



TITAN®

FINE FINISHING EQUIPMENT



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WHY TITAN FINE FINISH EQUIPMENT?

Whether it's intricate woodwork, cabinetry and furniture or metal railings, piping and lockers, fine finishing is a big step up from ordinary coating applications, one that requires power, precise control and absolute dependability. For these reasons, professionals rely on Titan fine finishing sprayers and equipment. Backed by the most powerful warranty in the industry, our sprayers incorporate the durability and reliability you depend on to get finishing projects done quickly and perfectly the first time. Whether your applications include touch-ups, occasional woodwork finishing or full-scale industrial jobsite or workshop projects, we have fine finishing sprayers and equipment designed and built for your needs.

ADVANCED PERFORMANCE

- Our Fine Finish sprayers, guns and equipment are built for hard work and long life
- The latest engineering technology ensures ease of use and dependability
- Our Fine Finish sprayers meet and exceed the expectations of professionals who want to do the job right the FIRST time

TOTAL RELIABILITY

- Proven technology – you finish every project quickly and profitably
- Superior design and construction maximizes the service life of your fine finish system
- Complete diversity – we have the right equipment for every fine finishing application
- Half a century of getting the job done right – TITAN is the name you trust

UNSURPASSED SERVICE

- Dependable, reliable network of authorized sales and service distributors
- The best customer service in the industry to help you select and maintain your Fine Finish sprayers, guns and equipment
- Professional application and service representatives ready to assist you with recommendations and technical support

THE BEST & LONGEST WARRANTY IN THE INDUSTRY

When you purchase TITAN Fine Finish sprayers or equipment you purchase performance. We stand behind that assurance and are so confident in the quality of our fine finishing equipment that we offer the best and longest warranties in the industry, including:

- 4-Year Manufacturer's Defects
- 35-Day Satisfaction Guarantee
- Express Parts Program
- WearGuard™ Convenience Program

CABINETS AND FURNITURE



The most critical of all fine finishing applications – where perfection meets performance and there is no room for error.

WOODWORK AND TRIM



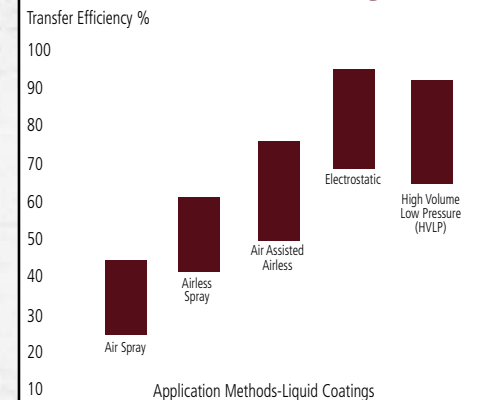
The right fine finish sprayer lets you zip through woodwork and trim in a fraction of the time it takes to finish by hand.

PRODUCTION SCALE & SHOP WORK



Time is money and speed is profit. That's why serious professionals choose Titan.

Transfer Efficiency %



Note: Transfer efficiencies may vary according to the operator and equipment condition. This chart gives broad ranges only

CAPSPRAY Systems are fully capable of complying with:
 C.A.R.B. (California Air Resource Board)
 SCQMD (South Coast Air Quality Board)

O.T.C. (Ozone Transport Commission)
 E.P.A. (Environmental Protection Agency)
 H.V.L.P. Regulating

FLEXSPRAY™

The FlexSpray puts the power of airless and the control of HVLP into one versatile sprayer creating the first multi-tool for painting professionals. FlexSpray's advanced technology was developed for professionals who spray a variety of coatings with multiple applications. Just pull the trigger and your Interior, Exterior or Fine Finishing project will finish with ease.

- Productivity of an airless using a 413 tip
- Provide a professional HVLP-style finish
- Spray heavy-bodied coatings with precision
- 10x the life of a handheld airless sprayer



Variable speed engine turbine creates atomization power equal to a 4-stage HVLP and the production equal to an airless using a 413 tip.



FEATURES:

- Quickly changes from a horizontal to vertical pattern
- Pattern width from 1 to 14 inches
- FlexFinish™ nozzle allows for greater control of material and air flow
- Quick change system. Change your coating or application on the fly
- Metal gun with soft grip handle
- Ergonomic handle makes it comfortable to carry
- Onboard gun and hose storage
- 1 quart stainless steel cup
- 25 ft air hose
- Easy to clean



(1) Delivering a unique combination of air and material, the (2) patented FlexFinish™ Slot Nozzle gives the power to spray (3) unthinned coatings like latex and enamel at high speed with little overspray.



The revolutionary Quick Change System allows you to change coatings and applications in a snap. It's as easy as 1, 2, 3 to change from the high production FlexFinish front end to the precise FineFinish front end.

FLEXSPRAY

Max. Delivery:	Up to .20 GPM
Air Pressure:	Adjustable Air Flow and Material Volume
Unit Weight:	19 lbs
Front End Weight:	1.15 lbs
Powersource:	120 Volts, 60 hz, 11.7 Amp
P/N#:	0524085

FLEXFINISH™ FRONT END

Sprays multiple coatings

Recommended coatings:

- Latex
- Enamel
- Acrylic
- Multi-color
- Stain
- Lacquers
- Urethanes

P/N: 0529009



FINEFINISH™ FRONT END

Optimized for low viscosity coatings

Recommended coatings:

- Stain
- Lacquers
- Urethanes

P/N: 0529008



CAPSPRAY™ SERIES

HVLP Sprayers

Woodworking, cabinetry and furniture finishing projects require the performance that only TITAN CAPSPRAY can deliver. These lightweight, portable, low overspray HVLP sprayers are the turbine powered equivalent of paint brushes; designed and manufactured to apply a broad range of fine finish coatings—from stains to paint—with speed and pinpoint precision. After three decades of dependable performance in the field and workshops around the world, CAPSPRAY series HVLP sprayers and equipment have earned a reputation as the best in the industry.

What sets Titan CAPSPRAY apart from the others?

