRIC 12VDC, INCL: MPV METERING VALVE, 4" UMBRELLA, 55' CONTROL CORD & CONTROL

PART NUMBERS

3.0 - 121-0630-MPV

6.0 - 121-0730-MPV

PART NUMBERS

3.0 - 121-0630-MPV-EDC

6.0 - 121-0730-MPV-EDC

AVAILABLE ACCESSORIES

BLASTING SET-UP

LIDS AND SCREENS

DS ARE IMPORTANT FOR KEEPING MOISTURE FROM ALLING INTO THE ABRASIVE BLASTER IN OUTDOOR PLICATIONS, MOISTURE IN THE ABRASIVE BLASTER CAN AUSE OBSTRUCTIONS IN THE METERING VALVE LEADING

REENS ARE IMPORTANT FOR KEEPING FOREIGN OBJECT CREENS ARE IMPORTANT FOR KEEPING FOREIGN OBJECTS ROM FALLING INTO THE ABRASIVE BLASTER, FOREIGN BJECTS IN THE ABRASIVE BLASTER CAN CAUSE BBSTRUCTIONS IN THE METERING VALVE LEADING TO COSTLY DOWN-TIME. NOT FOR USE WITH 3.0 CU FT C-SERIES ILASTERS WITH ABRASIVE UMBRELLA OPTION INSTALLED.

102-3350	LID FOR 3.0 C-SERIES BLASTERS
103-0990	SCREEN FOR 3.0 C-SERIES BLASTERS
888-5010-060PB	LID FOR 6.0 C-SERIES BLASTERS
888-5011-060PB	SCREEN FOR 6.0 C-SERIES BLASTERS

MOISTURE SEPARATOR

IR CAN LEAD TO CLOGS AND PREMATURE WEAR ON

175-3101-30CI	MOISTURE SEPARATOR KIT FOR 3.0 C-SERIES BLASTERS
	MOISTURE SEPARATOR KIT FOR 6.0 C-SERIES BLASTERS

REGULATOR KITS

DING A REGULATOR KIT TO YOUR ABRASIVE BLASTER ILL ALLOW YOU TO BLAST AT LOWER PRESSURES TO CHIEVE CUSTOM FINISHES OR HELP CONTROL PROFILE.

888-2003-006PB-CI	C-SERIES BLASTERS
888_2003_008PR_CI	1-1/2" REGULATOR KIT FOR 6.0 C-SERIES BLASTERS
	REPAIR KIT FOR 1", 1-1/4" & 1-1/2" REGULATORS

JOB TIMER

EP TRACK OF TIME SPENT ON A JOB AND TOTAL HOURS. VIOUR ABASSIVE BLASTER, INVOVIOUR COST, CONTRO DUR COST & SET UP A PREVENTATIVE MAINTENANCE ROGRAM FOR YOUR BLAST EQUIPMENT, FOR USE WITH C-ERIES ELECTRIC CONTROL SYSTEMS ONLY.

