



Innovative Solutions
For Surface Preparation Problems



Corporate office



Ralph L. Fabian, CEO

This year marks our 59 Year Anniversary and once again, I would like to thank all of you that have contributed to making Desco Mfg. Co., Inc. the leading manufacturer of surface preparation tools and critical filtration vacuums, specializing in applications requiring dust free environments.

In 1962 Lee Hauge opened the doors as a contractor performing surface preparation work for industrial markets along the west coast. Fifteen years later, Desco began manufacturing operations by introducing two walk-behind machines designed for traffic line removal and concrete grinding, while the Descobrader was a uniquely designed machine for specialty applica-

tions removing coatings and non-skid from steel substrates on ships in the Maritime and Navy market.

Today, as an innovative solutions manufacturer, we've taken that early contracting experience to develop some of the most advanced equipment available in the market. Furthermore, with our expanded line of equipment and critical filtration vacuums, Desco can now offer complete solutions for almost any problem involving surface preparation.

"Better, Faster, and Safer" ... that is what a leading shipbuilder had to say of our innovative line of equipment that got painters off their hands and knees while doing surface preparation work. As a result of a team effort between Desco and the shipbuilder, machines were developed which reduced man hours with documented saving of more than 30%. Due to the savings and success of this project, Desco was nominated for the company's National Manufacturer of the Year Award. These machines are now being used at almost every major shipyard across the US.

Desco "equipment is not only innovative, but sturdy and reliable" ... is what project managers of nuclear power

plants are saying about Desco's line of recently developed FME equipment. Reactor Head Replacement, Condenser Boot Removal and Replacement are just a few projects where our FME equipment is being used. Due to our advancements in engineering controls and Critical Filtration Vacuums, operators are now able to perform work while avoiding foreign matter entry into critical systems of our nation's nuclear power plants.

Structural Steel Contractors, DOT's, Nuclear Facilities, Shipyards, and the U.S. Navy are just a few of the industries that have counted on Desco to provide Innovative Solutions for their surface preparation needs. As we enter our 59th year of business, Desco has renewed its commitment to continue to lead the market through such innovation by continuing to develop new products and by building upon the Quality, Service and Performance our customers have grown to expect.



Quality: At Desco we take pride in manufacturing the highest quality surface preparation equipment on the market today. All Desco tools are designed to be tough while providing superior performance and maximum productivity. To achieve this we begin by choosing only the finest raw material in the production of each of our products. Because many of our products are subjected to harsh environments, all potentially corrodible components are protected through anodization, plating and/or other forms of protective coating. Furthermore, prior to shipment, all Desco products will have undergone numerous quality check points insuring the product integrity and performance our customers have grown to expect.

Customer Service: At Desco we're committed to providing you with uncompromised service. Because we are the manufacturer, you can always count on receiving your materials when you need them. All of our products are backed by Desco field service professionals and factory trained technicians, insuring that you, the customer, are receiving full support at all times. When you purchase a Desco tool, you're not just acquiring a tool – you're receiving nearly 50 years of proven experience and support. We're there when you need us!

Innovation: We are a specialty company; let us answer your special needs. At Desco, we take pride in our ability to respond to customers with unusual problems. In fact, many of our products have been developed as a response to customers with such special needs. Some of our most recent developments include the "patent pending" Descobrader/SP 90 Weld Cleaner. This latest development provides an ergonomic and high performance way of cleaning horizontal and vertical welds at a fraction of the time typically required.

Consulting/Training: Desco has a highly trained staff to consult with you on the proper surface preparation system for your specific application. To guarantee maximum performance from Desco tools, we provide extensive training on maintenance and use of all equipment. In addition to on-site training, Desco also conducts advanced training at our facility. Training classes are held throughout the year, ranging from one day tutorials to an extensive four day program involving hands-on coating removal, coating application and tool repair.

Rapid Response: "Time is Money" and we understand the importance of having your equipment there when you need it. Because we are the manufacturer who's specialty is surface preparation equipment, we maintain the most complete line of equipment to respond to your needs. In many cases, equipment can be delivered to your job site anywhere in the U.S. within 24 hours.



Shipyards



Mini-Grinders



Needleguns & Impact Tools



Scarifiers & Rotary Peeners



Sanders



Walk Behind Scarifiers



HEPA / ULPA Vac Systems

- Advanced technology to achieve maximum productivity
- Equipment designed to meet NAVSEA and OSHA safety requirements
- Ergonomic designs to minimize vibration and operator fatigue
- Innovative solutions for process improvement

Nuclear Facilities



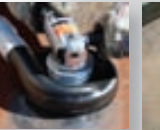
Mini-Grinders



Needleguns & Impact Tools



Scarifiers & Rotary Peeners



Sanders



Walk Behind Scarifiers



HEPA / ULPA Vac Systems



Diamond Grinders



Scabblers

- Engineering controls for complete containment and minimum operator exposure
- Beta hot spot removal solutions and other radioactive decontamination projects
- Minimized waste disposal cost through controlled substrate removal
- Test data available verifying effectiveness of engineering controls for dust containment

U.S. Navy



Mini-Grinders



Needleguns & Impact Tools



Scarifiers & Rotary Peeners



Sanders



Walk Behind Scarifiers



Padeye Vac Systems



Pressure Washers

- Designed to withstand exposure to harsh marine environment
- Equipment NAVSEA safety compliant
- Surface prep techniques & equipment maintenance training classes provided at most major bases
- Interchangeable abrasive heads for many applications including epoxy and high solid non-skid coatings
- National Stock Numbers available for most products

Bridges and Construction



Mini-Grinders



Needleguns & Impact Tools



Scarifiers & Rotary Peeners



Sanders



HEPA / ULPA Vac Systems



Walk Behind Scarifiers

- OSHA and EPA compliant for hazardous coating removal
- Premium alloy construction for increased durability and reduced weight for vertical and overhead work
- Dust and debris removed at point of generation to avoid worker exposure and costly containment
- Specified by Steel Structures Painting Council as capable of achieving SSPC SP.11

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System Equipment

- Tool Carrying Case
- Mini-Flushplate (Air or Electric)
- Tool Kit
- Whip Assembly
- Oil Bottle
- Standard Cutter Hub
- Roto Peen
- Hammer Hub

Applications

Bridges

- Hazardous coating removal
- Rust removal
- Weld preparation
- Surface profiling

Concrete

- Coating removal
- Scarification
- Surface preparation

Nuclear

- Beta hot spot removal
- DP testing preparation



Mini-Flushplate

The Mini-Flushplate, with its multiple interchangeable abrasive heads, is one of the most versatile tool systems available today. Employing the 3M Roto Peen hub, the Mini-Flushplate performs like a hand-held controlled shot blast machine capable of achieving SSPC Sp.11 cleanliness and is NAVSEA approved. The hammer hub, when used, performs like a high speed needlegun. The cutter hub is the most aggressive and is capable of removing non-skid and even scarifying concrete.

Features and Specifications

The Mini-Flushplate is a lightweight rotary scaling tool engineered to perform dust-free surface preparation on a wide range of surfaces with minimal vacuum requirements. Complies with OSHA and EPA regulations for hazardous coatings removal.

- Weight** Air 7lbs., Elec 8 lbs.
- Speed** 3200 rpm
- Power - Electric** 115 volt / 11 amps
- Power - Air** 90 psi @ 18 cfm
- Cleaning Swath** 2.25 inches
Cleans to within 3/4" of vertical surface
- Productivity** 25 to 150 sq.ft. per hour





100.216



100.226



100.054

800.533

Pneumatic Tools and Systems

100.216 Mini-Flushplate System
With dust attachment, system includes all three hubs (Roto Peen, hammer, and cutter hub), whip assembly (lubricator, evaporator, and filter), oil bottle, tool kit, and heavy-duty, non-corrosive carrying case.

100.212 Mini-Flushplate
With Roto Peen hub and dust collector attachment

100.028 Mini Flushplate and Dust Shroud only
The tool and shroud are offered bare. This option allows for a custom tool to be configured by adding a hub of your choice.

100.218 Mini-Flushplate with Reloadable Cutter Hub
With reloadable cutter hub and dust collector attachment.

101.212 Right Angle Mini-Flushplate
With dust shroud only.

100.213 Mini-Flushplate with Welded Cutter Hub

Electric Tools and Systems

100.226 Mini-Flushplate System
With dust attachment, system includes all three hubs (Roto Peen, hammer, and cutter hub), oil bottle, tool kit, and heavy-duty carrying case

100.222 Mini-Flushplate
With Roto Peen hub and dust collector attachment

100.221 Mini Flushplate and Dust Shroud only
The tool and shroud are offered bare. This option allows for a custom tool to be configured by adding a hub of your choice.

100.2211 Mini-Flushplate with Reloadable Cutter Hub
With reloadable cutter hub and dust collector attachment.

100.223 Mini-Flushplate with Welded Cutter Hub

100.054 Reloadable Cutter Hub
800.533 Cutter Hub Reload

Replacement Parts

Brush Set (dust shroud, 4 pieces)	100.001
Hammer Hub	100.002
Cutter Hub (welded)	100.008
Type C Roto Peen Reload	100.019
Hub Assembly (no Roto Peen)	100.024
Reloadable Cutter Hub	100.054
Cutter Reload	100.060
Roto Peen Hub w/ Flaps	100.069
Complete Whip Assembly	500.008
Oil Bottle	500.015
Filter Replacement (Whip assembly)	500.062
Carrying Case (heavy, non-corrosive)	500.066

Rotary Scarifiers

Desco's Mini-Flushplate and FX Flushplate systems were designed as an innovative solution for applications previously requiring multiple tools. The Desco Flushplate enables the operator to make up a number of tools by simply changing out the abrasive hub. Whether removing rust and corrosion, heavy coatings or providing a mechanical shot blast profile, the Desco Flushplate Systems are capable of tackling all these applications with a simple head change. Desco Flushplate Systems also include engineering controls that enable safe use in the most hazardous environments, including lead abatement and even radioactive decontamination.



100.212

System Equipment

- Tool Carrying Case
- FX Tool (Air or Electric)
- Tool Kit
- Whip Assembly
- Oil Bottle
- Standard Cutter Hub
- Roto Peen
- Hammer Hub

Applications

Metal

- Non-skid removal
- Mill scale removal
- Rust removal
- Weld preparation
- Surface profiling
- Hazardous coating removal

Concrete / Stucco

- Coating removal
- Mastic removal
- Scarification
- Surface preparation
- Grinding
- Stucco removal / cool deck
- Edging tool for blast machines



Hand-Held FX Tool

The FX Tool was designed for only one reason - PRODUCTION. The FX Tool, with its multiple interchangeable abrasive heads, is the most aggressive mid-sized tool available today. Employing the 3M Roto Peen Hub, the FX Tool performs like a hand held controlled shot blast machine, capable of achieving SSPC Sp.11 cleanliness. The Hammer hub, when used, performs like a high-speed needlegun. The most aggressive hub is the Cutter hub, which is used for removing non-skid, scarifying concrete, and when a nasty job just has to get done!

Features and Specifications

The FX Tool was designed specifically for the contractor as a heavy-duty, high-performance work horse. Complies with OSHA and EPA regulations for hazardous coatings removal.

- Weight - Electric**..... 18 lbs.
- Weight - Air**..... 12 lbs.
- Power - Electric**..... 110 volt
- Power - Air**..... 90 psi @ 39 cfm
- Cleaning Swath**..... 4.25 inches
Cleans to within 1" of vertical surface
- Productivity**..... up to 300 sq.ft. per hour





110.216

Pneumatic Tools and Systems

110.216 FX Tool System

With dust attachment, System includes all three hubs (Roto Peen, hammer, and cutter hub), whip assembly (lubricator, evaporator, and filter), oil bottle, tool kit, and heavy-duty, non-corrosive carrying case.

110.212 FX Tool

With Roto Peen hub and dust collector attachment. Air regulator (110.020) is included for use with Roto Peen application.