POWER: The ability to atomize heavy, viscous coatings without thinning while achieving transfer efficiencies as high as 90%

VERSATILITY: Apply a wide range of materials, from the thinnest stains to latex and texture finishes

PORTABILITY: Compact, lightweight design makes these HVLP sprayers easy to transport and store. All units run on 15A service

Intelligent Design:

- Dual air filters (CS75) – Includes pre-filter on both sides of the unit
- Dual air filtration uses an automotive quality air filter on the atomizing air side (CS95, CS105, CS115) – Includes pre-filters on both sides of the unit
- Built in cup & gun holder and docking station for optional Transfer Pump accessory
- Tool box for needles, nozzles, check valve and nozzle wrench
- Dirty filter warning light
- Patent Pending sound reduction technology

Titan—The first and last name in fine finishing equipment

CAPSPRAY™ 75

Ideal for medium residential or commercial jobs, the 3-stage Capspray 75 will handle enamel and multi-color coatings in addition to stains, sealers, light-body varnishes, shellac and lacquer.

- Comes with #3 Proset

Ideal for mid-level projects where speed and reliability are essential.



FINE POROSITY FOAM MAIN FILTER FOR GUN ATOMIZING AIR

CS75 units have dual filtration; separate filters for the motor cooling air and gun atomizing air. Pre-filters are installed on both sides in front of the main filter to extend life and to simplify cleaning and replacement.



TOOL BOX

All models include a convenient built-in tool box for needles, nozzles, air caps and nozzle wrench.

CAPSPRAY 75

Air Pressure	7.5 PSI
Turbine	3-Stage Tangential
Hose Length	25'
Gun Included	Maxum II
Proset	#3
Weight	20.5 lbs
P/N	0524031



CAPSPRAY™ 95

As business grows, so does the size of the projects. When more power is needed, professionals rely on the CAPSPRAY 95, a powerful, versatile 4-stage turbine unit designed to apply a wide range of coatings, from ultra-thin stains to heavy latex paint. This sprayer includes state-of-the-art atomizing air filtration for best finish quality, plus a longer air hose and more advanced noise control for extended use.

• Comes with #3 Proset

Recommended for medium-size residential and commercial projects that require more versatility and higher production speeds.

CAPSPRAY™ 105

Larger projects involving heavier-bodied coatings require the 5-stage power and long-term dependability of the CAPSPRAY 105, a solid – but remarkably lightweight – workhorse HVLP capable of atomizing thick latex or solvent-based paints, enamels or varnishes with little or no thinning. This is the sprayer professionals use when projects expand or workshops fill with cabinets and furniture.

• Comes with #3 and #4 Prosets

Recommended for larger residential and commercial projects where specifications call for a variety of light and heavy-bodied coatings.



AUTOMOTIVE QUALITY ATOMIZING AIR FILTER
CAPSPRAY 95-115 units have dual filtration; separate filters for the motor cooling air and gun atomizing air. Pre-filters are installed on both sides in front of the main filter to extend life and simplify cleaning and replacement.



AUTOMOTIVE QUALITY ATOMIZING AIR FILTER
CAPSPRAY 95-115 units have dual filtration; separate filters for the motor cooling air and gun atomizing air. Pre-filters are installed on both sides in front of the main filter to extend life and simplify cleaning and replacement.



CAPSPRAY 105 w/ Maxum II Gun

CAPSPRAY 95

Air Pressure	9.5 PSI
Turbine	4-Stage Tangential
Hose Length	30'
Gun Included	Maxum II
Proset	#3
Weight	21.0 lbs
P/N	0524032

CAPSPRAY 105

Air Pressure	10.5 PSI	10.5 PSI
Turbine	5-Stage Tangential	5-Stage Tangential
Hose Length	30' + 5' Whip	30' + 5' Whip
Gun Included	Maxum Elite	Maxum II
Additional Prosets	#4	#4
Weight	22.0 lbs	22.0 lbs
P/N	0524033	0524098



CAPSPRAY™ 115



GRAVITY CUP GUN ASSEMBLY WITH STAND

P/N 0524045

This revolutionary, 6-stage portable turbine spraying system is the only turbine ever to achieve full HVLP capability. It combines quiet operation and high air cap pressure for the finest atomization possible. CAPSPRAY 115 will apply nearly all fine finish coatings with little to no reduction.

- Delivers the most powerful atomization in the industry
- Wider fan patterns with speed and control to finish surfaces cleanly and perfectly the first time
- High and low speed settings for 6-stage performance or 4-stage performance
- A wide range of needle and nozzle offerings to apply everything from stains and varnishes to latex and texture finishes
- Comes with a #3, #4 and #5 Prosets

Designed for long-term, heavy-duty use both in the field and in the shop. Recommended for fine finishing professionals and contractors with the most demanding finishing projects.



Atomizing air intake

Cooling air intake

Atomizing air to hose and gun



CAPSPRAY 115 w/ Maxum II Gun

AUTOMOTIVE QUALITY ATOMIZING AIR FILTER

CAPSPRAY 95-115 units have dual filtration; separate filters for the motor cooling air and gun atomizing air. Pre-filters are installed on both sides in front of the main filter to extend life and simplify cleaning and replacement.

CAPSPRAY™ HVLP TRANSFER PUMP

Designed for extended use on jobs where frequent quart cup refilling is not desirable. Recommended for fine finishing professionals and contractors with serious finishing projects.

- Pumps directly out of containers for continuous painting applications
- 4 pumping speeds with an adjustable pressure control
- Pumps stains to interior latex
- Eliminates the need for a quart cup
- Includes suction and return tubes, 30' paint hose, and filter
- Fits directly into the CAPSPRAY 75, 95, 105, or 115



*Turbine sold separately.

HVLP POWER CART

Ideal for jobs where mobility from one application area to another is critical to the speedy completion of the project.

