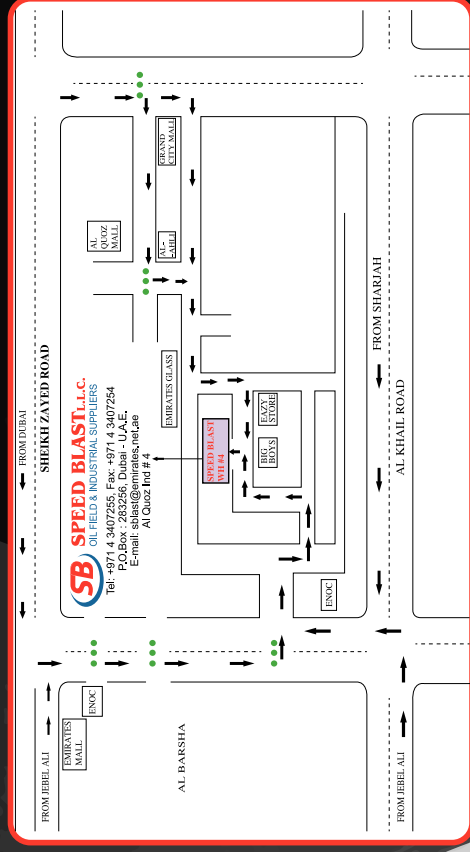


Leading Manufacturers and Suppliers of  
Surface Preparation Equipment and Abrasive



# SPEED BLAST L.L.C.



**SPEED BLAST L.L.C**

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 E-mail : sbblast@emirates.net.ae, Website: www.garnetuae.com

The Surface  
Finishing Technology  
with Excellence

Founded in 2009, Speed Blast Trading LLC, is Blasting, Coating, Painting Equipment & Related Products Manufacturer. Integrity, competitive pricing, excellent customer service are the cornerstones of our business.

Speed Blast was established in Dubai to respond quickly to booming and ever-changing demands of construction, oil & gas industry and also to provide solution for surface treatment & finishing technology in this market.

We hold our own precision investment in blasting, cooling, painting, equipment & accessories. So we can have a good control for manufacturing good quality standard. With our professional technology ability & years of manufacturing experience, we are able to constructure to meet customer special application.

Speed Blast is providing solution for surface preparation equipment. During & after paints for surface preparation industries and market leader & global source for abrasive, blasting, painting, quality control and safety equipment & supplies since 2009.

Honor, quality and satisfaction is well - established as our motto. Based on that, with honesty practice, efficiency and innovation attituded, we sincerely expect partnership from all over the world.



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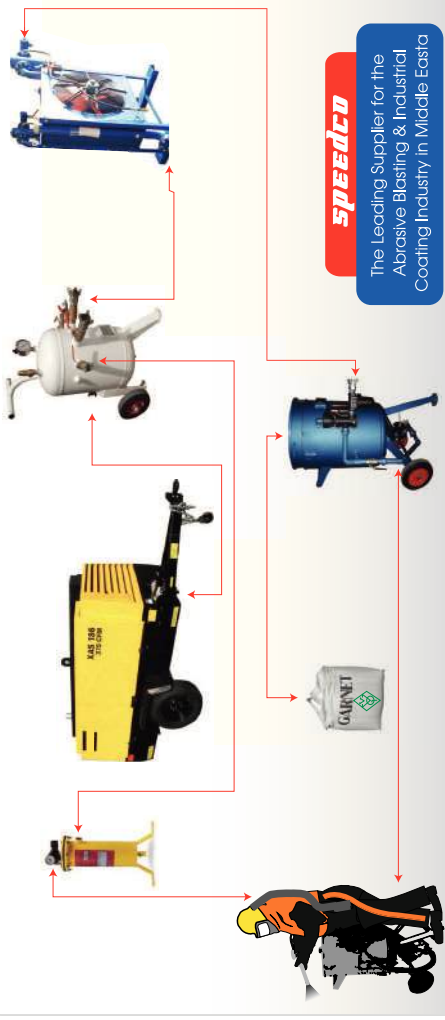
## » Blasting Machine

We offer a range of portable blasting machines able to cope with virtually all types of blasting environment. Whether on site, where the need is for maneuverability, or in a fixed environment such as a blast room, Tried and tested throughout the world the Speedco range of blast machines combines rugged efficient operation with maximum site safety.