110.211 FX Tool & Dust Shroud only

The tool and shroud are offered bare. This option allows for a custom tool to be configured by adding a hub of your choice.

110.213 FX Tool with Reloadable Cutter Hub

With reloadable cutter hub and dust collector attachment.



110.226

Electric Tools and Systems

110.226 FX Tool System

With dust attachment, System includes all three hubs (Roto Peen, hammer, and cutter hub), oil bottle, tool kit, and heavy-duty, non-corrosive carrying case.

110.223 FX Tool and Welded Cutter Hub

With dust collector attachment. Note: can be used with cutter hub, hammer hub or Roto Peen.

110.221 FX Tool and Dust Shroud

The tool and shroud are offered bare. This option allows for a custom tool to be configured by adding a hub of your choice.

110.2233 Electric FX Tool with Reloadable Cutter Hub

With reloadable cutter hub and dust collector attachment.

110.222 FX Tool With Roto Peen Hub

FX Tool with Roto Penn Hub Includes roto peen hub and dust collector attachment.



110.032



110.033

110.032 Reloadable Cutter Hub

110.033 Cutter Hub Reload

Replacement Parts

Brush Set (dust shroud, 4 pieces)	110.001
Type C Roto Peen Reload	110.006
Hammer Hub	110.022
Cutter Hub (welded)	110.027
Reloadable Cutter Hub	110.032
Cutter Reload	110.033
Roto Peen Hub w/ Flaps	110.054
Complete Whip Assembly	500.008
Oil Bottle	500.015
Carrying Case (heavy, non-corrosive)	500.057
Filter Replacement (Whip assembly)	500.062

Rotary Scarifiers

Desco's FX Tool and Mini-Flushplate systems were designed as an innovative solution for applications previously requiring multiple tools. The Desco FX Tool enables the operator to make up a number of tools by simply changing out the abrasive hub. Whether removing rust and corrosion, heavy coatings or providing a mechanical shot blast profile, the Desco FX Tool Systems are capable of tackling all these applications with a simple head change. Desco FX Tool Systems also include engineering controls that enable safe use in the most hazardous environments, including lead abatement and even radioactive decontamination.



110.211



100.069

100.019 Heavy Duty Roto Peen Reload (hub *not* included)

A cost-effective, convenient, portable, alternative to conventional blasting. The media is confined to the rotating hub and the only debris that is generated is the coating itself. A 1 to 3 mil profile is left behind (satisfying SSPC Sp.11). On concrete it simulates a shot blast finish.



100.002

100.002 Hammer Hub

Performs like a high speed needlegun. The hammers rotate and when they strike a surface they fracture off coatings in a forgiving nature and at a high removal rate. A random profile is left behind but does not satisfy the high standards of SSPC Sp.11. By design, the hammer hub takes a beating and is long lasting.



100.008

100.008 Welded Cutter Hub

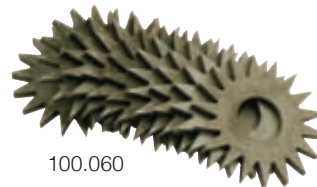
The cutter hub is by far the most aggressive of the afore mentioned hubs. It doesn't peen the surface (Roto Peen), it doesn't impact the surface (hammer hub), it cuts! The cutter hub is very effective on elastomeric coatings, mastic, carpet glue, scarifying concrete, non-skid removal, and when nothing else seems to work.



100.054

100.054 Reloadable Cutter Hub

The Mini-Flushplate reloadable cutter hub is a perfect choice for those jobs that demand extensive coverage. The replacement cutter hub is the most economical way to get the job done. This hub comes complete with cutters when purchased. The reload (**100.060**) consists of 75 cutters, 5 heavy-duty pins, an Allen wrench and 2 endcap screws.



100.060



Mini-Flushplate Hub Coverage Rate and Service Life

Type of Hub	Metal	Concrete	Life
Roto Peen	60 - 150 square feet*	40 - 150 square feet*	40 - 60 hours**
Hammer hub	80 - 150 square feet*	40 - 90 square feet*	10 -30 hours**
Cutter hub	40 - 125 square feet*	40 - 125 square feet*	1 - 4 hours**

*Coating thickness, type of coating, operator experience, surface configuration, elevation and other variables contribute to removal rates. Therefore, a range is offered for the best and worst of conditions.

**Different substrates, coating thickness, type of coating, and operator experience all dictate how long a hub is going to be useful. Therefore, a range is offered for comparison.

110.054 Heavy Duty Roto Peen Reload Hub

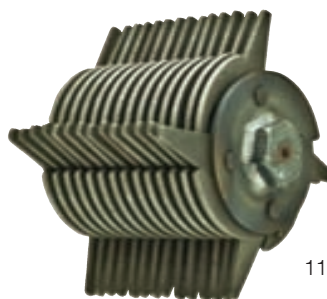
A cost-effective, convenient, portable, alternative to conventional blasting. The media is confined to the rotating hub, and the only debris that is generated is the coating itself. A 1 to 3 mil profile is left behind (Satisfying SSPC Sp.11). On concrete it simulates a shot blast finish. The reload (110.006) consists of 12 pieces, 2" type "C" Roto Peen.



110.054

110.022 Hammer Hub

Performs like a high speed needlegun. The hammers rotate and when they strike a surface they fracture off coatings in a forgiving nature and at a high removal rate. A random profile is left behind but does not satisfy the high standards of SSPC Sp.11. By design, the hammer hub takes a beating and is long lasting.



110.022

110.027 Welded Cutter Hub

The cutter hub is by far the most aggressive of the afore mentioned hubs. It doesn't peen the surface (Roto Peen), it doesn't impact the surface (hammer hub), it cuts! The cutter hub is very effective on elastomeric coatings, mastic, carpet glue, scarifying concrete, non-skid removal, and when nothing else seems to work.



110.027

110.032 Reloadable Cutter Hub

If a lot of work is to be performed, the replacement cutter hub is the most economical way to get the job done. The reload (110.033) consists of: 160 cutters, 5 heavy-duty pins, and 2 endcap screws.



110.032



110.033

FX Tool Hub Coverage Rate and Service Life

Type of Hub	Metal	Concrete	Life
Roto Peen	90 - 250 square feet*	60 - 250 square feet*	20 - 40 hours**
Hammer hub	120 - 250 square feet*	60 - 250 square feet*	10 -30 hours**
Cutter hub	60 - 200 square feet*	60 - 200 square feet*	1 - 4 hours**

*Coating thickness, type of coating, operator experience, surface configuration, elevation and other variables contribute to removal rates. Therefore, a range is offered for the best and worst of conditions.

**Different substrates, coating thickness, type of coating, and operator experience all dictate how long a hub is going to be useful. Therefore, a range is offered for comparison.

Descobrader Models

- Pneumatic Powered
- Gas Powered
- Electric Powered
- Propane Powered

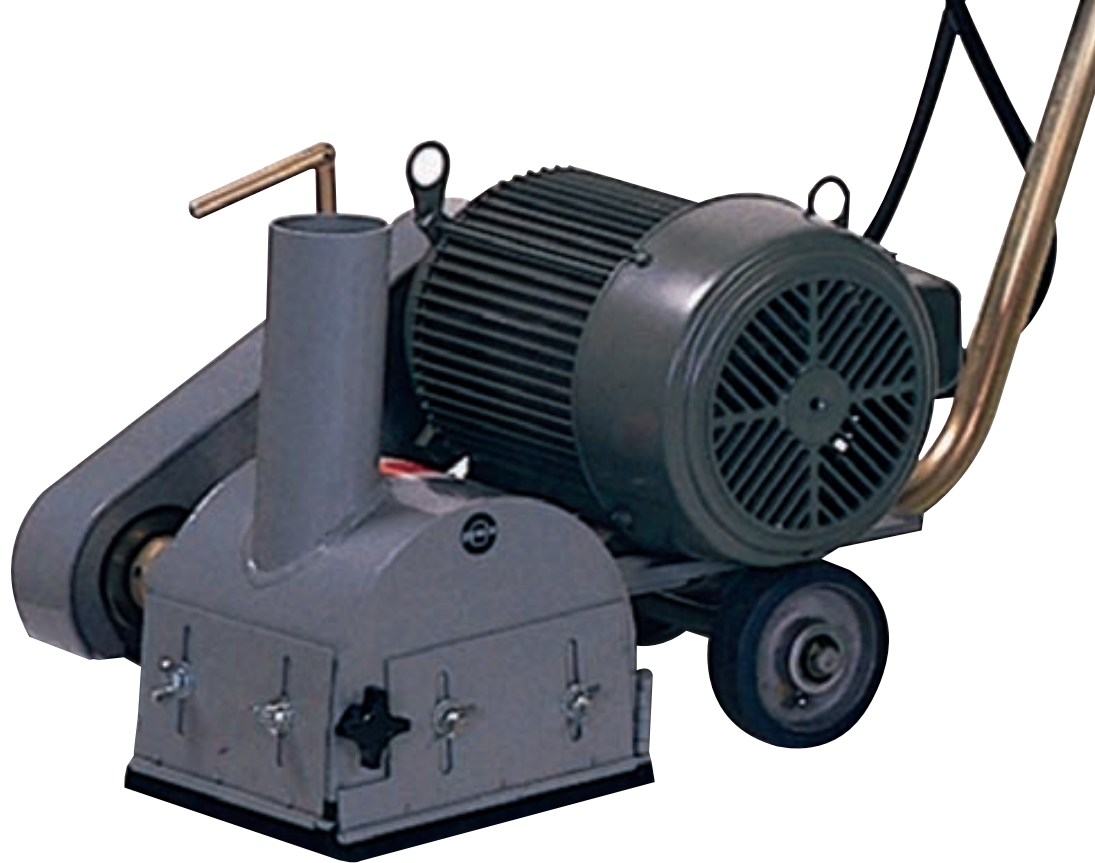
Applications

Metal

- Non-skid removal
- Coating removal
- Rust and scale removal
- Mill scale removal
- Coal tar removal
- SSPC Sp. 11 compliant

Concrete

- Floor tile mastic removal
- Elastomeric coatings
- Epoxy coatings
- Traffic line removal
- Coating preparation
- Profiles for non-slip surfaces
- Heavy and light coating removal



Walk-Behind Descobraders

The Descobrader offers the same applications as the Mini-Flushplate and the FX Tool in a convenient walk behind model. The multiple abrasive heads allow for a variety of applications, including SSPC Sp.11. The optional dust shrouds make it possible to be productive and work in a clean environment. The Descobrader is offered in three different models to meet any power preference. Quick head change outs, ease of operation, versatility, and low maintenance makes this a machine that should be in any tool inventory.

The Descobrader can be used for removing rust and paint or profiling and grinding. This machine was engineered to incorporate an in-line positive adjustment lever that allows precise adjustment of the head at the working surface. The latest addition to the Descobrader line is the Descobrader Weld Cleaning System which dramatically reduces costs and was designed specifically for industries involved with extensive weld cleaning.

Features and Specifications

Dust free capabilities comply with OSHA regulations for hazardous coating removal. One-man operation, easily maneuvered, high-production, multiple abrasive heads with 30-second head change-out.

Coverage	Up to 400 square feet per hour
	5.25 inch cleaning swath
	Cleans to within 1.25 inch of vertical surface
	Removes coatings up to .5 inch thick
Power - Air	4 hp at 125 cfm and at 80-90 psi
Power - Electric	5 hp in 220 single phase
	220 three phase and 440 three phase
	Comes with 25' of 14 gauge electrical cord
Amps	16 amps with 220 three phase
	8 amps with 440 three phase
Power - Gas	5 hp
	Positive adjustment lever for exact depth cut control



Descobraders

120.113
Pneumatic powered. Air requirement is 125 cfm @ 80-90 psi. Comes with one hub of your choice. Roto Peen hub is an upgrade.