- Auto Shut-Off for quiet operation, lower heat, greater efficiency and longer operating life
- Positive lock mechanism for easy mounting of all CAPSPRAY turbine units
- Solid polymer/steel construction combines strength and light weight
- 2.5 gallon pressure pot is powder-coated and equipped with regulator and gauge
- Telescoping handle with hose wrap for easy storage of air and fluid hose
- Pot liners available for easy clean up



2 QT REMOTE CUP

The CAPSPRAY Remote Cup System enables you to increase spraying time between refills without adding the cost and weight of a bulky air compressor.

- Doubles the reservoir capacity of standard HVLP guns
- Reduces fatigue by removing the weight of the coating material from the gun
- Easier to paint inside cabinets and other hard to reach areas
- Elimination of the spray cup allows for upside down spraying
- Weighs less than competitive two quart systems that require an external compressor



*5' Air Whip Hose sold separately.

CAPSPRAY 115

Air Pressure	11.5 PSI	11.5 PSI
Turbine	2-Speed, 6-Stage Tangential	2-Speed, 6-Stage Tangential
Hose Length	30' + 5' Whip	30' + 5' Whip
Gun Included	Maxum Elite w/#3 Proset (Includes gravity cup and pressure cup)	Maxum II w/#3 Proset (Includes pressure cup only)
Additional Prosets	#4, #5	#4, #5
Weight	23.0 lbs	23.0 lbs
P/N	0524034	0524099



HVLP TRANSFER PUMP POWER CART

Max. Fluid Pressure	35 PSI (2.4 MPa)
Max. Fluid Flow	20 oz / min
Flushing Flow Rate	40 oz / min
Unit Weight	3.3 lbs (1.5 kg)
Max. Hose Length	30' (9.1 m)
P/N	0524038

Pressure Pot Size	2.5 gal
Max. Hose Length	30'
Compressor	1/5 HP
Unit Weight	72 lbs
P/N	0524000
Accommodates all Capspray units	

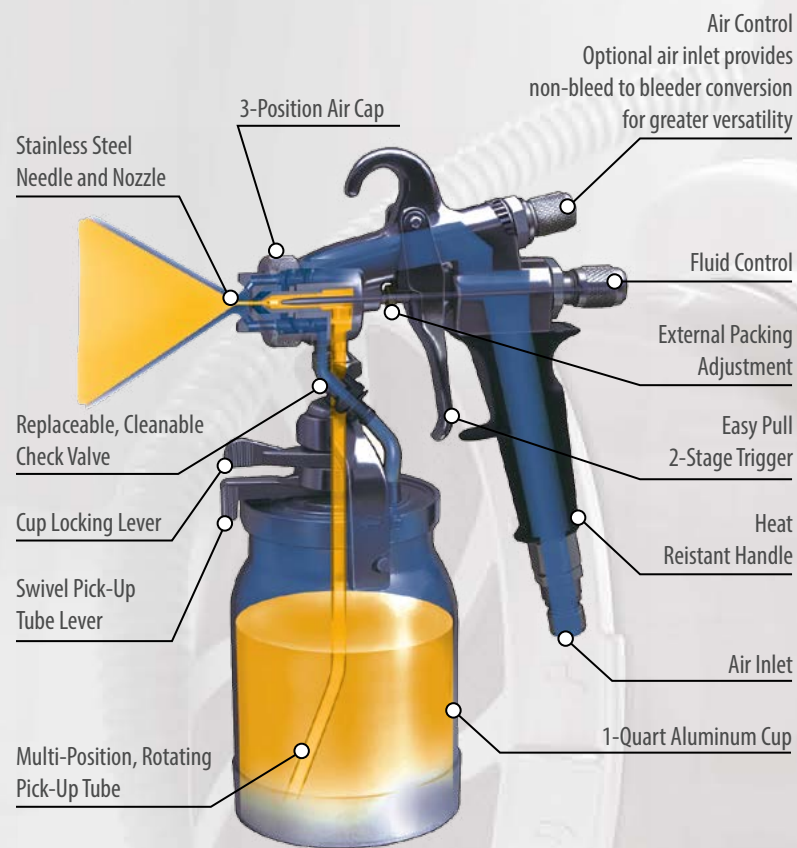
2 QT REMOTE CUP

Hose, Fluid	5'
Powered by	Capspray 75/95/105/115
Cup Size	2 qt
P/N	0524203
*Must purchase 5' Air Whip Hose for Capspray 75/95. (Air Whip Hose included with Capspray 105/115)	
Air Whip Hose	P/N 0524405A

MAXUM II GUN

Designed for maximum control and pinpoint-accurate coating delivery, the Maxum II is an excellent choice for contractors and finishing professionals that need a precise fine finishing tool.