| Model | Machine Capacity | Height (mm) | Diameter (mm) | Description                                                                                                                                                                         |
|-------|------------------|-------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SC101 | 15 Lts           | 711         | 254           | Smallest in our range, this machine is ideal for remedial work, glass etching and general maintenance. Easily transported this machine has a blast time of approx. 10-15 minutes..  |
| SC102 | 45 Lts           | 1061        | 357           | With a continuous blast time of 20/25 minutes, this machine is ideal for the small to medium contract where mobility yet high production is required.                               |
| SC103 | 100 Lts          | 1061        | 508           | This machine is designed for the medium contractor. It has a continuous blast time of 35-40 minutes.                                                                                |
| SC104 | 200 Lts          | 1346        | 610           | The largest machine of our standard range, this machine offers a continuous blast time of 45-50 minutes. Ideal for shipyards, oil refineries, gas and heavy fabrication industries. |

## ABRASIVE BLASTING OPERATION



## » BLASTING CABINET

- Designed for non-stop blasting
- Available in many standard sizes
- Pressure or suction with many factory options
- Smooth surface finish



## » FLOOR BLAST MACHINE

### Machine Dimensions

- Cleaning Width: 13"/33cm
- Travel Speed: 0-60 ft/min, 18 m/min
- Production: 2000 ft<sup>2</sup>/hr, 186 m<sup>2</sup>/hr
- Voltage: 240v / 480v 380v / 550v / 60hz 3 phase 50hz
- Power Cord: 50 ft/15 m



## » WET BLAST MACHINE

The Wet Blasting Machine operates like an abrasive blasting machine, but with the added benefit of water. This combination of water and media prevents dust, heat generation, and decreases non-productive time and provides a significantly smoother finish.



## » SODA BLAST MACHINE

- Marine hull preparation - effective for removing antifoul and cleaning underwater surfaces.
- Public Works - effective for graffiti removal and delicate surfaces such as sandstone.
- Engineering - de-painting for non destructive weld testing, cleaning of equipment/engine parts.
- Building renovation, paint removal and maintenance.
- Automotive industry - vehicle restoration and paint removal.



## » SAND BLASTING GUNS

Ideal for all tasks which involve cleaning, scraping, removing rust, paint, mold or stubborn dirt, preparing materials such as wood, steel, aluminium, plastic, etc...

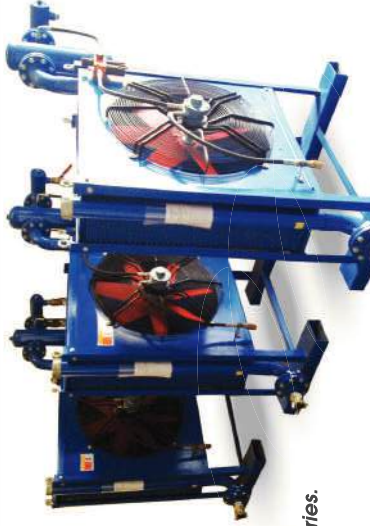


## AIR AFTER COOLER

### Applications:

- Blasting and spray painting systems
- Oil and petro-chemical industry
- Construction and Maintenance
- Special industrial equipment
- Breathing air
- Down stream of high efficiency