120.213
Pneumatic Descobrader includes dust shroud with a 3" outlet. Comes with one hub of your choice.

120.123
Electric powered. Standard voltage is 440 three phase or 220 three phase. A 220 single phase is also available at a small additional cost. Comes with one hub of your choice.

120.223
Electric Descobrader includes dust shroud with a 3" outlet. Comes with one hub of your choice.

120.133
Gasoline powered. Rated at 5 hp. Comes with one hub of your choice.

120.233
Gasoline Descobrader includes dust shroud with a 3" outlet. Comes with one hub of your choice.

Replacement Parts

Type C Roto Peen flap reload	120.028
Hammer hub	120.030
Heavy duty pin	120.055
Desco hub	120.112
Splined shaft	120.111
Replacement clean/strip wheel	170.023
Heavy duty cutter	800.058
Cutter (leaves smooth finish)	800.095
Hammer replacement	800.094
Timing belt	550.402
Medium duty cutter	800.516
Kung-Foo cutter	800.983



Descobrader Systems

System includes Descobrader, two cutter hubs (C58, C983), BPH hub, a Roto Peen hub with flaps, a 25lb. weight, and tool kit.

120.116
Pneumatic-powered air requirement is 125 cfm @ 80-90 psi

120.216
Pneumatic Descobrader includes dust shroud with a 3" outlet.

120.174
Electric powered standard voltage is 440 three phase or 220 three phase. A 220 single phase is also available at a small additional cost.

120.226
Electric Descobrader includes dust shroud with a 3" outlet.



120.029

120.029 Heavy Duty Roto Peen Hub

A cost-effective, convenient, portable, alternative to conventional blasting. The media is confined to the rotating hub, and the only debris that is generated is the coating itself. A 1 to 3 mil profile is left behind (satisfying SSPC Sp.11).



120.026

120.026 Cutter Hub

This cutter hub is by far the most aggressive of the hubs. The Kung-Foo cutter hub with its 144 sharp cutters is very effective on elastomeric coatings, mastic, carpet glue, scarifying concrete, non-skid removal, PRC, coatings, epoxies, and high-solid coatings. The Kung-Foo cutter hub works as well on concrete as it does on metal surfaces. Life expectancy is 4 - 6 hours on metal surfaces and 1.5 - 2 hours on concrete. A reload is made up of 144 cutters (**800.983**). The 48 spacers (**550.405**) that come with the hub are reusable with the reload cutters. The 8 pins (**120.055**) should be replaced every third or fourth time the cutters are changed.



120.024

120.024 Heavy-Duty General Hub

Used for non-skid removal. The blunt nature of this cutter allows for heavy coating removal with minimal damage to the substrate. The hub is made up of 24 cutters (**800.058**) and 4 pins (**120.055**). The pins should be replaced every three or four times the cutters are replaced. Life of the cutter is 6 - 8 hours removing non-skid.



120.021

120.021 BPH Hub

The BPH hub is a specially designed wheel of pliant surface conditioning products that enable the Descobrader to deep clean pitted steel due to corrosive effects. Its characteristics allow it to deep clean without removing metal and meet the requirements for SSPC Sp.11. The BPH hub can be substituted for any application where a wire brush would be used. A replacement abrasive wheel is 5.25"x7" (**170.023**).

120.055 Heavy Duty Heat-Tempered Pin

The pins (or shafts) are what the cutters ride on. Pins should be replaced every third or fourth time the cutters are changed out, rotating the pins one hole on every cutter change out.

Dimensions: 6" X 9/16"

Pins: Hubs have 4 pins each, except hubs **120.026** and **120.030** which have 8 pins each.



120.055

800.600 Carbon Steel Cutter

This cutter gives a fish-hook type of profile on steel substrates. Made from carbon steel, this cutter is excellent for coating removal and scarifying.

Dimensions: 1.5" O.D. x 5/8" I.D. x 1/8" thick



800.600

800.700 Carbon Steel Cutter

This cutter is like the popular 800.600 cutter but slightly larger. As a result, it gives a similar fish-hook profile with the added bonus of longer wear. The 800.700 cutter is excellent for coating removal and scarifying.

Dimensions: 1-5/8" OD x 5/8" ID x 1/8" thick



800.700

800.983 Carbon Steel Cutter

Our most aggressive cutter. Best for concrete coating removal. Sharp cutter leaves a smooth finish. Non-skid and PRC coating removal.

Dimensions: 2" O.D. x 3/4" I.D. x 5/32" thick



800.983

800.058 Alloy Cutter

Heavy coating removal with little substrate damage. Best for non-skid removal. Tile and underlay removal.

Dimensions: 2" O.D. x 11/16" I.D. x 5/8" thick



800.058

800.5161 Tungsten Carbide Cutter

Longer lasting and more aggressive groove, to create non-slip surfaces. Use to install recessed materials and scarifying old concrete surfaces.

Dimensions: 1 13/16" O.D. x 5/8" I.D. x 1/4" thick



800.5161

820.302 Roto Peen Replacement Flap

Light coating removal, profiling and mill scale removal. SSPC Sp.11 requirements. Remove laitance from concrete. Excellent for removing overlays.



820.302

Needleguns

Desco needleguns are designed with the following in mind: productivity, ergonomics and most importantly durability. When used with Desco critical filtration vacuums, our tools provide excellent containment of lead, silica and other contaminants.

The New Desco Model 18

The Model 18 Needle Scaler delivers the performance of a larger scaler in a small package. The compact design gets into tight spaces where larger tools will no fit. Plus, the Model 18 is recoilless -- which means low vibration and low noise -- delivering productivity boosting ergonomics.

Great things come in small packages

- Compact - Fits into tight areas
- Low vibration - Less fatigue
- Rugged design - Long life
- Easy Needle change - Fast



Model 40 Features and Specifications

Stop repetitive motion syndrome. Using the latest technology for vibration suppression, this dust free needlegun, operates virtually motionless. Low vibration and high blow frequency results in less operator fatigue and increased production. 3-cfm air requirement allows this needlegun to operate on a limited air supply. Available in two models (28 or 19 needles, see specs)

Needles	28 - 3mm or 58 - 2mm needles
Weight	Model 25: 6.5 lbs. Model 40: 7.9 lbs.
Length	Model 25: 11.5" Model 40: 11 7/8"
Stroke	7/8" @ 3400 BPM
Air Requirement	90 psi @ 3 cfm



Model 40EX Features and Specifications

The Model 40EX is the Model 40 needlegun with an extended reach handle. It has all great features of the standard Model 40 needlegun with a long handle enabling operation from a standing position. This ergonomic design of low vibration and extended reach make this needlegun a first choice for vertical applications. Plus, the back-saver and knee-saver features reduce operator fatigue and boost productivity.

Needles	28 - 3mm or 58 - 2mm needles
Weight	13 lbs.
Length	55"
Stroke	7/8" @ 3400 BPM
Air Requirement	90 psi @ 3 cfm

Model 24 Features and Specifications

Durability, low maintenance, and ease of use are the main features of this needle-gun. Interchangeable dust shrouds comply with OSHA regulations for hazardous coating removal. Only three moving parts of solid steel construction. With options, it is capable of using 2, 3, or 4mm needles.

- Needles** 53 - 2mm needles, 23 - 3mm needles or 12 - 4mm needles
- Weight** 7 lbs.
- Length** 13.75 inches
- Stroke** 5/8" @ 4000 BPM
- Air Requirement** 90 psi @ 9.5 cfm



Model 32 Features and Specifications

This dust free needlegun solves the problem of what to do when you can't get air service to the work area. Operates off of standard 115 volt electricity, just plug it in and get the job done. Double insulated, so no grounding is necessary. Adjustable side handle rotates 360° to any desired position.

- Needles** 15 - 3mm or 32 - 2mm
- Weight** 9.9 lbs.
- Length** 20.5 inches
- Stroke** 7/8" @ 3000 BPM
- Duty Cycle** 30 minutes



Model 18 Features and Specifications

Compact, light-weight, low vibration and low air consumption are just some of the features of Desco's newest high performance needle scaler. Plenty of power comes from a short stroke combined with a high beat rate, giving this compact scaler "big guns" performance. Compact size allows access into tight spaces where larger tools will not fit. An optional dust shroud is available featuring a unique sleeve that converts from a flat style to an inside corner style shroud.

- Needles** 18 chisel point - 3mm x 5"
- Weight** 3.6 lbs.
- Length** 7.7 inches
- Stroke** 3/8" @ 7,000 BPM
- Air Requirement** 90 psi @ 6 cfm



Model 19 Features and Specifications

The in-line design and durable construction makes this a productive tool that is value priced. There are three tension settings to maximize performance and compensate for needle wear. Dust shrouds are available for both flat and inside corner surfaces.

- Needles** 19 - 3mm needles
- Weight** 6.25 lbs.
- Length** 18.75 inches
- Stroke** 1 1/8" @ 4000 BPM
- Air Requirement** 90 psi @ 12 cfm



Model 40: Pneumatic System

130.2406

Model 40 pneumatic pistol grip needlegun system with dust attachment. Includes: Flat and inside dust attachment, extra set of needles (28), whip assembly (lubricator, filter, evaporator), oil bottle, tool kit, and a heavy duty non-corrosive carrying case.



Model 32: Electric System

130.2326

Model 32 electric pistol grip needlegun system with dust attachment. Includes: Flat and inside dust attachment, extra set of needles (15), tool kit, and a heavy duty non-corrosive carrying case. Note: 30-minute cycle for cool down.



Model 40 Repair Kit

- 550.820 Spring
- 550.823 Piston ring
- 550.832 "O" ring
- 550.828 Limit ring
- 550.830 "O" ring
- 550.966 Pusher



Needles

- 130.023 7" X 2mm flat needle
- 130.024 7" X 3mm flat needle
- 130.025 7" X 4mm flat needle
- 130.020 3mm stainless steel
- 130.026 chisel point needle



Model 24 Needle Holders

- 130.069 2mm (mdl.24)
53 needles
- 130.070 3mm (mdl.24)
23 needles

Needleguns (with shrouds)

- 130.216 Model 16 Micro needlegun / uni-shroud
- 130.219 Model 19 In-line needlegun / flat
- 130.061 Model 19 In-line needlegun / inside
- 130.034 Model 20 In-line needlegun / flat shroud
- 130.062 Model 20 In-line needlegun / inside
- 130.224 Model 24 Pistol grip needlegun / flat
- 130.2243 Model 24 Pistol grip needlegun / inside
- 130.051 Model 25 Vibration free / flat dust shroud
- 130.053 Model 25 Vibration free / inside shroud
- 130.232 Model 32 Electric needlegun / flat shroud
- 130.332 Model 32 Electric needlegun / inside corner
- 130.050 Model 40 Vibration free / flat dust shroud
- 130.052 Model 40 Vibration free / inside shroud

Needleguns (without shrouds)

- 130.116 Model 16 micro needlegun
29 - 2mm needles
- 130.119 Model 19 In-line needlegun
19 needles
- 130.120 Model 20 In-line needlegun
12 needles
- 130.124 Model 24 Pistol grip needlegun
23 needles
- 130.048 Model 25 Low vibration
19 needles
- 130.132 Model 32 Electric needlegun
15 needles
- 130.049 Model 40 Low vibration
28 Needles

Replacement parts

- 500.008 Whip assembly (filter/lub./evap.)
- 500.065 Heavy duty carrying case
- 500.062 Replacement filter (every 30-45 days)
- 500.060 Replacement brush (all flat shrouds)
- 130.028 Beryllium / copper (spark resist) needle
- 130.016 1" Chisel (Model 19 only)

Dust Shrouds

- 130.015 Model 16 Universal shroud
- 130.043 Model 19 Flat dust shroud (1 3/4")
- 130.008 Model 19 Inside dust shroud
- 130.036 Model 20 Flat dust shroud (1 7/8")
- 130.038 Model 20 Inside dust shroud
- 180.017 Model TS5-50 Flat tile stripper (2")
- 130.040 Model 24 Flat dust shroud
- 130.041 Model 24 Inside dust shroud
- 130.043 Model 25 Flat dust shroud
- 130.008 Model 25 Inside dust shroud
- 130.059 Model 40 Flat dust shroud
- 130.060 Model 40 inside dust shroud

Needle Holders

- 130.054 Needle holder (29) 2mm (mdl.16)
- 130.047 Needle holder (29) 2mm (mdl.20)
- 130.074 Needle holder (32) 2mm (mdl.32)
- 130.078 Needle holder (58) 2mm (mdl.40)
- 130.066 Needle holder (19) 3mm (mdl.19)
- 130.046 Needle holder (12) 3mm (mdl.20)
- 130.055 Needle holder (19) 3mm (mdl.25)
- 130.234 Needle holder (15) 3mm (mdl.32)
- 130.056 Needle holder (29) 3mm (mdl.40)



Tile Strippers

Long reach tile strippers have many uses, they can be used to lift tile, lift carpet, scrape off membranes, loosen underlays, remove coatings, rust and scale.