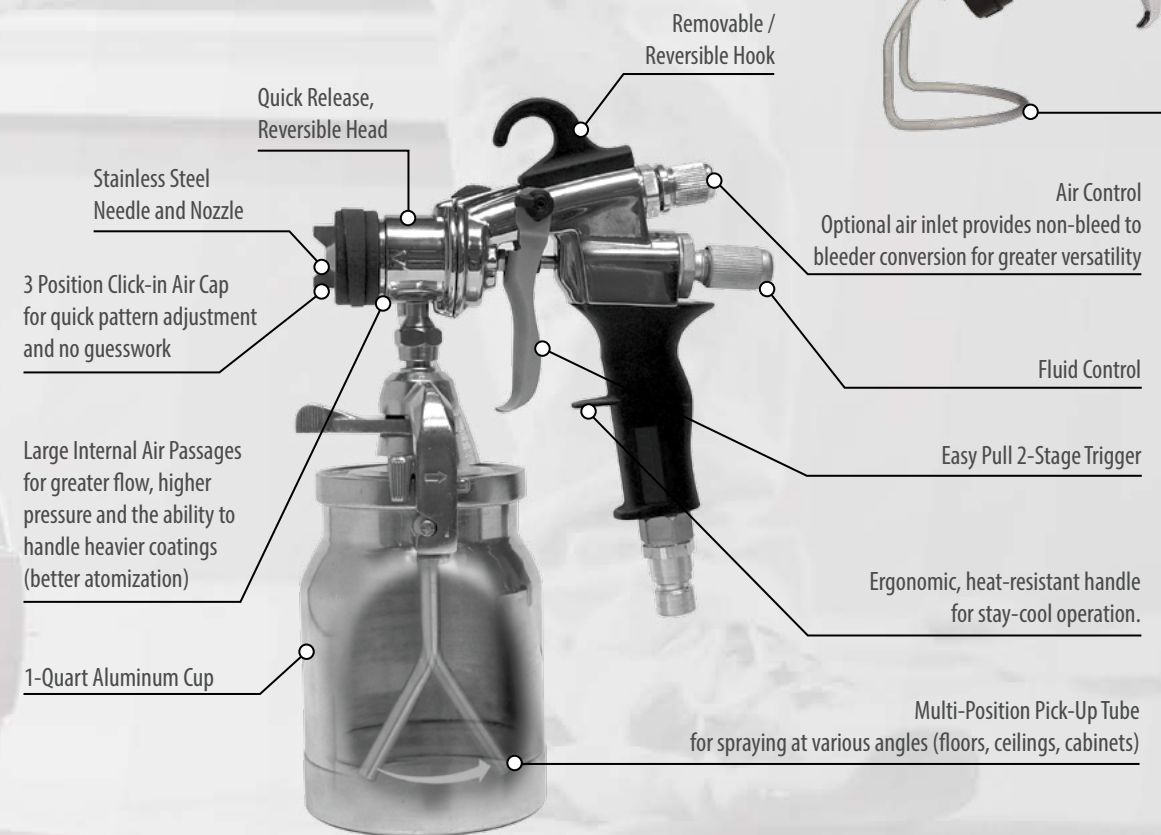
- Ability to convert from non-bleeder to bleeder gun
- Comes standard with a #3 Proset (Needle set)



MAXUM ELITE GUN

The Maxum Elite gun is designed for contractors and finishing professionals that expect flawless results with the versatility to use gravity or siphon fed cup gun.

- Removable and reversible fluid chamber design enables use with standard pressurized cup and pressurized gravity cup
- Indexed air and fluid controls for easy use
- Fluid needle stays with packing and head assembly for color and tip size changes—allows for easier storage and clean up
- Integrated check valve in gun head
- Comes standard with a #3 Proset (Needle set)

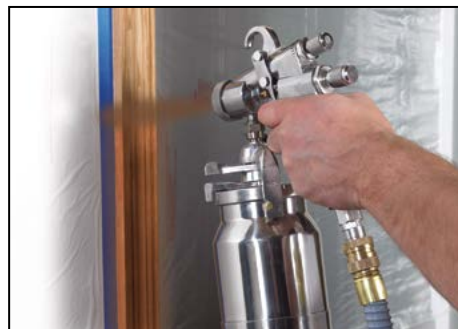


Front End Accessory

MAXUM II GUN

Pressure Fed 1 Quart Cup

P/N 0524041



MAXUM ELITE GUN

Pressure Fed 1 Quart Cup

P/N 0524027

Gravity Gun with Stand

P/N 0524052

Front End Accessory with #3 Proset

P/N 0524073

Front End Accessory with #4 Proset

P/N 0524074

Gravity Cup Accessory with stand

P/N 0524045



CAPSPRAY ACCESSORIES

GUNS AND PROJECTOR SETS

Maxum Guns	P/N
Maxum Elite Gun with 1-Qt. Cup	0524027
Maxum Elite Gun with Gravity Cup	0524052
Maxum II Gun with 1-Qt. Cup	0524041
Maxum II Projector Sets	P/N
#2 Pro Set (Fine Finish)	0276254
#3 Pro Set (All-Purpose)	0276227
#4 Pro Set (High Output)	0276228
#5 Pro Set (High Output)	0276229
#6 Pro Set (High Output)	0276245
#7 Pro Set (Highest Output)	0524211
Maxum Elite Projector Sets	P/N
#2 Pro Set (Fine Finish)	0524293
#3 Pro Set (All-Purpose)	0524294
#4 Pro Set (High Output)	0524295
#5 Pro Set (High Output)	0524296
#6 Pro Set (High Output)	0524297
#7 Pro Set (Highest Output)	0524298

ACCESSORIES

Pressure Pots and Accessories	P/N
2.5 Gallon Pressure Pot Liner (Ea.)	0275702
2.5 Gallon Pressure Pot Liner (12-Pack)	0295272
Solvent Resistant Gasket	0508943
Cups and Accessories	P/N
1-Qt. Cup Assembly w/Swivel Tube	0277183
1-Qt. Replacement Cup	0275573
2-Qt. Remote Cup System (complete)	0524203
Air-tight Lid for Paint Cups	0508124
Cup Assembly without Swivel Tube	0275247
600 ml HVLP Top Feed Gravity Cup Assembly w/Stand	0524045
Maxum Elite Front Ends	P/N
1-Qt. Cup Assembly w/Swivel Tube and Elite Gun Front End, #3 Pro Set	0524073
1-Qt. Cup Assembly w/Swivel Tube and Elite Gun Front End, #4 Pro Set	0524074
Hoses and Fittings Air Hose	P/N
20' x 3/4" Flex Air Hose	0275276
25' x 3/4" Flex Air Hose	0275277
30' x 3/4" Flex Air Hose	0277337
30' Air Hose	0295689
5' x 3/4" Air Whip Hose	0524405A
2-Gun Air Hose Adapter	0275286
30' x 3/8" Material Hose	0277348
Quick Disconnect (F) Turbine	0275625