### Speedco Air Cooled After Cooler SC/RA Series.



| MODEL     | FLOW-RATE |         | DIMENSIONS (MM) |     |      |      |     | C.AIR FLOW<br>(Nm <sup>3</sup> /h) | CONN.  | WEIGHT<br>(Kg) |
|-----------|-----------|---------|-----------------|-----|------|------|-----|------------------------------------|--------|----------------|
|           | ( l/min ) | ( CFM ) | A               | B   | C    | D    | E   |                                    |        |                |
| SC/RA 10  | 1000      | 60      | 35              | 270 | 555  | 530  | 120 | 800                                | BSP    | 19             |
| SC/RA 20  | 2000      | 120     | 71              | 270 | 555  | 530  | 120 | 800                                | 1"     | 20             |
| SC/RA 30  | 3000      | 180     | 106             | 270 | 585  | 690  | 120 | 2980                               | 1.1/2" | 29             |
| SC/RA 40  | 4000      | 240     | 141             | 330 | 675  | 690  | 120 | 3790                               | 1.1/2" | 32             |
| SC/RA 50  | 5000      | 300     | 177             | 330 | 675  | 970  | 210 | 3790                               | 2"     | 49             |
| SC/RA 65  | 6500      | 390     | 230             | 360 | 675  | 970  | 210 | 6100                               | 2"     | 51             |
| SC/RA 80  | 8000      | 480     | 282             | 380 | 675  | 970  | 210 | 6100                               | 2"     | 53             |
| SC/RA 120 | 12000     | 720     | 424             | 655 | 675  | 980  | 210 | 8700                               | 2"     | 97             |
| SC/RA 160 | 16000     | 960     | 565             | 655 | 675  | 1265 | 265 | 8700                               | 2.1/2" | 120            |
| SC/RA 200 | 20000     | 1200    | 706             | 490 | 615  | 1600 | 360 | 11000                              | DN 80  | 240            |
| SC/RA 250 | 25000     | 1500    | 883             | 490 | 615  | 1600 | 360 | 11000                              | DN 80  | 250            |
| SC/RA 300 | 30000     | 1800    | 1059            | 490 | 945  | 1972 | 420 | 11000                              | DN 100 | 280            |
| SC/RA 400 | 40000     | 2400    | 1413            | 490 | 945  | 2202 | 420 | 17400                              | DN 100 | 300            |
| SC/RA 500 | 50000     | 3000    | 1766            | 556 | 1020 | 3245 | 445 | 21000                              | DN 125 | 310            |
| SC/RA 650 | 65000     | 3900    | 2295            | 570 | 1020 | 3245 | 445 | 21000                              | DN 125 | 390            |
| SC/RA 750 | 75000     | 4500    | 2649            | 560 | 1020 | 3326 | 524 | 21000                              | DN 150 | 390            |

## OUTLETS



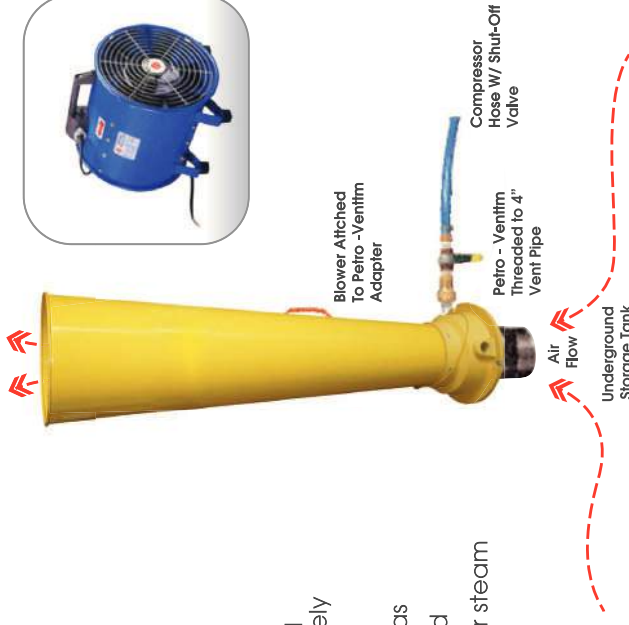
## SPECIAL APPLICATION

This blower has been designed to meet ventilation requirements for underground storage tanks. A special flange adapter has been developed to thread directly on the 4-inch vent pipe found on most storage tanks. The AVH-006 bolts directly on the compatible flange



## VENTURI BLOWER FEATURES

- Used to ventilate explosive and hazardous vapors of fumes safely
- No moving parts
- Lights weight cast aluminum bas
- Static grounding lug is standard
- Operates on compressed air or steam
- Text not Readability



## PNEUMATIC CIRCULAR JET FAN.

- 20", 24" diameter
- Text not Readability
- 11,000 cfm free air@40 - 110 psi input pressure and 60 - 290 cfm flow
- Cast aluminum housing and fan blade
- Weight : 20" - 34 kg., 24" - 74 kg.



## BLOWER HOSE AND ACCESSORIES

Vinyl polyester ventilation air duct hose  
8" diameter with vulcanized external wear strips- custom sizes available on request-duct sizes upto 36" diameter available  
Internal steel reinforced wire hoop-4" pitch  
6" long attachment cuff with adjustable belt straps on both hose ends Insulated and conductive duct available







» AIRLESS SPRAY PUMPS

Starting with the needs of the painting contractors, it's easy to see why Speedco airless spray pump is the first choice among coating professional. Over the years, Speedco has developed and designed rigid and reliable equipment to the greatest transfer efficiency, less wastage of material, faster job completion and simple designs to reduce downtime for surface preparation industries.