- Specifications:
- Length** 2', 5'
 - Weight** 11.5- 14.1 lbs.
 - Stroke** 1.54"
 - Blows per Minute** 2200
 - Air Requirement** 90 psi @ 5 cfm

Configurations:

Ref.	Part	Description
A	180.029	Tile Stripper, 5', standard
B	180.030	Tile Stripper, 5', ultra light
C	180.010	Tile Stripper, 2'
D	180.0281	Needlegun, no DC
E	180.028	Needlegun, w/DC



Chisel and Yoke

Tile strippers come with 4" chisel blade. A yoke is required for speciality blades.

- 180.007 4" Chisel
- 180.033 Yoke

Blades

Specialty blades available in 8" and 12" super sharp sizes. Blades come 5 to a package. Ideal for tile, coating removal, and for lifting glued down carpeting.

- 180.026 8" Sharp Blade
- 180.027 12" Sharp Blade

Needle Conversion Kit

Convert the tile stripper into a long-reach needle descender by simply adding the conversion kit. Dust collector attachments are available as options.

- 180.006 Needle Assembly
- 180.017 Dust Collector (Not Shown)



130.419

Chipping Gun Attachments

- 130.030 7" Angle Chisel
- 130.016 7" Straight Chisel
- 130.01612 12" Straight Chisel
- 130.01712 12" Angle Chisel

Model 19 Chipping Gun

Heavy-duty, in-line construction to maximize performance.

- Specifications:
- Weight** 7 lbs.
 - Stroke** 3"
 - Overall length** 16.25"
 - Air Requirement** 22 cfm @ 90 psi.



180.047

180.048

Scabblers

The heavy-duty Desco descaling hammers with tungsten carbide tipped pistons will match your most demanding applications including heavy-coating removal surface profiling / scarification and dust free applications with optional dust shrouds.

- Specifications:
- Blows per minute** 5,200
 - Weight** 8.2 lbs.
 - Stroke** 13/16"
 - Air Requirement** 22 cfm @ 90 psi.



180.042

180.043
180.045 with tool

180.044
180.046 with tool

Chipping Hammer

The Desco heavy-duty chipping hammer is designed for the most difficult of applications including concrete removal, tile and underlay removal and high-impact-necessary areas with limited work space.

- Specifications:
- Blows per minute** 1,900
 - Weight** 15 lbs.
 - Stroke** 3"
 - Overall length** 16.25"
 - Air Requirement** .. 22 cfm @ 90 psi.
- Attachments:
- 180.077** Pointed Chisel
 - 180.078** 1" Chisel
 - 180.079** 2" Chisel
 - 180.080** Bush Maul

Sanders and Grinders

Desco manufactures a wide range of sanders, grinders and detail tools. To provide extended life and durability, many models are outfitted with Zerc fittings that enable easy maintenance and tool lubrication. Safety is of key importance as almost all Desco sanders are outfitted with double safety lock off levers. Desco dust free sanders and grinders are also engineered to provide the highest level of containment on the market today. Desco's fixed-head shrouds are designed to provide maximum visibility and access, whereas the Desco developed floating shroud with valuted guard is engineered to provide maximum containment for those applications involving highly contaminated material.



200.3218



151.119



200.3217



200.3218

7" Right Angle Sander

Features

The 7" sander is a heavy duty production tool that is offered in both pneumatic and electrical models. Hook and loop back-up pads are used with conditioning type discs. A rigid back-up pad with a center nut is used with coated abrasives. Dust shrouds are optional. Systems and kits are available.

Specifications:

	<u>Pneumatic</u>	<u>Electric</u>
Weight	5 lbs.	12 lbs.
Length	12.5"	12.5"
Power Required	90 psi @ 18cfm	110 volts, 15 amps
RPM	4,500	6,500

Configurations

Pneumatic			
Part	Description	Shroud	Backup Pad (Abrasive)
151.110	7" Sander	None	Hook & Loop (Conditioning Disc)
151.119	7" Sander	None	Center Nut (Coated Abrasive)
151.210	7" Sander	Round	Hook & Loop (Conditioning Disc)
151.219	7" Sander	Round	Center Nut (Coated Abrasive)
151.217	7" Sand System	Round	Hook & Loop (Conditioning Disc)
151.2179	7" Sand System	Round	Center Nut (Coated Abrasive)

Electric			
Part	Description	Shroud	Backup Pad (Abrasive)
151.129	7" Sander	None	Center Nut (Coated Abrasive)
151.229	7" Sander	Round	Center Nut (Coated Abrasive)
200.3217	7" Sander	Bullnose	None (Diamond Cup Wheel)
200.3218	7" Sander	Round	None (Diamond Cup Wheel)

Backup Pads & Abrasives Types

Part	Backup Pad (Fastening Type)	Abrasive Supported
500.153	7" BUP, plastic (center nut)	Coated Abrasive
200.016	7" BUP, rubber spiral (center nut)	Rip Disc
820.009	7" BUP, plastic (hook & loop)	Conditioning Discs

4" and 7" Grinders

Features

Desco dust-free grinders are heavy-duty, commercial-grade grinders capable of using both diamond cup wheels and Desco Rip discs. The bullnose feature allows for dust-free operation right up to a wall. Ideal for grinding, mastic removal, coating removal, edging, planning, milling and coating preparation.

Specifications:	<u>4" Pneumatic</u>	<u>4" Electric</u>	<u>7" Electric</u>
Weight	4 lbs.	8 lbs.	15 lbs.
Length	9"	9"	10"
Power Required	90 psi @ 18cfm	110v, 6 amps	110v, 15 amps
RPM	12,000	10,000	6,500
Arbor	5/8"-11	5/8"-11	5/8"-11

Configurations

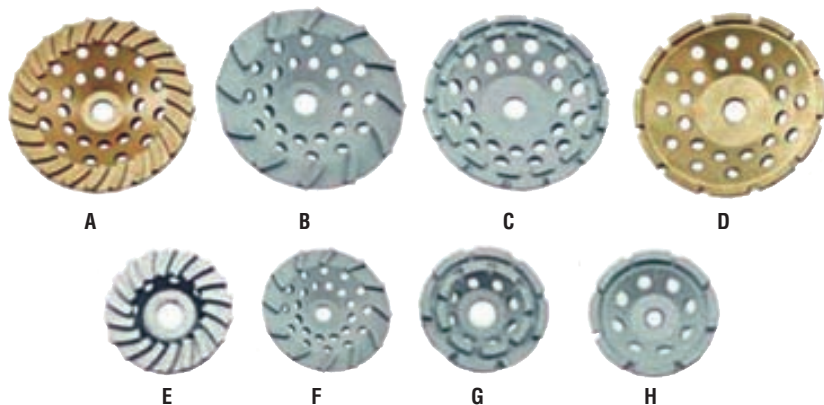
Part	Description
150.319	4" Grinder, pneumatic, bullnose ¹ shroud
150.310	4" Grinder, pneumatic, round shroud
200.3214	4" Grinder, electric, bullnose ¹ shroud
200.3215	4" Grinder, electric, round shroud
200.3217	7" Grinder ² , electric, bullnose shroud
200.3218	7" Grinder ² , electric, round shroud

Notes:

¹The 4" bullnose shroud can not be used with 4.5" abrasives

²The 7" bullgrinder can not be used with 7" BPH wheels.

Diamond Cup Wheels



7" Diamond Cup Wheels

Ref.	Part	Description
A	850.007	7" 24-segment turbo cup
B	850.011	7" 12-segment turbo cup
C	850.006	7" Double row cup wheel
D	850.010	7" Single row cup wheel

4" Diamond Cup Wheels

Ref.	Part	Description
E	850.014	4" 18-segment turbo cup
F	850.001	4" 9-segment turbo cup
G	850.002	4" Double row cup wheel
H	850.008	4" Single row cup wheel



150.319



200.3214



150.210



150.229



150.119



150.210



150.229



150.320

4" & 4.5" Right Angle Sander

Features

A dust free, medium sized sander that's high in production. Offered in both pneumatic and electric models. The 4" tool uses the Roloc backup pad and can use either the coated abrasive discs or conditioning discs.* The flat shroud allows for edge cleaning. The 4.5" tool uses a center-nut style backup pad for coated abrasive and a hook and loop style back-up pad for conditioning discs. Systems and kits available.

Specifications:

	Pneumatic	Electric
Weight	4 lbs.	8 lbs.
Length	9"	10"
Power Required	90 psi @ 18 cfm	110 volts, 9 amps
RPM	12,000	10,000
Arbor	5/8" - 11	5/8" - 11

Configurations

Pneumatic			
Part	Description	Shroud	Backup Pad
150.018	Sander Motor	None	None
4" Backup Pad			
150.112	Sander	None	4" Roloc
150.319	Sander	Bullnose*	4" Roloc
150.317	Sanding System	Bullnose*	4" Roloc
150.310	Sander	Round	4" Roloc
150.316	Sanding System	Round	4" Roloc
4.5" Backup Pad			
150.110	Sander	None	4.5" Hook & Loop
150.119	Sander	None	4.5" Rubber Spiral, Center Nut
150.210	Sander	Round	4.5" Hook & Loop
150.219	Sander	Round	4.5" Rubber Spiral, Center Nut
150.217	Sanding System	Round	4.5" Hook & Loop

*Note: The 4" Bullnose shroud can not be used with 4.5" abrasives

Electric			
Part	Description	Shroud	Backup Pad
150.120	Sander Motor	None	None
4" Backup Pad			
150.320	Sander	Bullnose*	4" Roloc
150.329	Sander	Round	4" Roloc
150.327	Sanding System	Bullnose*	4" Roloc
4.5" Backup Pad			
150.220	Sander	Round	4.5" Hook & Loop
150.229	Sander	Round	4.5" Rubber Spiral, Center Nut
150.227	Sanding System	Round	4.5" Hook & Loop

*Note: The 4" Bullnose shroud can not be used with 4.5" abrasives

Backup Pads & Abrasives

Part	Backup Pad Fastening Type	Abrasive Supported
820.004	4" Roloc	Coated Abrasive or Conditioning Discs
200.425	4.5" Center Nut	Coated Abrasive
820.006	4.5" Hook & Loop	Conditioning Discs

2" & 3" Die Grinder Features and Configurations

The dust free mini-die grinder was designed as a detail tool and to clean hard to get at areas. Any place you can put your fist into the mini-die grinder can clean it dust free. Convenient Roloc system allows for coated abrasive use as well as conditioning type discs. Offered as a bare tool or with a 3" floating shroud and in 2" and 3" fixed-head models. Systems available.