MAINTENANCE & REPAIR KITS

Maintenance Kits (Maxum II Gun)	P/N
Deluxe Kit	0279941
Standard Kit	0279942
Maintenance Kits (Maxum Elite Gun)	P/N
Deluxe Kit	0524189
Standard Kit	0524188
Transfer Pump Kits/Parts	P/N
Piston/Piston Seal Kit	0524178
Valve Replacement Kit	0524194
Siphon Tube	0524945
Return Tube	0524946
Fuse, 400mA	0522436
Gun Repair Kits/Parts	P/N
Replacement Check Valve Assemblies (3-Pack)	0297051
Check Valve Seals (10-Pack)	0276257
Gun Repair Kit for Maxum II Gun	0277943
Gun Repair Kit for Maxum Elite Gun	0524187
Spring Plate Assembly	0275250
Gun Repair Kit for 3100 Gun (Siphon & Pressure Fed)	0550985
Gun Repair Kit for 3100 Gun (Gravity Fed)	0552916
Cup Gaskets	P/N
White 1-Quart Cup Gaskets Hot Solvents (6-Pack)	0297052
White 2-Quart Cup Gaskets Hot Solvents	0524337
Replacement Filters	P/N
Air Filter Kit for CS10,000 (6-Pack)	0295274
Air Filter Kit (pleated) CS95, 105, 115	0524523A
Air Filter Kit, 45 PPI, Black (Motor Cooling Main Filter) CS75, 95, 105, 115	0524528A
Air Filter Kit, 65PPI, Green (Atomizing Air Main Filter) CS75	0524528A
Pre-Filter Kit (contains2) CS55, 75, 95, 105, 115	0524526A

TEXTURE HOPPER GUN & ACCESSORIES

Item	P/N
Capspray PowerTex Gun	0524039
CS PowerTex Hopper with O-ring	0520206
CS PowerTex Air Adj. Valve	0524966
Air Hose Adapter Assembly	0520211
CS PowerTex Nozzle Kit	0524567

FINE FINISH ACCESSORIES

MOISTURE EXTRACTOR

- Filter
- Regulator
- Air valve
- Air inlet - 1/2" NPT
- Regulator capacity - 50 CFM
- Filter capacity - 120 CFM
- Filtered main line outlet included with 200 lbs pressure gauge
- 160 lbs regulator with pressure gauge and inverted air valve
- 10 microns filtration
- Two additional air outlets 3/8" NPT usable with filter element
- Very efficient while removing contaminated water or oil



Single Outlet	P/N 0550960
Dual Outlet	P/N 0550959
Filter Element	P/N 0552912

CUP GASKETS

2 Quart	P/N 0550955
2.5 Gallon	P/N 0552308
Gravity 5 pk	P/N 0552918
Mini Gravity cup 5 pk	P/N 0552920



PRESSURE POT LINERS

2.5 Gallon	P/N 0552353
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AIR AND FLUID HOSES

25' x 3/8" Air (red)	P/N 0550893
30' x 3/8" Air (red)	P/N 0295689
50' x 3/8" Air (red)	P/N 0550891
25' x 1/4" Fluid (black)	P/N 0550894
30' x 1/4" Fluid (black)	P/N 0277348
50' x 1/4" Fluid (black)	P/N 0550892
30' x 3/8" Fluid (black)	P/N 0277348
50' x 3/8" Fluid (black)	P/N 0275281
4' Twin Hose	P/N 0552302
25' Bonded Hose	P/N 0552303
50' Bonded Hose	P/N 0524333
4' 6" Air Hose	P/N 0550860
5' Fluid Hose	P/N 0550861



MASTER KIT WITH CASE

- 6 pc Precision Needle Set
- Handle for Precision Needle
- Handle for Detail End Brush
- Paint Gun Lube, 30 ml
- 3 pc Detail End Brush (1/4", 3/8", 1/2")
- 12" Pick-Up Tube Brush
- 5 pc Precision Mini-Twisted Brush
- Nylon Bristle Parts Brush
- Brass Power Pick-Up Tube Brush
- 1/4" H.V.L.P. Brush
- 1/2" Body Cavity Brush

Master Kit	P/N 0550961
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17 PIECE GUN CLEANING KIT

- 4 Large Tube Brushes
- 5 Precision Mini-Twisted Brushes
- 6 Precision Cleaning Needles
- 1 Small Cleaning Rod w/ Brush
- Nylon Bristle Parts Brush

17 Pc. Cleaning Kit	P/N 0550962
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3 PIECE GUN CLEANING KIT

- 3 piece brush set includes an internal and external cleaning brush and a brush for the fluid tube

3 Pc. Cleaning Kit	P/N 0550963
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MISCELLANEOUS REPAIR KITS

1500 Mini gun repair kit	P/N 0552914
Fluid hose replacement fitting	P/N 0552922
Air hose replacement fitting	P/N 0552923
Moisture filter element	P/N 0552912
3100 Gravity gun repair kit	P/N 0552916

AirCoat™ Series

THE NEW TITAN AIRCOAT AIR ASSISTED AIRLESS PNEUMATIC SPRAYERS

The new AirCoat, air powered sprayers provide a superior, consistent finish and performance that exceeds contractor expectations. They are great for virtually any fine finishing application – solvent and water based paints, primers, varnishes, polyurethanes, stains and lacquers, slow-setting 2k materials and UV hardening materials.

PREMIUM IS STANDARD

Titan offers premium features on all standard AirCoat systems including:

Stainless Steel Fluid Section

- Compatible with all finishing coatings

Pulsation Dampener and Manifold Filter Standard

- Eliminate gun gitter contaminants and tip wear
- No pulsation at any pressure

Convenient Muffler

- For low operating noise levels

Low Air Consumption

- Maximum output per cubic foot of air input

Additional Standard Features

- Air Filter
- Dual Regulator
- Air Lubricator
- Fluid Pressure Gauge
- Pump and atomizing air pressure gauges

Flexible Configurations

- Choose from Cart or Spider or wall mount
- Order “Complete” or “Bare” (Complete comes with Titan 3600 AA Gun, Flat Tip and 50' Air and Fluid Hose)

DELIVERING A FLAWLESS FINISH FOR ANY FINE FINISHING APPLICATION



PULSATION DAMPENER

Pulsation dampener allows applicator to remove pulsation at the lowest of pressures for unmatched control.

It delivers fine finish quality across a wider range of pressures.