» Advance technology producing excellent finishes.



Air-Assisted  
Airless Spray Gun



Airless Spray Gun

- For efficient coverage of large surfaces
- Superb coverage performance
- High coating thickness in one pass
- Closed, uniform spray pattern
- Explosion-proof due to pneumatic operation
- Minimal solvent use

| Fluide Pressure Ratio        | 30:1                | 45:1                    | 56:1                    | 68:1                      |
|------------------------------|---------------------|-------------------------|-------------------------|---------------------------|
| Delivery                     | 1(4) gpm(Liter/min) | 3.98(15) gpm(Liter/min) | 3.43(13) gpm(Liter/min) | 2.86(10.80)gpm(Liter/min) |
| Maximum Pump Speed           | 60cycle/min         | 60cycle/min             | 60cycle/min             | 60cycle/min               |
| Air Motor Effective Diameter | 1 1/4(108) inch(mm) | 10(254) inch(mm)        | 10(254) inch(mm)        | 10(254) inch(mm)          |
| Stroke                       | 102mm               | 120mm                   | 120mm                   | 120mm                     |
| Maximum Air Inlet Pressure   | 100(7) psi(bar)     | 100(7) psi(bar)         | 100(7) psi(bar)         | 100(7) psi(bar)           |
| Maximum Outlet Pressure      | 3000(210) psi(bar)  | 4500(310) psi(bar)      | 5600(386) psi(bar)      | 6800(469) psi(bar)        |
| Air Inlet Size               | 1/2"(PT)*           | 3/4"(PT)*               | 3/4"(PT)*               | 3/4"(PT)*                 |
| Fluid Inlet Size             | 3/4"(PT)            | 1"(PT)                  | 1"(PT)*                 | 1"(PT)*                   |

» INTERNAL PIPE BLASTING TOOLS



» Internal Pipe Cleaning Tool.  
For pipe up to 36" I.D.

Internal Pipe Cleaning Tool .For pipe up to 36" I.D.

Hollo - Blast Jr. 3/4" - 2" (19 mm - 50 mm)

Hollo - Blast. 2" - 12" (50 mm - 300 mm)

Roto Blast. 8" - 36" (200 mm - 900 mm)



» CoverCat - High capacity PFP application Machine

CoverCat produces the largest 450 series units for application of high volumes of PFP materials in the largest of fabrication facilities

The system uses 3 phase electrical power at 220V or 400/440V ( to be specified),  
Hose lengths to 60 meters plus remote mix manifold

» Spray Roller

On rough, porous surfaces like stucco and concrete block many contractors apply the coating with a sprayer and then back-roll it into the surface. It can be messy (lots of overspray) and time consuming (two workers). Now imagine what it would be like to spray AND roll at the same time . You save time and make money.



- Ideal for very porous and rough surfaces
- Spray on the down stroke and roll on the upstroke
- Save both time and money

» INTERNAL PIPE COATING TOOLS

Internal pipe coater-I  
'Hollow Cone'  
spray pattern for pipes  
2" - 6" I.D. ( 50 mm - 150 mm)

Internal pipe coater II  
6" - 12" I.D. ( 150 mm - 300 mm)

Internal pipe coater III  
8" - 36" I.D. ( 200 mm- 900 mm)



The Speed Blast Internal Pipe Coater- II & III are designed to coat the inside of pipes quickly and evenly without the need to rotate the item. Both machines comfortably handle most long life heavy duty protective paint coating systems. Either unit simply couples to a suitable airless spray machine of minimum 45:1 ratio. In operation a rotating head, powered by an air motor throws paint by centrifugal force at an evenly metered flow against the surface. Pipe coater is manually pulled through the pipe at a pre-determined speed based on paint film thickness and type of coating.

We offers a variety of Inspection Tools and Instruments for Quality Control. Our partners specialize in the design and manufacture of a complete range of instrumentation and test methods for coating process control.



## Concrete Covermeters

This easy to use gauge not only quickly and accurately identifies the location, orientation, depth and diameter of both high tensile steel and stainless steel rebar within concrete, but also the potential for corrosion.