Specifications:

	Pneumatic		Electric	
	2"	3"	2"	3"
Weight	2.5 lbs.	3.0 lbs.	7 lbs.	7.5 lbs.
Length	6"	7"	8"	9"
Power Required	90 psi @ 14 cfm		110 volts, 9 amps	
RPM	12,000		10,000	
Collett Size	1/4		N/A	

Pneumatic	
Part	Description
2" Fixed Dust Collector	
141.2192	Die Grinder
141.2172	Die Grinder Kit
141.2162	Die Grinder System
3" Fixed Dust Collector	
141.2193	Die Grinder
141.2173	Die Grinder Kit
141.2163	Die Grinder System
3" Floating Dust Collector	
140.219	Die Grinder
140.2193	Die Grinder, Dust Free System

Electric	
Part	Description
2" Fixed Dust Collector	
141.2292	Grinder, Dust Free
141.2272	Grinder Kit, Dust Free
141.2262	Grinder System, Dust Free
3" Fixed Dust Collector	
141.2293	Grinder, Dust Free
141.2273	Grinder Kit, Dust Free
141.2263	Grinder System, Dust Free
3" Floating Dust Collector	
140.229	Grinder, Dust Free
140.2293	Grinder, Dust Free System

5" Palm Sander, Ergo Random Orbit

The Ergo Random Orbit Palm Sander is a good choice when a smoother uniform finish is required. The random orbit feature reduces swirl marks by combining 2 motions: rotation with back-and-forth. Common applications are finish sanding, sanding aluminum and working on fiberglass. There is a wide selection of abrasive discs and pads available. A dust collection option is available.

Weight	1.7 lbs.
Length	5-7/8 inches
Arbor	5/16" - 24
Air Requirement	90 psi @ 11 cfm
Speed (no load)	10,000 rpm



141.2293



141.2192



140.219



160.010



160.011

All discs
available in
Bulk Packs



Conditioning Discs

Designed not to remove substrate. Aggressive enough to remove rust, stains, and contaminants, yet soft enough not to leave scratches on feathered coatings.

2" Die Grinder Roloc Abrasive Discs

- 810.225 2" Super coarse (dark brown)
- 810.224 2" Coarse (brown)
- 810.223 2" Medium (maroon)
- 810.222 2" Very fine (blue)
- 810.226 2" BPH (black)
- 820.0227 2" BPH (purple)

3" Die Grinder Roloc Abrasive Discs

- 810.325 3" Super coarse (dark brown)
- 810.324 3" Coarse (brown)
- 810.323 3" Medium (maroon)
- 810.322 3" Very fine (blue)
- 810.326 3" BPH (black)
- 820.0327 3" BPH (purple)

4" Floating Bullnose Roloc Abrasive Discs

- 810.425 4" Super coarse (dark brown)
- 810.424 4" Coarse (brown)
- 810.423 4" Medium (maroon)
- 810.426 4" BPH (black)

4.5" Sander Hook & Loop Abrasive Discs

- 810.915 4.5" Super coarse (dark brown)
- 810.914 4.5" Coarse (brown)
- 810.912 4.5" Medium (maroon)
- 810.911 4.5" Very fine (blue)
- 810.951 4.5" BPH (black) w/Quick 5/8"-11 spin-on mount

7" Grinder Hook & Loop Abrasive Discs

- 810.715 7" Super coarse (dark brown)
- 810.714 7" Coarse (brown)
- 810.712 7" Medium (maroon)
- 810.711 7" Very fine (blue)
- 810.751 7" BPH (black)

Conditioning Disc Back-up Pads

- 825.1315 2" Roloc pad, with mandrel
- 825.1318 3" Roloc pad, with mandrel
- 820.004 4" Roloc pad
- 820.005 4" Hook & Loop pad
- 820.006 4.5" Hook & Loop pad
- 820.009 7" Hook & Loop pad

Coated Abrasive Discs

For rapid coating removal when going to bare metal. Some substrate is removed which serves as an anchoring pattern for the newly applied coatings.

2" Die Grinder Roloc Abrasive Discs

- 815.224** 2" 24 grit (very aggressive)
- 815.236** 2" 36 grit (contractor's choice)
- 815.250** 2" 50 grit (all purpose)
- 815.280** 2" 80 grit (finishing)
- 815.2120** 2" 120 grit (ultra light or composites)

3" Die Grinder Roloc Abrasive Discs

- 815.324** 3" 24 grit (very aggressive)
- 815.336** 3" 36 grit (contractor's choice)
- 815.350** 3" 50 grit (all purpose)
- 815.380** 3" 80 grit (finishing)

4" Floating Bullnose Roloc Abrasive Discs

- 815.424** 4" 24 grit (very aggressive)
- 815.436** 4" 36 grit (contractor's choice)
- 815.450** 4" 50 grit
- 815.460** 4" 60 grit (all purpose)
- 815.480** 4" 80 grit (finishing)

4.5" Sander 7/8" Center Hole Abrasive Discs

- 815.9424** 4.5" 24 grit (very aggressive)
- 815.9436** 4.5" 36 grit (contractor's choice)
- 815.9450** 4.5" 50 grit (all purpose)
- 815.9480** 4.5" 80 grit (finishing)

7" Grinder 7/8" Center Hole Abrasive Discs

- 815.7424** 7" 24 grit (very aggressive)
- 815.7436** 7" 36 grit (contractor's choice)
- 815.7450** 7" 50 grit (all purpose)
- 815.7460** 7" 60 grit
- 815.7480** 7" 80 grit (finishing)

Coated Abrasives Back-Up Pads

- 825.1315** 2" Roloc back-up pad
- 825.1318** 3" Roloc back-up pad
- 820.004** 4" Roloc back-up pad
- 820.005** 4" Hook & Loop back-up pad
- 820.006** 4.5" Hook & Loop back-up pad
- 825.008** 4.5" Coated abrasive conversion kit
- 200.425** 4.5" Back-up pad (Rip disc and Quick Change)
- 500.071** 2" Center nut
- 500.153** 7" Coated abrasive back-up pad
- 200.016** 7" Back-up pad (Rip disc)

The DescoRip Disc

A 16 grit open-faced grinding disc. Especially effective for the removal of coatings on concrete. Diamond discs, when used to do edge work, tend to polish aggregates. The DescoRip disc leaves the same edges with a roughen surface ready for a new coating application. Approximately two hours of continuous use on concrete surfaces. They can also be used on stubborn coatings on metal surfaces. The DescoRip with all of its advantages is also value priced.



2" Center Nut
500.071

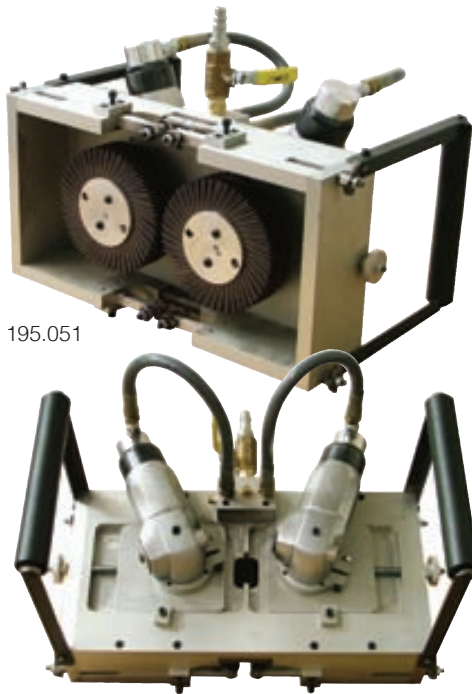
4.5" Back-up Pad
200.425

4.5" Rip Disc
200.019



7" Back-up Pad
200.016

7" Rip Disc
200.017



195.051

Double Edge Web Scaler Applications and Specifications

The Double Edge Web Scaler is a high production tool designed to perform pre-weld preparation on girder, web plate, and other ferrous materials up to 2" thick. Due to the design of the Double Edge Web Scaler, both top and bottom surfaces may be cleaned in a single pass.

Applications:

- Mill scale removal
- Pre-weld preparation
- Coating removal
- Bridge construction
- Ship construction
- Surface profiling (shot-blast like)

Specifications:

Weight 47 lbs.
Motor Two each @ 3/4 hp
RPM 1,680 - 1,750

- 195.051.1 1" Web scaler, with bristle
 195.051.2 1⁵/₈" Web scaler, with bristle
 195.27621 Bristle reload, 36 grit, 6"x1⁵/₈"

Reciprocating Saw / Dust Attachment Applications and Specifications

A top-of-the-line reciprocating saw coupled with a dust and debris-free shroud. Cuts through wall board, plaster, and wood up to 1" thick. Saw is double insulated and uses multiple cutting blades.

Applications:

- Cutting out door or window frames
- Cutting out panels
- Cutting holes

Specifications:

Motor 110 volt electric

- 400.0012 Tool and shroud
 400.0011 Tool without shroud



400.0012

Hammer-Drill with Dust Attachment Applications and Specifications

Heavy duty cordless hammer-drill with 1/2" keyless chuck and dust shroud. Ideal for plunging holes in substrates containing lead paint or asbestos.

Applications:

- Excellent for drilling and hammering out holes

Specifications:

Motor 18v, variable speed, reversible,
Accepts Bits up to 1/2"
 Hole saws up to 2"

- 400.0203 Complete cordless hammer-drill



400.0203

Desco Tuck Point

The Tuck Point is excellent for caulk and mortar joint removal. The cut depth is adjustable with a maximum plunge depth of 3/4".

Applications:

- Crack widening
- Grooving
- Caulk and mortar joint removal
- Saw cuts to 3/4"
- Joint cleaning
- Excellent for applications requiring high levels of dust containment
- HEPA accessories available for hazardous material and silica dust applications

Weight 9 lbs.

Power Required 110 volt, 7 amps

Speed, no load..... 10,000 rpm

Consumables:

Part	Description
850.036	4.5" x 7/8" - 5/8" Segmented Diamond Wheel
850.037	4.5" x 7/8" - 5/8" Tuck Point Blade

Desco BPH VersaTool

The Desco BPH VersaTool is designed for coating removal, rust and corrosion removal to achieve the cleanliness standard for SSPC Sp.11. The BPH tool is especially effective on rusted and pitted metal, weld preparation and weld inspection. Ideal for cleaning small diameter pipe and 2" handrails. Offered in both pneumatic and electric models. Dust shrouds are optional.

Specifications:

	Pneumatic	Electric
Weight	5.5 lbs.	8.7 lbs.
Length	11"	12"
Power Required	90 psi @ 20 cfm	110 volts
Speed, no load	3,200 rpm	3,800 rpm

Part	Description
170.217	VersaTool, air, system with Dust Collector
170.218	VersaTool, air, with Dust Collector
170.181	VersaTool, air, no Dust Collector
170.186	VersaTool, air, Overboard Discharge Tool
170.228	VersaTool, electric, with Dust Collector
170.2289	VersaTool, electric, no Dust Collector

Consumables:

Part	Description
170.013	BPH Wheel, 1.25"x 6"
170.014	BPH Wheel, 1.25"x 7" (Can not use with shroud)
9170.014	BPH Wheel, 1.25"x 7" 25/case (Can not use with shroud)
500.146	Wire Wheel, 1"

Overboard Discharge Tool / Pipe Cleaner

The VersaTool is even more versatile with the addition of the Overboard Discharge Tool / Pipe Cleaner tool. Allows cleaning pipes internally to a depth of 18". Coated abrasives and conditioning discs are also available for specialty cleaning applications.



210.023



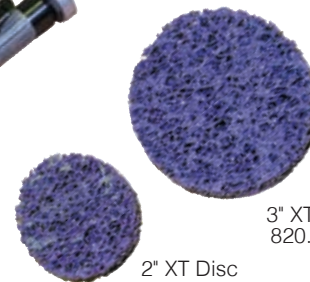
170.181



170.218



170.186



3" XT Disc
820.0327

2" XT Disc
820.0227





Desco Standup FX Tool Applications and Specifications

The Desco standup FX tool has all of the same great features as the hand-held version but in a convenient standup model which allows for less working fatigue.