DUAL TIMER CONTROL BOX W/ KEY RESET & MOUNTING BRACKET

RELIEF VALVE KIT

DING THIS ASMERELIEF VALVE KIT TO YOUR BLASTER

888-2470-00704PB RELIEF VALVE KIT FOR C-SERIES BLASTERS

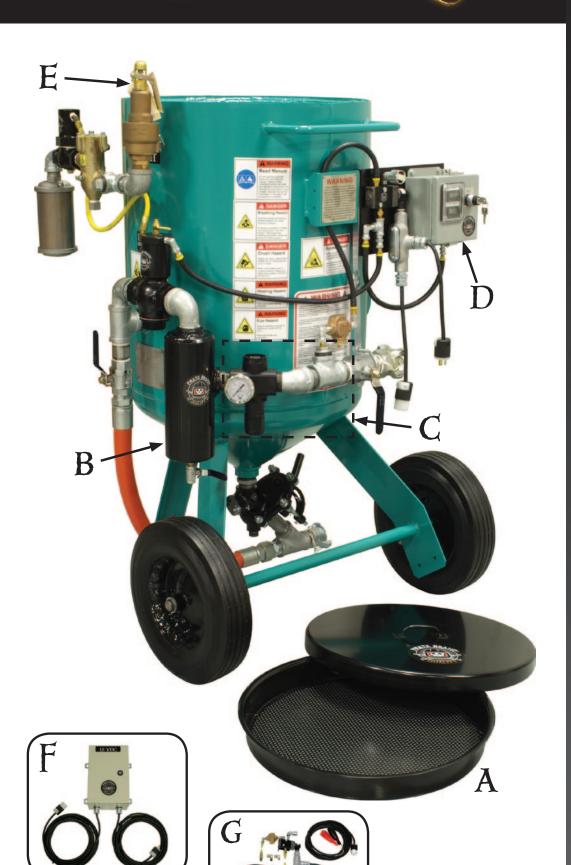
POWER SUPPLY

DD A POWER SUPPLY TO RUN ANY 12VDC ELECTRIC

ELECTRIC CONV. KIT

NVERT YOUR PNEUMATICALLY CONTROLLED C-SERIES RASIVE BLASTER TO ELECTRIC. ELECTRIC REMOTE ONTROLS ARE RECOMMENDED IF YOU RUN OVER 100 FEE BLAST HOSE OR WHEN BLASTING IN COLD WEATHER.

NEUMATIC TO ELECTRIC BRASIVE BLASTERS





BLAST HOSE, TWINLINE & CONTROL CORD

	Nozzles Not Included
10-034BLK-050-3AL	3/4" BLAST HOSE ASSEMBLY, 50', INCLUDES NOZZLE HOLDER
10-100BLK-050-3AL	1" BLAST HOSE ASSEMBLY, 50', INCLUDES NOZZLE HOLDER
10-114BLK-050-3AL	1-1/4" BLAST HOSE ASSEMBLY, 50', INCLUDES NOZZLE HOLDER
10-114BLK-050-3XAL	1-1/4" BIG GUN BLAST HOSE ASSEMBLY, 50', INCLUDES NOZZLE HOLDER
•	
10-034BLK-050-4AL	3/4" EXTENSION HOSE ASSEMBLY, 50'
10-100BLK-050-4AL	1" EXTENSION HOSE ASSEMBLY, 50'
10-114BLK-050-4AL	1-1/4" EXTENSION HOSE ASSEMBLY, 50'
10-114BLK-050-4XAL	1-1/4" BIG GUN EXTENSION HOSE
10-114BER-030-47AE	ASSEMBLY, 50'
	T
200-050	HOSE, TWINLINE CONTROL, ASSEMBLY, YEL/YEL W/BLACK STRIP, NOMINAL 3/16" ID x 50', W/UNIONS
888-7073-055PB	ELECTRICAL EXTENSION CORD W/CONNECTORS, 55', 3 PRONG, 2 WIRE
27WT-1	SAFETY CABLE, 1/2" - 1" HOSE TO EQUIP.
27WC-1	SAFETY CABLE, 1/2" - 1" HOSE TO HOSE.
27WC-15	SAFETY CABLE, 1-1/4" HOSE TO HOSE.
27WT-2	SAFETY CABLE, 1-1/4" - 3" HOSE TO EQUIP.
27WC-2	SAFETY CABLE, 1-1/2" - 3" HOSE TO



AIR HOSE		
10-034RED-050-1	3/4" AIR HOSE ASSEMBLY, 50'	
10-100RED-025-1	1" AIR HOSE ASSEMBLY, 25'	
10-100RED-050-1	1" AIR HOSE ASSEMBLY, 50'	
10-112RED-025-1	1-1/2" AIR HOSE ASSEMBLY, 25'	
10-112RED-050-1	1-1/2" AIR HOSE ASSEMBLY, 50'	
27WT-1	SAFETY CABLE, 1/2" -1" HOSE TO EQUIP.	
27WC-1	SAFETY CABLE, 1/2" - 1" HOSE TO HOSE.	
27WT-2	SAFETY CABLE, 1-1/2" - 3" HOSE TO EQUIP.	
27WC-2	SAFETY CABLE, 1-1/2" - 3" HOSE TO HOSE.	