## MATERIAL THICKNESS GAUGE

- SURFACE PROFILE
- SURFACE CLEANLINESS
- CLIMATIC CONDITIONS
- COATING THICKNESS
- ADHESION TESTER
- PINHOLE & POROSITY
- WELDING GAUGE



## Elcometer 127 Keane-Tator Surface Comparators & Magnifier



The Elcometer 127 range of Surface Comparators are available in sand, shot or grit surface profiles. Each comparator is supplied with 5 profile grades ranging from 0.5 - 5.5mils. Designed for use with the Elcometer 127 illuminated magnifier, each comparator has a hole in the centre allowing for clear visual comparisons to be made.

- 5 Roughness Values per Comparator

## Elcometer 122 Testex Tape

Elcometer 122 Testex Tape consists of foam with a non-compressible backing. The foam side is rubbed into the surface providing a permanent mould of the peak-to-valley profile, which can then be measured using the Elcometer 124 Thickness Gauge. Elcometer 122 Testex Tape is available in three profile ranges. It is important that the tape grade chosen is reflective of the profile being measured, as using tape grade below the actual value may provide a "false" reading. There are 50 tests in each roll.



## Elcometer 123 Surface Profile Gauge

This easy to use gauge measures the peak-to-valley height of a blast cleaned surface. The average of a series of measurements provides an indication of the surface roughness and allows the surfaces to be compared as blasting proceeds.

- Metric and Imperial versions



## Elcometer 124 Thickness Gauge

The Elcometer 124 Thickness Gauge is used to measure the peak-to-valley height of a surface profile moulded in the Elcometer 122 Testex Replica Tape. Available in both Metric and Imperial versions. Quick and easy to use. Anvil pressure as required in the Standards.



## Elcometer 116 Whirling & Sling Hygrometers

These instruments are designed to determine the dewpoint and relative humidity at any given time. The Elcometer 116A Whirling Hygrometer is available in Celsius scale. A guide for Relative Humidity (RH) determination is supplied with each instrument and the dewpoint can accurately be obtained using the Elcometer 114 Dewpoint Calculator. The Elcometer 116C Sling Hygrometer, shown as the black unit in the photograph, is a convenient, self contained instrument with an inbuilt slide rule for the calculation of %RH and dewpoint. It has spirit filled thermometers and is available in °C or °F scales. Manual operation, no power supply required. Spirit filled thermometers



## Elcometer 223 Digital Surface Profile Gauge

A Digital Surface Profile Gauge which measures the peak-to-valley height of a surface in a similar way to the Elcometer 224. RS232 output - for direct transfer of readings to a PC, datalogger, miniprinter etc. This provides a permanent record of your test results as there is no memory in the gauge.

- Metric and Imperial switchable.







## Spectrum Full Facepiece

Available as a continuous flow or pressure demand respirator. Can be equipped with an escape cylinder



## FAMB Half-Mask

Continuous flow respirator that accommodates low pressure air sources can be worn with faceshields, visors, welding helmets and hard hats

## Supplied Air Respirators



**88VX Series Abrasive Blasting Helmet**  
Full head, neck and torso protection. Superior protection for abrasive blasters and painters.



**GR50 Series Nomex Painting Hood**  
Lightweight and fully protective outer hood and inner flame retardant protective barrier.



**CC20 Series Hoods**  
Appropriate for painting, chemical handling, healthcare and pharmaceutical applications.

Rpb offers totally configured work systems for use in a wide variety of applications - from painting and abrasive blasting to pharmaceutical and chemical manufacturing. Everything you need for effective respiratory protection is provided in one complete package.

## Powered Air-Purifying Respirator

The PA30IS helps provide respiratory protection to workers in many potentially explosive atmospheres. Vapors from organic solvents and high dust concentrations can be triggered from a spark by equipment. The intrinsically safe PA30IS Powered Air-Purifying Respirator is designed exactly for these types of environments.

## Highlights

- NIOSH approved for HE, OVAGHE and NBC
- Seven-hour battery run time
- Low battery alarm alerts wearer before protection is lost
- No battery cable that can be unplugged accidentally

## Applications

Painting and Coatings Operations  
Pharmaceutical Manufacturing

We have lists of abrasives are exceptional in quality and performance. They are imported measured and particularly for the best quality to provide our valued customers. We can professionally supply abrasives like garnet, steel shot, steel grit etc. to suit your every abrasive blasting application.