Applications:

- Mill scale removal
- Pre-weld preparation
- Coating removal
- Bridge construction
- Ship construction
- Surface profiling (shot-blast like)

Specifications:

Power

Pneumatic..... 90psi @ 39 cfm, 4,500 rpm

Electric..... 110v, 15a, 6,000 rpm

Arbor 5/8"-11

Cleaning Swath 4.25"

Productivity Up to 300 sq ft/hour

Clearance.... Cleans up to 1" from a vertical surface

Pneumatic	
Part	Description
110.214	Standup FX tool with reloadable cutter hub
Electric	
110.224	Standup FX tool with standard cutter hub
110.2243	Standup FX tool with reloadable cutter hub
110.2245	Standup FX tool with cushion hub

Desco Standup Grinders Applications and Specifications

Applications:

- Grinding
- Coating removal
- Prepping for new coatings
- Dust free cleanliness
- Edge and detail sanding / grinding
- Planing

Specifications:

Power..... 15 amps, 110 volts, 6,000 rpm

Arbor5/8-11

- 151.010 Desco Diamond Stand Up Grinder
- 850.007 7" 24 Segment turbo disc
- 850.011 7" 12 Segment turbo disc
- 200.017 7" DescoRip disc
- 200.025 Conversion kit

SP-90

The Desco SP-90 is ergonomically designed to get the operators off their knees and on their feet. The machine excels at edge cleaning operations and pre/post weld cleaning. Great for removing pre-construction primer. A unique feature of the SP-90 is the ability to rotate the motor 0-90 degrees.

Specifications:

Weight	32 lbs.
Power Required	110 volts, 15 amps
Power Cord	8', 14-3 gage, grounded
Motor	2.2 HP, 6,000 rpm
Arbor	5/8" - 11
Abrasive	8" Radial Bristle

Part	Description
151.060	SP-90 1" Weld Cleaning Machine w/ Front Wheel Assy. & Bristle Hub
151.0602	SP-90 2" Weld Cleaning Machine w/ Front Wheel Assy. & Bristle Hub
820.021	1" 50-Grit Bristle Reload
820.0212	2" 50-Grit Bristle Reload
820.0208	1" 80-Grit Bristle Reload
820.02082	2" 80-Grit Bristle Reload
151.0666	8"x 1" Wire Wheel (with 2" Arbor Hole)
151.0667	1" Hub with Wire Wheel
151.0668	2" Hub with Wire Wheel



Extended Reach Tool

The Desco Extended Reach Tool is our most recent innovative solution to hit the market. By simply coupling our customers' needs with our engineering controls, Desco has once again forged its niche in the surface preparation industry. Our ergonomic design keeps the head of the tool where it needs to be with ease and control. The adjustable handle allows for ambidextrous use while the pneumatic actuation lever gives the user control over the air-generated power. Also available as a hand-held tool.

Specifications:

Weight	5 lbs.
Length	5'
Air Required	90 psi @ 14 cfm
Speed, no load	12,000 rpm

Part	Description
180.192	2" Pneumatic Extended Reach Tool (Bare)
180.2192	2" Pneumatic Extended Reach Tool w/ Dust Shroud (fixed)
180.2193	3" Pneumatic Extended Reach Tool w/ Dust Shroud (fixed)



Critical Filtration Vacuums

Desco is proud to introduce our new line of critical filter vacuums. These vacuums are the most effective, reliable, and safest way to contain and collect contaminants while working with applications requiring dust-free coating removal or clean-up. These vacuum systems capture material containing asbestos, lead, mold, mercury, nuclear waste, and other potentially hazardous materials.

Specialized Markets

- Radioactive Decontamination
- Lead Abatement
- Demolition Contractors
- Beta Hot Spot Removal
- Hex Chrome Abatement
- Mold Abatement
- Bio Hazard Clean-Up
- Clean Room Decontamination
- Decontamination Contractors
- Hazardous Waste Removal
- Toxic Chemicals Removal

Industrial Markets

- Shipyards
- Nuclear Power Plants
- Naval Bases
- Utility Plants
- DOD Facilities
- DOE Facilities
- Machine Shops
- Oil Refineries
- Chemical Manufacturing Plants
- Steel Mills
- Health Care Facilities
- Aerospace

Applications

- Flammable Liquid Pick Up
- Hex Chrome Remediation
- Asbestos Abatement
- Coating Removal
- Mold Remediation
- PadEye Liquid Removal
- Cloverleaf Liquid Removal
- Dust-Free Sanding / Grinding
- Lead Paint Removal
- Hazardous Destruction
- Sludge Removal
- Aluminum Chips
- Ceramic Oven Materials
- Corrosion Removal
- Iron Oxide
- Indoor Air Control
- Waste Water
- Gravel
- Dirt and Sand
- Steel Chip



Backpack Vacuums

The Desco Backpack vacuums are designed for comfort, mobility, and portability. The Backpack Vac is available in both electric and pneumatic powered models. These are critical filtration vacuums using ULPA filtration while offering 4 stages of filtration to provide maximum performance for the most demanding jobs. As a bonus, you can easily remove the vacuum from the backpack when the backpack feature is not needed.



340.002

Specifications:

	Pneumatic	Electric
Tank Size	6 Gallons (22 ltr.)	
Dry Capacity	.46 cu ft	
Hose Length	6'	
Weight	29 lbs.	28 lbs.
Air Flow	166 cfm	110 cfm
Water Lift	180"	105"
Power Required	37 cfm @ 100 psi	110 volts

Consumables:

Part	Description
340.384003PKG	Paper Collection Bags (10 pk)
340.761177PKG	Paper Filter Protector (10 pk)
340.110030PKG	Pre-Filter Sleeve (6 pk)



340.003

General Overview

- No moving parts to replace, no motors or switches to replace
- Uses compressed air and the venturi principle to create a vacuum of exceptionally high flow and high static lift
- Ideal for areas where standard voltage is not available
- Can lift or move an extensive variety of solid and liquid materials
- Large range of tank sizes, filter arrangements, venturi and hose sizes, tools & attachments for wet/dry pick up

6-Gallon High Efficiency Vacuum

- Vertical Venturi high efficiency motor
- Up to four stages of filtration
- Equipped with ULPA filter 99.999% efficient @ 0.12 microns
- Stainless steel tank to fight off corrosion
- QAV technology reduces noise to not exceed 80 dba
- Available with float-ball and cage for wet/dry use (340.70506.01)
- Includes 10' crush proof hose

Specifications:

Tank size	6 gallons
Waterlift	180"
Air requirement	37 cfm
Air flow	166 cfm
Input pressure	100 psi
Air line	1/2"

Consumables:

Paper filter protectors (pkg. of 10)	340.761177PKG
Paper filter collection bags (pkg. of 10)	340.384003PKG
Pre-filter sleeves (pkg. of 6)	340.110030PKG

15-Gallon Stainless High Efficiency Vacuum

- Vertical Venturi high efficiency motor
- Up to four stages of filtration
- Equipped with ULPA filter 99.999% efficient @ 0.12 microns
- Stainless steel tank to fight off corrosion
- Dolly cart for easy movement
- QAV technology reduces noise to not exceed 80 dba
- Available with float-ball and cage for wet/dry use (340.70515.01)
- Includes 25' crush proof hose with swivel cuff

Specifications:

Tank size	15 gallons
Waterlift	180"
Air requirement	42 cfm
Air flow	166 cfm
Input pressure	100 psi
Air line	1/2"

Consumables:

Paper filter protectors (pkg. of 12)	340.805038PKG
Paper filter collection bags (pkg. of 10)	340.760598PKG
Pre-filter sleeves (pkg. of 6)	340.110030PKG



340.70506.01



340.87506.01



340.87515.03



340.87255.01



340.70555.01

55-Gallon Max-Flo Dual HEPA

Features:

- Dual horizontal Venturi high efficiency pneumatic motor
- Exceptionally high static lift and high air flow
- Heavy-duty, double lined, electrostatically applied painted tank
- Muffler reduces noise to not exceed 80 dba
- Up to four stages of filtration
- Equipped HEPA filter provides trapping efficiency of 99.7% @ 0.3 microns
- Available with float-ball and cage for wet/dry use **(340.70255.01)**
- Available with heavy-duty dolly cart
- Dump valve for quick evacuation of material
- Includes 25' crush-proof hose with swivel cuff

Specifications:

Tank size	55 gallons
Waterlift	180"
Air requirement	91 cfm
Air flow	364 cfm
Input pressure	100 psi
Air line	3/4"

Consumables:

Paper filter protectors (pkg. of 12)	340.805038PKG
---	---------------

55-Gallon High Efficiency Wet/Dry Vacuum

Features:

- Vertical Venturi high efficiency pneumatic motor
- Heavy-duty, double lined, electrostatically applied painted tank
- QAV technology reduces noise to not exceed 80 dba
- Float-ball and cage for wet/dry use
- Available with heavy-duty dolly cart
- Dump valve for quick evacuation of material
- Includes 25' crush-proof hose with swivel cuff

Specifications:

Tank size	55 gallons
Waterlift	180"
Air requirement	46 cfm
Air flow	166 cfm
Input pressure	100 psi
Air line	1/2"

Consumables:

Paper filter protectors (pkg. of 12)	340.805038PKG
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Tools & Accessories for 6, 15, 30, and 55 Gallon Pneumatic Vacuums

340.490025.1

1.5" Wet/Dry Aluminum Tool Kit

- 340.800320 1.5"x10' Neoprene hose
- 340.800015 1.5" Wand
- 340.800034 24" Crevice tool
- 340.800111 14" Brush tool
- 340.800109 14" Squeegee tool
- 340.800108 14" Fibre tool
- 340.800017 High-up tool set, 10'
- 340.800030 4" - 6" Pipe set
- 340.800032 6" Pipe tool
- 340.800026 10" Wall brush
- 340.800116 Hose end swivel

340.490024.1

1.5" Wet/Dry, Plastic Tool Kit

- 340.800317 1.5" x 10' Neoprene hose
- 340.290000 1.5" Wand
- 340.800035 12" Crevice tool
- 340.829563 3" Rectangular dust brush tool
- 340.829561 11" Floor tool
- 340.800124 5" Hand tool, upholstery
- 340.800605 14" Squeegee tool



Vacuum Attachments

340.110038



340.110028PKG 340.110030PKG

340.110029



Vacuum Hose

- Vacuum Hose Assembly, 1.5"x 6' 300.081
- Vacuum Hose Assembly, 1.5"x 10' 300.082
- Vacuum Hose assembly, 1.5"x 25' 340.000001
- Vacuum Hose Extension, 1.5"x 25' 300.039
- Vacuum Hose Assembly, 3"x 10' 300.073

340.000001



300.042 300.044 300.041

Vacuum Connectors

- Coupler, 1.5" x 6" 300.041
- Y-gate, 1.5"x 1.5" (2) 300.042
- Y-gate, 2"x 1.5" (2) 300.043
- Manifold, 3"x 1.5" (4) 300.044

Filters & Pre-Filter Sleeves

- HEPA Filter 340.110038
- HEPA Sleeve 6-pk 340.110028PKG
- ULPA Filter 340.110029
- ULPA Sleeve 6-pk 340.110030PKG

Paper Filter Protectors / Collection Bags

- 6 Gal. Protector 10-pk 340.761177PKG
- 6 Gal. Collection bag 10-pk 340.384003PKG
- Filter protectors 12-pk 340.805038PKG
- Collection bag 10-pk 340.760598PKG



340.761177PKG

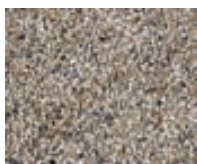
340.384003PKG



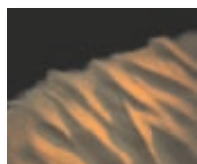
340.805038PKG

340.760598PKG

Efficiently Vacuums



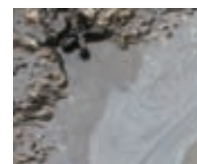
Gravel



Sand



Pellets



Oil & Sludge



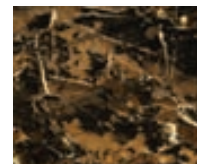
Iron Oxide



Metal Shavings



Asbestos



Toxic Waste



340.970515.01



340.970530.01



340.970555.01

U.S. Navy PadEye Vacuum System

PadEye Systems allow for ease of cleaning pad eyes on all U.S. Navy flight decks as well as the well deck pad eyes on amphibious class ships. 30 and 55 gallon drums have 2" dump-valve drains for quick disposal.