AIRCOAT 423

Specifications	
Motor	4" Air Motor with 23:1 Ratio
Max. Delivery	.50 GPM
Max. Operating Pressure	2670 PSI (116 PSI inbound max.)
Configuration	P/N
Cart (bare):	0533423C
Cart (complete):	0533423CAA
Spider (bare):	0533423S
Spider (complete):	0533423SAA
Wall Mount (bare):	0533423W
Wall Mount (complete):	0533423WAA

AIRCOAT 620

Specifications	
Motor	6" Air Motor with 20:1 Ratio
Max. Delivery	1.25 GPM
Max. Operating Pressure	2320 PSI (116 PSI inbound max.)
Configuration	P/N
Cart (bare):	0533620C
Cart (complete):	0533620CAA
Spider (bare):	0533620S
Spider (complete):	0533620SAA
Wall Mount (bare):	0533620W
Wall Mount (complete):	0533620WAA

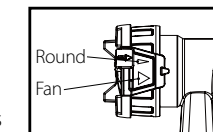
APPLICATION INFORMATION

FLEXSPRAY™ QUICK START GUIDE

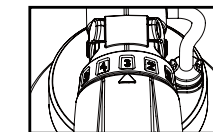
Coating	Fan Pattern Width	FlexFinish™ Front End		FineFinish™ Front End	
		Material Setting	Air Settings	Material Setting	Air Settings
Stain	1-5 inches	3	5-8 (Medium)	7	9-12 (High)
	5+ inches	6		10	
Lacquers	1-5 inches	3	5-8 (Medium)	7	5-8 (Medium)
	5+ inches	7		10	
Urethanes	1-5 inches	2	5-8 (Medium)	6	5-8 (Medium)
	5+ inches	5		9	
Enamels	1-5 inches	4	9-12 (High)	9	9-12 (High)
	5+ inches	8		11	
Acrylic Alkyds	1-5 inches	5	9-12 (High)	9	9-12 (High)
	5+ inches	9		11	
Acrylic Latex	1-5 inches	4	9-12 (High)	8	9-12 (High)
	5+ inches	9		11	
Multi-Color	1-5 inches	7	5-8 (Medium)	NA	NA
	5+ inches	10			

Quick Start Guide

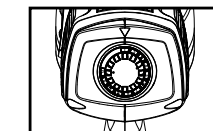
- (1) Use a 1-5" fan pattern for trimwork. For larger surfaces like doors and walls use >5" fan pattern.
- (2) Adjust Material & Air Volume settings as shown in chart based on coating, fan pattern width, and front end.
- (3) Fine tune the Material and Air Volume settings to achieve the best results.
- (4) Use round pattern for detailed work and touch up.
- (5) Recommended settings for Material and Air Volume may change if the coating is thinned.



Pattern (Fan & Round)



Material Volume Regulator



Air Volume Control

NEEDLE AND NOZZLE KIT RECOMMENDATION CHART (3100 GUN)

Material	Percent Reduction	Viscosity Cup (seconds)	Fluid Description	NNK Orifice Size
Stain	0%	18-22 sec.	Very thin	.8-1.4 mm
Shellac / light-body varnish	0%	18-25 sec.	Thin to medium	.8-1.4 mm
Wood sealer	0%	18-22 sec.	Very thin	.8-1.4 mm
Paint primer	5-15%	30-35 sec.	Thin to medium	.8-1.4 mm
Alkyd polyurethane	0-10%	18-22 sec.	Thin to medium	.8-1.4 mm
Nitrocellulos Lacquer	Mfg Rec.	18-22 sec.	Thin to medium	.8-1.0 mm
Water-base Epoxy	5%	30-35 sec.	Medium to heavy	.8-1.8 mm
Water-reducible Lacquer	0-10%	20-30 sec.	Medium to heavy	.8-1.4 mm
Solvent-base	10-15%	30-35 sec.	Heavy	1.8-2.2 mm
Interior alkyd paint	5-15%	20-30 sec.	Medium to heavy	1.2-1.8 mm
Exterior oil-base paint	5-15%	20-30 sec.	Medium to heavy	1.2-1.8 mm
Quick-dry enamel	5-15%	20-25 sec.	Medium to heavy	1.2-1.8 mm
Industrial enamel	5-15%	30-35 sec.	Medium to heavy	1.2-1.8 mm
Interior-finish latex paint	10-15%	30-35 sec.	Heavy	1.8-2.2 mm
Metal latex paint	5-10%	30-35 sec.	Heavy	1.8-2.2 mm
Contact cement	0%	25-35 sec.	Medium to heavy	1.8-2.2 mm
Multi-color finishes	0%	30-35 sec.	Medium to heavy	1.8-2.5 mm

Note: Because of variations in materials, recommendations in this chart should be used as starting points. You may achieve acceptable results using different NNK recommendations. These times are all using the Titan viscosity cup, part number 0279656. Furthermore, reduction percentage and material recommendations should be approved by the materials manufacturer. Please contact Titan technical support for questions regarding materials not included in this chart.

CAPSPRAY - MAXUM GUN PRO-SET RECOMMENDATION CHART

Material	Projector Set Recommended	Viscosity Cup (seconds)
Nitrocellulos Lacquer	2 to 3	18-22 sec.
Stain / Varnish	2 to 3	18-22 sec.
Lacquers	3 to 4	18-25 sec.
Shellac	3 to 4	18-22 sec.
Enamels	3 to 4	30-35 sec.
Alkyd	3 to 4	18-22 sec.
Water-Base Acrylic	3 to 4	30-35 sec.
Polyurethane	3 to 4	20-30 sec.
Sealer	3 to 4	30-35 sec.
Ceiling Paint	4 to 5	20-30 sec.
Water-Base Epoxy	4 to 5	20-30 sec.
Latex Primer	4 to 5	20-25 sec.
Oil-Base Multi-Color	4 to 5	30-35 sec.
Metal Latex	4 to 5	30-35 sec.
Water-Base Multi-Color	5 to 6	30-35 sec.
Adhesives, High-Viscosity Gels	5 to 6	30-35 sec.
Extra Heavy Viscosity	6 to 7	25-35 sec.
Orange Peel, Sand Texture	7	

AIRLESS & AIR ASSISTED

There will always be projects where speed trumps transfer efficiency and yet a fine finish is still the ultimate goal. Even the best HVLP sprayer can't compete with the speed of an air-assisted airless unit and for those jobs – new construction woodwork, production-grade cabinetry, etc. – where production speed is essential, contractors and finishing professionals turn to the power and precision of Titan airless and air-assisted sprayers.