	101110	
BREATHING EQUIPMENT		
407000-PFC	NOVA 2000™ RESPIRATOR PACKAGE	
407800-PFC	ASTRO™ RESPIRATOR PACKAGE	
407001	COOL TUBE	
407024	HOT TUBE	
•		
407200	RADEX™ CO MONITOR (120V)	
407201	RADEX™ CO MONITOR (12V)	
RESPIRATOR PACKAGES INCLUDE RESPIRATOR HELMET, 50' BREATHING AIR SUPPLY HOSE, AND RADEX™ AIRLINE FILTER.		



Nozzles		
1" ENTRY NOZZLES FOR USE WITH 3/4" BLAST HOSE		
1201-1172	#3 TUNGSTEN CARBIDE NOZZLE	
1201-1173	#4 TUNGSTEN CARBIDE NOZZLE	
·		
1" ENTRY NO	ZZLES FOR USE WITH 1" BLAST HOSE	
1201-1173	#4 TUNGSTEN CARBIDE NOZZLE	
1201-1174	#5 TUNGSTEN CARBIDE NOZZLE	
1201-1175	#6 TUNGSTEN CARBIDE NOZZLE	
1-1/4" ENTRY NO	ZZLES FOR USE WITH 1-1/4" BLAST HOSE	
1348-555	#5 TUNGSTEN CARBIDE NOZZLE	
1348-556	#6 TUNGSTEN CARBIDE NOZZLE	
1348-557	#7 TUNGSTEN CARBIDE NOZZLE	
1348-558	#8 TUNGSTEN CARBIDE NOZZLE	



l	AIR DRYERS	
	888-1310-021PB	AIR DRYER ADPB-250 CFM @ 100 PSIG OR 359 CFM @ 150 PSIG
ı	888-1310-041PB	AIR DRYER ADPB-400 CFM @ 100 PSIG OR 574 CFM @ 150 PSIG
ı	888-1310-071PB	AIR DRYER ADBP-750/950, 800 CFM @ 100 PSIG OR 1149 CFM @ 150 PSIG
ı	888-1310-121PB	AIR DRYER ADPB-1200 CFM @ 100 PSIG OR 1723 CFM @ 150 PSIG
3	888-1310-161PB	AIR DRYER ADPB-1600 CFM @ 100 PSIG OR 2297 CFM @ 150 PSIG



BLAST ;	SUITS GLOVES
122-9140	BLAST SUIT, LIGHTWEIGHT, MEDIUM
122-9150	BLAST SUIT, LIGHTWEIGHT, LARGE
122-9160	BLAST SUIT, LIGHTWEIGHT, XL
122-9170	BLAST SUIT, LIGHTWEIGHT, XXL
122-9180	BLAST SUIT, LIGHTWEIGHT, XXXL
407701	LUXURY DOUBLE PALMED LEATHER BLASTING/WELDING GLOVES

OTHER AVAILABLE PRODUCT LINES

















PIRATE BRAND®

About Pirate Brand®

At Pirate Brand®, we know abrasive blasting. We have fused our 100+ years of combined experience in the blasting industry with feedback from distributors and end-users to produce abrasive blast equipment and replacement parts that are second to none. In addition to our extensive line of blasting equipment, we produce a full line of aftermarket parts that are 100% compatible replacements for other blast equipment manufacturers. We believe in quality, reliability and productivity so we subject all our products to strict quality control testing to ensure the best possible performance is achieved.

In the tough world of abrasive blasting, quality is crucial, ...and Pirate Brand® delivers.