15 Gallon Stainless Steel, High Efficiency, Wet/Dry

- Vertical Venturi high-efficiency motor
- Up to four stages of filtration
- Float ball and cage for wet/dry use
- Stainless steel tank to fight off corrosion
- Dolly cart for easy movement
- QAV technology reduces noise (does not exceed 80 dba)
- 25' crush-proof hose with swivel cuff
- PadEye extraction wand

Specifications:

Waterlift	180"
Air requirement	42 cfm
Air flow	166 cfm
Input pressure	100 psi
Air line	1/2"

30 Gallon High Efficiency, Wet/Dry, with Riser

- Vertical Venturi high-efficiency pneumatic motor
- Heavy-duty, double lined, electrostatically applied painted tank
- QAV technology reduces noise (does not exceed 80 dba)
- Float ball and cage for wet/dry use
- Heavy duty dolly cart
- 25' crush-proof hose with swivel cuff
- PadEye extraction wand

Specifications:

Waterlift	180"
Air requirement	46 cfm
Air flow	182 cfm
Input pressure	100 psi
Air line	1/2"

55 Gallon High Efficiency, Wet/Dry

- Vertical Venturi high-efficiency pneumatic motor
- Heavy-duty, double lined, electrostatically applied painted tank
- QAV technology reduces noise (does not exceed 80 dba)
- Float ball and cage for wet/dry use
- Heavy duty dolly cart
- 25' crush-proof hose with swivel cuff and PadEye extraction wand

Specifications:

Waterlift	180"
Air requirement	46 cfm
Air flow	182 cfm
Input pressure	100 psi
Air line	1/2"



Flammable Liquid Recovery Vacuum

This pneumatic-operated vacuum is specifically designed for the safe recovery of jet fuel and hazardous / flammable liquids. Air operated vacuum creates high air flow and high static lift for recovering large amounts of liquid debris quickly and safely. Meets GSA specifications. Ideal for military, airports, petroleum refining facilities, fuel servicing areas, and environmental remediation.

- Special neoprene 25' x 1.5" grounded vacuum hose with Nitrite core
- Attached muffler makes unit quieter than comparable electric vacuums
- Heavy-duty dolly cart with 5" conductive wheels for easy transport
- Standard with explosion-proof tool kit with 14" floor squeegee tool
 - Air operated with no moving parts
 - Liquid shut-off for wet applications
 - Pressure relief valve
 - Intake hose closure
 - Locking lid latches

Specifications:

Wet capacity	45 gal
Dry capacity	7.16 cu.ft.
Static lift	180+ inches
Air flow	182+ cfm
Input pressure	100 psi
Air line size	1/2"
Weight	181 lbs.



Specialty Applications

Cloverleaf (pictured) and PadEye liquid removal



Accessories

Industrial Tool Kit and accessories available

General Overview

- No moving parts, motors or switches to replace
- Slienced down to low 80 dba
- Stainless steel or electrostatically-applied, painted tanks
- Uses compressed air and Venturi principle to create a vacuum of exceptionally high flow and high static lift
- Ideal for areas where standard voltage is not available
- Capable of lifting or moving an extensive variety of solid or liquid materials
- Large range of tank sizes, filter arrangements, Venturi and hose sizes, tools and attachments for wet or dry pick up.

Specifications ¹	6 Gallon	15 Gallon	30 Gallon	55 Gallon 1 Venturi	55 Gallon 2 Venturi ²	55 Gallon Flammable
Part #, dry only/ULPA	340.87506.01	340.87515.03	340.87530.01	340.87555.01	340.87255.01	N/A
Part #, wet/dry	340.70506.01	340.70515.01	340.70530.01	340.70555.01	340.70255.01	340.87355.01
Dry Capacity	.46ft ³ (.01m ³)	1.86ft ³ (.05m ³)	3.72ft ³ (.10m ³)	7.164ft ³ (.20m ³)	7.164ft ³ (.20m ³)	7.164ft ³ (.20m ³)
Wet Capacity	3.5 Gal (13ltr.)	10.0 Gal (38ltr.)	20.0 Gal (76ltr.)	45 Gal (170ltr.)	45 Gal (170ltr.)	45 Gal (170ltr.)
Static Lift	180" (4572mm)	180" (4572mm)	180" (4572mm)	180" (4572mm)	180" (4572mm)	180" (4572mm)
Air Flow	166 cfm	166 cfm	166 cfm	182 cfm	364 cfm	182 cfm
Air Line	1/2" (1.2 cm)	1/2" (1.2 cm)	1/2" (1.2 cm)	1/2" (1.2 cm)	3/4" (1.9 cm)	1/2" (1.2 cm)
Input Pressure	100 psi	100 psi	100 psi	100 psi	100 psi	100 psi
Input Volume	37 cfm	42 cfm	42 cfm	46 cfm	91 cfm	46 cfm
Venturi	Single	Single	Single	Single	Twin	Single
Hose Connection	1/2" quick	1/2" quick	1/2" quick	1/2" quick	3/4" quick	1/2" quick
Wheel Size, front	N/A	3"	5"	5"	5"	5"
Wheel Size, rear	N/A	8"	5"	5"	5"	5"
Weight	27 lbs.	51 lbs.	98 lbs.	122 lbs.	127 lbs.	181 lbs.

¹Specifications subject to change without notice
²The 55-gallon, dual Venturi model is available with HEPA filtration
³Denotes the volume in cubic units – feet (meters)



340.902

Dominator – 6 Gallon Electric Vacuum

ULPA-filtered vacuum for recovery of lead, dust, paint chips and other hazardous materials. Designed for safe, efficient daily use in commercial and industrial sites. Dry recovery vacuums deposit debris directly into a disposable bag.

- ULPA (ultra low penetration air) filter is 99.999% efficient @ 0.12 microns
- Non-woven polyester filter bar provides 50% more filtration area
- Acoustically designed to minimize noise down to 74 dba
- Durable, non-corrosive stainless steel tank
- Power cord, 50'
- Hose, 1.5" x 10', crush resistant with swivel cuff

Specifications:

Water Lift	85"
Airflow	110 cfm
Weight	17 lbs.
Tank Capacity	6 gal
Power, Circuit Required	110 v/15 amp

Dominator II – 15-30-55 Gallon Electric Vacuums

The Desco Dominator II series vacuum offers industrial performance with a variety of tank sizes. Offered in either a critical filtration or wet/dry configuration.

- ULPA (ultra low penetration air) filter is 99.999% efficient @ 0.12 microns
- Four-stage filtration system includes filter protector, washable cloth filter, pre-filter sleeve and ULPA filter
- Wet/dry configuration with automatic air flow shutt off when tank is full
- Rugged design, easy-to-maneuver tank with heavy-duty industrial dolly
- Indicator light on lid assembly alerts operator when filters require servicing
- Power cord, 50'
- Hose, 1.5" x 10', crush resistant with swivel cuff

Specifications:

Water Lift	105"
Airflow	115 cfm
Power, Circuit Required	110 v/15 amp

Configurations:

Tank Size	Weight	Part Number	
		Critical Filtration	Wet Dry
15 Gal.	51 lbs.	340.839105.15	340.39105.15
30 Gal.	90 lbs.	340.839105.30	340.39105.30
55 Gal.	104 lbs.	340.839105.55	340.39105.55



Dominator III – 55 Gallon Electric Vacuum

The Desco Dominator III vacuum offers exceptional performance in a large-capacity vacuum. Offered in either a critical filtration or wet/dry configuration.

- Dual motors create an exceptional 200 cfm airflow
- ULPA (ultra low penetration air) filter is 99.999% efficient @ 0.12 microns
- Four-stage filtration system includes filter protector, washable cloth filter, pre-filter sleeve and ULPA filter
- Wet/dry configuration with automatic air flow shutt off when tank is full
- Rugged design, easy-to-maneuver tank with heavy-duty industrial dolly
- Power cord, 50' for *each* motor, allows operator to power from separate circuits to avoid circuit breaker issues
- Hose, 1.5" x 10', crush resistant with swivel cuff

Specifications:

Water Lift	105"
Airflow	200 cfm
Weight	130 lbs.
Tank Capacity	55 gal
Power Required (11 amp per motor/cord).....	110 v/22 amp

Configurations:

ULPA/Critical Filtration.....	340.81455.05
Wet/Dry.....	340.25055.21



Aggressor Series

120 Volt Cold Water, High Pressure Washers

Ruggedly built, electric motor driven, industrial grade, cold water pressure washer for continuous duty service for light to medium cleaning tasks.

Features:

- Wash / rinse cycles controlled at the wand
- Automatic detergent injection system
- 25 feet of 3/8", double braided pressure hose

Specifications:

Pressure	1,000 psi
Flow rate	2.2 gpm
Motor	1.5 hp, 120 volt
Chemical system	Siphon injector, optional pressure system
Hose .....	.25'x 3/8" hose with quick disconnects
Weight	106 lbs.



Bigfoot Series

Electric & Gasoline Cold Water, High Pressure Washers

Bigfoot 3EB: Electric cold water, high pressure, direct drive with triplex ceramic plunger oil bath pumps.

Specifications:

Pressure	2,500 psi
Flow rate	4.0 gpm
Motor	7.5 hp, 440 volt, 3 phase
Hose .....	.25'x 3/8" hose with quick disconnects
Dimensions	H 27" W 23" L 43"
Weight	240 lbs.

Bigfoot 2: Gasoline cold water, high pressure, direct drive with electric ignition and, ceramic plunger oil bath pumps (475.003).

Specifications:

Pressure	2,200 psi
Flow rate	3.5 gpm
Motor	8 hp
Hose .....	.25'x 3/8" hose with quick disconnects
Dimensions	H 19" W 34" L 24"
Weight	125 lbs.



Tempest Series

Oil Fired Hot or Cold Water, High Pressure Washer

Tempest 1: Triplex ceramic plunger oil bath pumps with high efficiency air atomizing oil burners. Uses kerosene, #1 oil, #2 oil, or diesel fuel.

Specifications:

Pressure	1,000 psi
Flow rate	2.0 gpm
Motor	1.5 hp
Fuel tank	5 gal
Hose .....	.50'x 3/8" hose with quick disconnects
Dimensions	H 28" W 32" L 42"
Weight	283 lbs.