What sets Titan CAPSPRAY apart from the others?

POWER: Airless power will atomize the heaviest coatings without thinning while maintaining perfect spray patterns with no spitting or spattering.

VERSATILITY: Apply a broad range of coating materials, from the thinnest stains and lacquers to interior and exterior latex primers and paints.

INTELLIGENT DESIGN: Compact, simple and lightweight, these units are easy to use, easy to transport and easy to store.

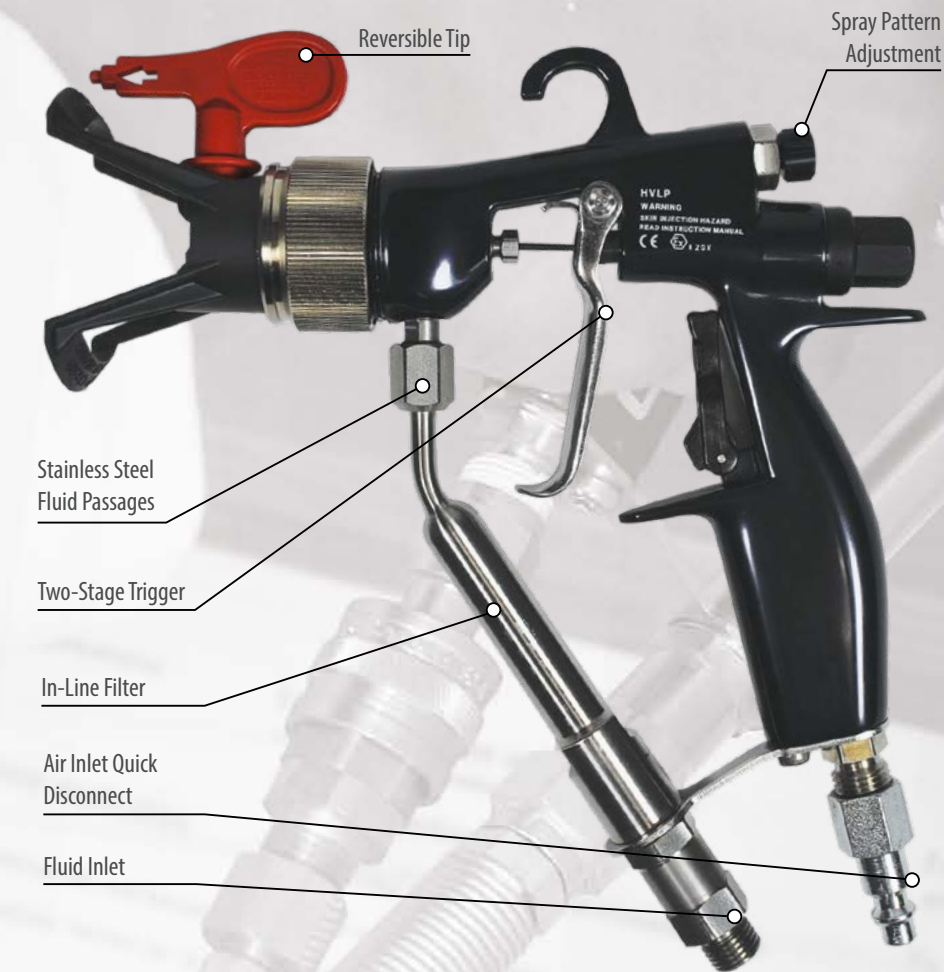
Titan—The first and last name in fine finishing equipment

BRILLIANT™ FLAT TIP SIZES

Part No.	Designation	Orifice Diameter (in.)	Angle	Recommended Filter
0526209	9/20	0.009	20	180 Mesh Filter (Red)
0526409	9/40	0.009	40	
0526111	11/10	0.011	10	
0526211	11/20	0.011	20	
0526411	11/40	0.011	40	100 Mesh Filter (Yellow)
0526113	13/10	0.013	10	
0526213	13/20	0.013	20	
0526413	13/40	0.013	40	
0526115	15/10	0.015	10	60 Mesh Filter (White)
0526215	15/20	0.015	20	
0526415	15/40	0.015	40	
0526217	17/20	0.017	20	
0526417	17/40	0.017	40	

CAPSPRAY™ GM 3600 AA GUN

- GM 3600 design offers ergonomic comfort and a reversible tip system without sacrificing finish quality
- Works with standard reversible airless or Brilliant™ flat tips



GM 3600 GUN

- 3600 AirCoat Gun w/ Reversible Tip P/N 0524357
- Air Cap Assembly for Reversible Tip P/N 0524359
- 3600 AirCoat Gun with Flat Tip* P/N 0524358
- *9/20 Flat Tip included.
- Air Cap Assembly for Flat Tip P/N 0524360
- Air Coat Test Air Cap Kit P/N 0524229

GM3600 AIR ACCESSORIES

- Blue Air Cap for Water-based Materials (Water-based Paints) Incl. Union Nut P/N 0394911
- Green Air Cap for Water-based materials and Solvent-based Materials (Low Air Consumption), Incl. Union Nut P/N 0394912
- Red Air cap for Solvent-based Materials Incl. Union Nut P/N 0394910
- AirCoat Nozzle Extension: 12" P/N 0394090

MULTIFINISH™ 440

For projects where a powerful, versatile and reliable workhorse is needed, use the Titan MultiFinish 440 – a high performance, high production sprayer that can be used to apply BOTH standard coatings and fine finishes. Based on the acclaimed IMPACT 440 sprayer, this unit is designed for serious contractors looking to deliver workshop quality at assembly-line speed.

Recommended for large residential and commercial projects involving numerous coating systems and rapid turnover time.