## COPPER SLAG



## STEEL SHOT



## STEEL GRIT



| GRADE   | SIZE RANGE (MM) |
|---------|-----------------|
| TURBO + | 0.1 - 0.5       |
| TURBO   | 0.2 - 1.0       |
| STD     | 0.2 - 1.4       |
| STD +   | 0.5 - 1.4       |
| HD      | 0.2 - 2.4       |
| HD+     | 0.5 - 2.5       |

Superior Quality Abrasives  
Environment - friendly,  
cost-effective and reusable.

## ALUMINIUM OXIDE



| GRIT NO | MICRON |
|---------|--------|
| 20      | 1180   |
| 40      | 600    |
| 60      | 300    |
| 80      | 212    |
| 100     | 150    |
| 220     | 75     |

## GARNET



| Size Range Mesh Astm | Size in mm    |
|----------------------|---------------|
| 30/60                | 0.250 - 0.600 |
| 20/60                | 0.250 - 0.850 |
| 20/40                | 0.420 - 0.850 |
| 12/24                | 1.710 - 1.400 |
| #80                  | 0.300         |

## GLASS BEADS



| Grain Classes available |
|-------------------------|
| 420 - 840 µm            |
| 420 - 590 µm            |
| 250 - 420 µm            |
| 180 - 300 µm            |
| 150 - 250 µm            |
| 105 - 210 µm            |
| 75 - 150 µm             |
| 70 - 110 µm             |
| 50 - 105 µm             |
| 40 - 80 µm              |



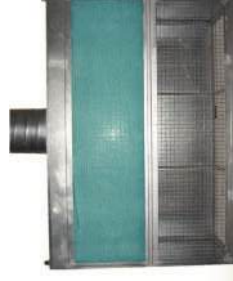


## Standard Specification:

- 230/460 volt
- Require 20 CFM @100 psi
- Output /hr - 3000 / 5000 kg
- Includes bucket elevator, rotary screen, air wash separator, and vibratory screen.
- External Ducting
- Fully adjustable suction capacity and fines extraction.

Specially designed compact recycling system for the efficient cleaning and reprocessing of used garnet.

Garnet Recycling Systems give you the ability to use your Garnet Abrasive over and over again for maximum cost savings. Abrasive consumption as low as 1.6kg Garnet per m2, recycling allows for greatly reduced abrasive purchases and reduced transport, handling and disposal costs. The Garnet Recycling System can be accurately adjusted to achieve the optimum particle size balance for any particular blasting requirement. Recycling is done in a dry process. Wet or damp Garnet must be dried prior to reprocessing. Compact designed custom built recycling system to suit your needs. Contact us for further details.



## Speedco

Spray booths represent an attractive offer and ensure a profitable investment. They have been designed to meet the following demands:

Technological – dust-free operation, paint overspray collection system, stabilized spraying temperature, elevated drying temperature.

Production efficiency- atmospheric-independent operation, elevated temperature in the drying phase.

Safety and hygiene of work- fire safety, efficient ventilation allowing the operator to use no individual respiratory protection equipment.

Economical –recirculation of warm air in the drying phase.

Environmental protection –efficient dust collection ,low solvent vapor concentration, low air pollutant emission.



Dual Cartridge  
Half Mask



3M

Half Mask, Single  
Cartridge



3M

Full Face Mask  
Dual Cartridge



3M

Full Face Mask  
Single Cartridge



3M

Ear Plugs



3M

Dust Mask



3M

Mini Spray  
Stands



Air Line Filter



Face Shield



Goggles



Canisters



Y Connector



Shoe Cover



Gun Repair Kit



Sock Hood



Painting Helmets





## PAINTING ACCESSORIES

Tip Guard



Agitator - Pneumatic



Switch Tip



Gun Filter



Airless Gun



Liquid Shield



Mesh Filter



TSL Oil



Paint Hose



Presser Pot



Swivel



Paint Roller



Suction Filter



Gun Extension



Cone Spray Tip



Paint Eater



## ACCESSORIES

Magnetic Sweepers



Liquid Shield



Pressure Washer - Irm



Transfer Pump



Welding Shields



Gate Valve



Oring



Coupling



## SAFETY EQUIPMENTS

Hard Hat



Gloves



Fire Blanket



Coverall



Ear Protect



Safety Shoe



Safety Belt



Safety Jacket



Twinline Hose



Nozzle Washer



Blasting Suit



Coupling Washer



Coupling



Blast Light



Metering Valves



Remote Control



Moisture Separator



Pop Up Valve



Threaded Nipple



Blasting Nozzle



Deadman Switch



Whip Check



Air Hose Coupling



Helmet