Actual Size

Flow Rating:
150 cfm @ 100psi

1/2" Hanson Type Industrial Quick-Connect Fittings

Body Plugs

End Size		Part No.
1/4"		500.162
3/8"		500.163
1/2"		500.164

Male NPT

End Size		Part No.
1/4"		500.165
3/8"		500.166
1/2"		500.167

Female NPT




End Size		Part No.
3/8"		500.168
1/2"		500.169
3/4"		500.170

Hose Shank




Body Sockets

End Size		Part No.
1/4"		500.171
3/8"		500.172
1/2"		500.173

Male NPT

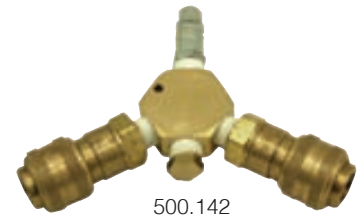
End Size		Part No.
3/8"		500.174
1/2"		500.175
3/4"		500.176

Female NPT

End Size		Part No.
3/8"		500.177
1/2"		500.178
3/4"		500.179

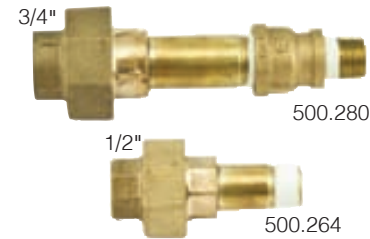
Hose Shank

Y Gate



500.142






US Navy Brass Union







500.280

500.264

Chicago Pneumatic Air Fittings

End Size		Part No.
1/4"		500.194
3/8"		500.195
1/2"		500.196
3/4"		500.197
1"		500.198

Male NPT

End Size		Part No.
1/4"		500.204
3/8"		500.205
1/2"		500.206
3/4"		500.207
1"		500.208

Female NPT

End Size		Part No.
1/4"		500.199
3/8"		500.200
1/2"		500.201
3/4"		500.202
1"		500.203

Hose End Coupling

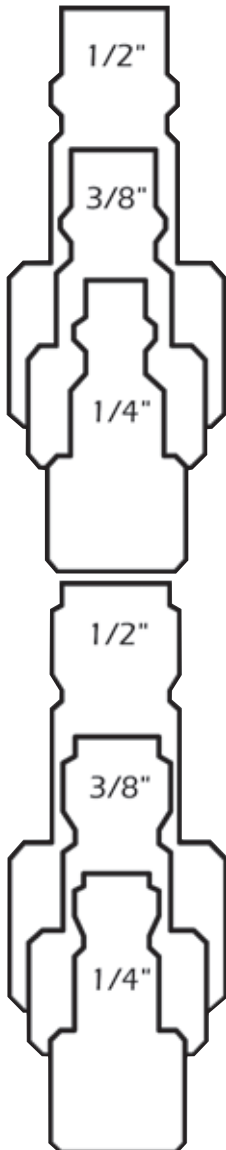
End Size		Part No.
1/2"		500.120

Crowsfoot to QD Adapter

"Wonder Wand" Blow-Down Tool

The Desco "Wonder Wand" is used for over-head applications and padeyes on US Navy ships. It is also used in commercial applications for blowing down I-beams and other hard-to-reach places.

180.160



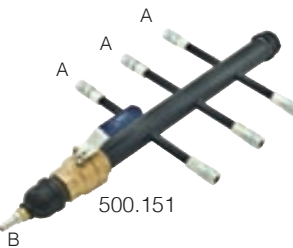
Air Manifolds

Quick disconnects are the easy and efficient way to set up all air systems. With Desco manifolds and air hoses, any set up is possible. Just select the 1/2" air fittings of your choice for "A". "B" is supplied as a 3/4" male threaded pipe.

5 Outlet Volume Manifold



500.538



500.151

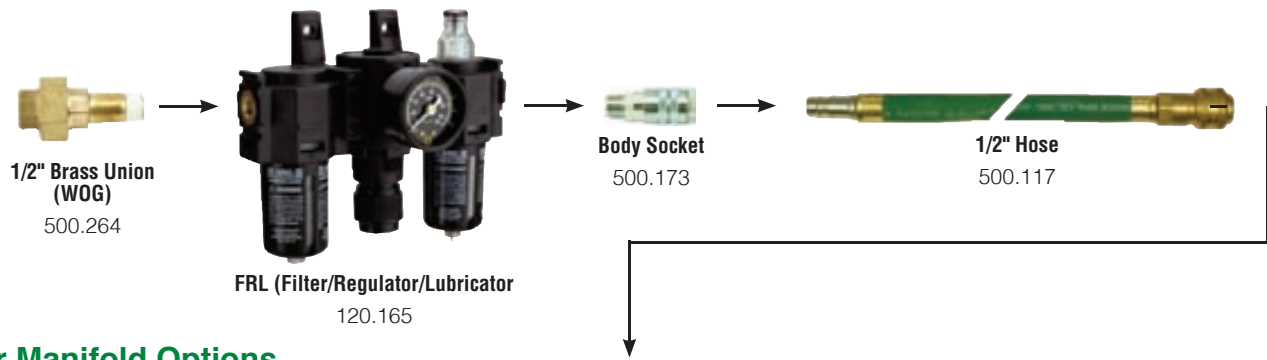
Large Body Quick Disconnect Air Hose Assemblies



1/2" Air Hose
500.117



3/4" Air Hose
500.118

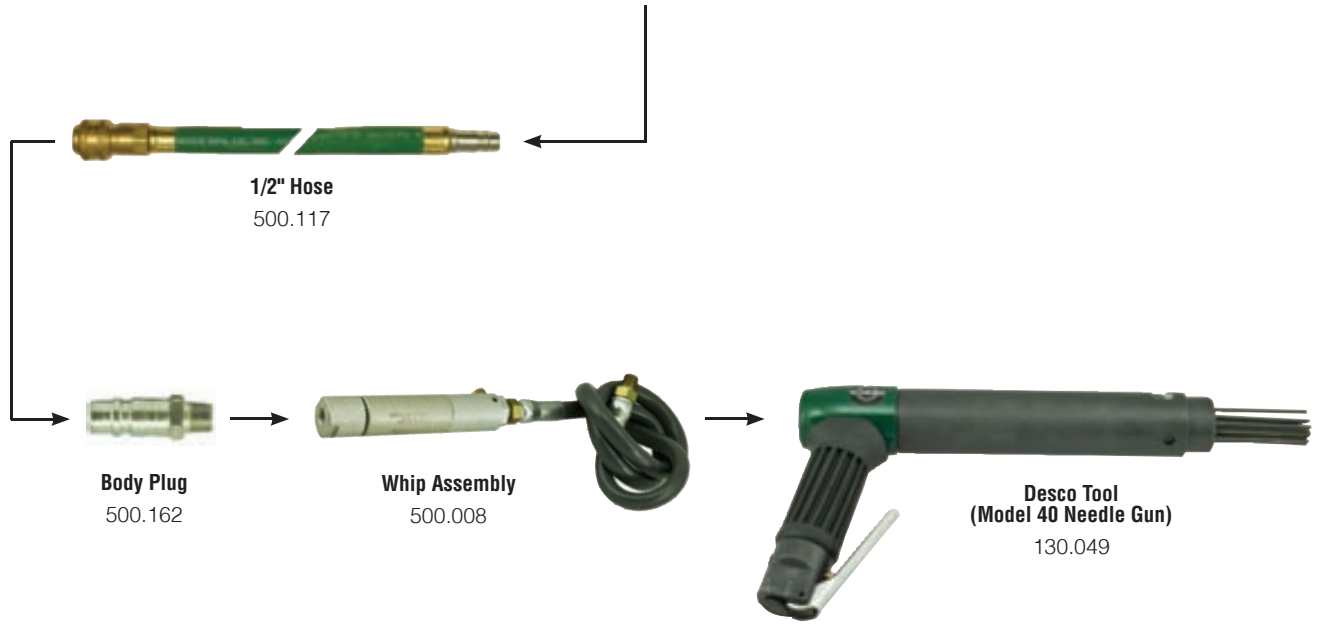


Air Manifold Options

Y-Gate
500.142

Manifold
500.151

3-Way Manifold
500.540





460.001

4233 Series 33:1

The 4233 33:1 spray system is compact and lightweight with more than enough volume for one painter. The 4233 system is complete and ready-to-go to tackle your most demanding painting job. The 4233 is designed to be used with light to medium viscosity coatings such as stains, lacquers, varnishes, sealers, latex and oil based enamels and other finishing materials. Complete systems include: 1/4" x 50' airless spray hose, spray gun with reversible tip and guard, regulator, air filter / moisture separator, in-line lubricator and cart.

Specifications:

Maximum tip size .....	.019 tip
Delivery .....	.43 gpm
Fluid pressure	3,828 psi
Maximum inlet air pressure	116 psi
Weight	60 lbs.



460.002

6530 Series 30:1

The 6530 30:1 spray system is compact and lightweight with enough volume for one painter. The 6530 system is complete and ready-to-go to tackle your most demanding painting job. The 6530 is designed to be used with medium viscosity architectural and protective coatings. Complete systems include: 1/4" x 50' airless spray hose, spray gun with reversible tip and guard, regulator, air filter / moisture separator, in-line lubricator and a heavy duty cart.

Specifications:

Maximum tip size .....	.023 tip
Delivery .....	.67 gpm
Fluid pressure	3,528 psi
Maximum inlet air pressure	116 psi
Weight	80 lbs.



460.003

2824 Series 64:1

The 2824 64:1 spray system is a heavy duty unit with enough volume to support 1 to 3 painters. The 2824 system is complete and ready-to-go to tackle your most demanding painting job. The 2824 64:1 spray system is also packed with enough pressure and volume to handle the harder-to-atomize coatings such as sprayable mastics, urethanes, and bonding cements. Complete systems include: 1/4" x 50' airless spray hose, spray gun with reversible tip and guard, regulator, air filter / moisture separator, in-line lubricator and a heavy duty cart.

Specifications:

Tip size	1 gun to .047 tip
	2 guns to .033 tip
	3 guns to .027 tip
Delivery	2.4 gpm
Fluid pressure	6,586 psi
Maximum inlet air pressure	116 psi
Weight	235 lbs.

440 Series

The 440 spray system is a great sprayer to use on smaller jobs. Typical applications include painting houses, cabins, fences and decks. The 440 sprays stain, lacquer, enamels, oil-based and latex paints. Complete systems include: 1/4" x 50" hose, LX 80 gun with a 517TR1 reversible tip and guard.

Specifications:

Tip size	1 gun to .022
Delivery .....	.54 gpm
Fluid pressure	3,300 psi
Hose	300' max - depending on coating
Extension cord	300' max, 12-gauge awg
Power requirements	120 volts, 60 hz, single phase
Motor	7/8 hp DC
Weight	35 lbs.



460.004

640 Series

The 640 spray system is for every day use on apartments, houses, and light commercial structures. Notice an increase in performance and spraying output with a lightweight unit. The 640 sprays stains, lacquers, enamels, oil and water-based paints. Complete systems include: 1/4" x 50" hose, LX 80 gun with a 517TR1 reversible tip and guard.

Specifications:

Tip size	1 gun to .024
Delivery .....	.70 gpm
Fluid pressure	3,300 psi
Hose	300' max - depending on coating
Extension cord	300' max, 12-gauge awg
Power requirements	120 volts, 60 hz, single phase
Motor	1.55 hp Titan Unirec
Weight	69 lbs.



460.005

740 Series

The 740 spray system is an ideal airless unit for residential and light commercial applications. The 740 sprays stains, lacquers, enamels, oil and water-based paints. Complete systems include: 1/4" x 50" hose, LX 8077 gun with a 517TR1 reversible tip and guard.

Specifications:

Tip size	1 gun to .027
Delivery .....	.80 gpm
Fluid pressure	3,300 psi
Hose	300' max - depending on coating
Extension cord	300' max, 12-gauge awg
Power requirements	120 volts, 60 hz, single phase
Motor	2.0 hp Titan Unirec
Weight	99 lbs.



460.006

Proposal / Order Form



Date Ordered: _____ Date Required: _____
Ordered by: _____
Company: _____
Customer #: _____ P.O. #: _____
Phone #: _____ Fax #: _____

Invoice:

Ship To:

Shipping Information: FedEx UPS Other Select one: Regular Ground 2 Day Next Day Priority

Quantity	Part #	Description	Unit Price	Extension

Comments

Fax this form to 949.858.9141 or mail to 23031 Arroyo Vista, RSM, CA 92688

Warranty

Desco tools have been carefully tested and inspected before shipment and are warranted to be free from any defects in materials and workmanship for a period of six months from the date of purchase. Should trouble develop, return the complete tool prepaid to Desco Mfg. Co., Inc. If inspection shows defective material or workmanship, Desco will repair the tool without charge during the warranty period. Proof of purchase may be required. This warranty does not apply to normal wear and tear, and does not cover any damages caused by careless or unsafe handling, alteration, accidents, misuse, or repair attempted or made by personnel other than Desco Manufacturing Company. This warranty applies in lieu of any other warranties expressed or implied and variations of its terms are not authorized.



Desco Manufacturing Company, Inc.

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