EXCLUSIVE COMPRESSOR



Electronic solenoid on compressor for increased efficiency, quiet operation and easy start up

GM3600 Gun with Reversible Tip

Red/Clear 50' Bonded Hose P/N 0524333

MULTIFINISH 440

Max. Delivery	.54 GPM
Max. Fluid Pressure	3300 PSI
Max. Air Pressure	35 PSI
Max. Tip Size (1 Gun)	0.023"
Fluid & Air Hose Length	50' + 5' Whip
Unit Weight	90 lbs
P/N	0524029



AUTO OILER™



The oil reservoir delivers oil to packing with the push of a button

SUREFLO™ PUSHER VALVE



Loosens stuck lower ball valve with a push of a button

Includes:
5' Fluid Whip (P/N 316-506)
& 5' Air Whip (P/N 0550371)

AIRCOAT™ & ED655 PLUS

ED655 PLUS

There will always be those minor—but still important and profitable—projects where most sprayers are either too big or too powerful. For these jobs you need a compact, lightweight, dedicated finishing system that's easy to use, easy to transport and, most importantly, **DEPENDABLE**. For those projects and the contractors who tackle them, we designed the Titan ED655 Plus.

- Solid construction yet lightweight and very portable
- 1/2 HP TEFC Motor
- New Easy-Flow prime valve and outlet pusher valve
- High flow .38 GPM output
- Easy-carry handle and stand mount
- Comes with G-10XL Gun (412 FF Tip), 1/4" x 50' hose and 3/16" x 3' whip hose

The perfect small project finishing system that every contractor should have on hand for fast, easy, light-duty jobs.



Includes:
5' Fluid Whip (P/N 316-506)
& 5' Air Whip (P/N 0550371)

GM3600 Gun with Flat Tip

Red/Clear 50' Bonded Hose P/N 0524333

AIRCOAT AIR-ASSISTED AIRLESS

Imagine combining the speed and power of an airless sprayer with the precise control and transfer efficiency of an HVLP sprayer—in a single, incredibly efficient application system. The Titan AirCoat air-assisted airless sprayer enables you to apply coatings in an air-assisted mode to deliver ultra-fine atomization and higher transfer efficiency. Switch to airless mode and you can apply a broad range of interior and exterior coatings with the production speed you expect from Titan.

- Includes GM3600 Gun with Flat Tip assembly and 9/20 brilliant tip

A powerful and versatile addition to the serious contractor's line-up of sprayers and application systems.

AIRLESS FINE FINISHING TIPS

SYNERGY™ FINE FINISH REVERSIBLE TIP

- Atomized coatings are up to 27% finer than with a standard tip
- Maximum transfer efficiency
- Interchangeable with industry standard safety guards
- Ideal for stains, lacquers and light-bodied clear finishes



Available Sizes (P/N 671-XXX)			
208	210	212	214
308	310	312	314
408	410	412	414
	510	512	
		612	

TR² FINE FINISH TIP

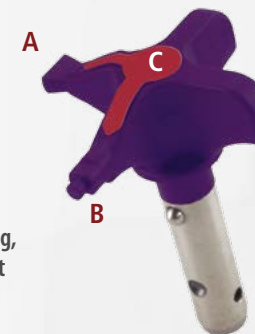
FEATURES & BENEFITS

- Two tips combined in one
- Greater working flexibility

A: Wide fan pattern, large orifice opening, best surface coverage, highest speed, greatest time saving

B: Narrow fan pattern, small orifice opening, best control, low overspray, precise paint application, ideal for trimming jobs
*Approximately 1/3 width of wide tip

C: The color of the insert corresponds to the recommended gun filter color



Available Sizes (P/N 693-XXX)	
510 (510 Wide / 208 Narrow)	
512 (512 Wide / 210 Narrow)	
514 (514 Wide / 212 Narrow)	

TUNGSTEN CARBIDE AIRCOAT FLAT TIPS

- Precision machined from the highest quality Tungsten Carbide
- Available in sizes from 0.007" – 0.072"
- Gasket not included
- Order 450 series guards for use with flat tips
- Over 150 sizes available P/N 002-XXX

1/8" Gasket Kit (12)	P/N 711-612A
1/16" Gasket Kit (12)	P/N 711-606

FINE FINISH METERING ORIFICE

Now you can turn your flat tip and adjustable tip into a fine finish tip!

- Increases transfer efficiency by spraying at lower pressures
- Designed to maximize atomization of the spray pattern
- Constructed of the highest quality tungsten carbide
- Fits inlets of most tungsten carbide (flat) spray tips and adjustable tips
- Gasket design assures a high pressure seal between the spray tip and gun
- When ordering, always use a metering orifice that is at least 0.004" larger than the spray tip being used. Example: a 0.019" tip should be used with a 0.023" metering orifice

Product Number	Orifice Size	Recommended Max. Tip Size
512-011	0.011"	0.007"
512-013	0.013"	0.009"
512-015	0.015"	0.011"
512-018	0.018"	0.013"
512-021	0.021"	0.017"
512-023	0.023"	0.019"
512-026	0.026"	0.021"
512-031	0.031"	0.026"
512-035	0.035"	0.031"
512-039	0.039"	0.035"
512-043	0.043"	0.039"
512-049	0.049"	0.043"
512-059	0.059"	0.052"

AIRLESS SPRAY TIP AND FILTER RECOMMENDATION CHART

Coating	Viscosity	Filter Mesh (Color)	Orifice Range	Synergy™ (Fine Finish)
Varnishes	Light	100 (Y) – 150 (R)	.009" – .011"	.008" – .010"
Lacquer Finishes (clear)	Light	100 (Y) – 150 (R)	.009" – .011"	.008" – .010"
Sanding Sealers	Light	100 (Y) – 150 (R)	.009" – .011"	.008" – .010"
Shellac (clear)	Light	100 (Y) – 150 (R)	.009" – .013"	.008" – .012"
Transparent Stain	Light	100 (Y) – 150 (R)	.011" – .013"	.010" – .012"
Water Sealers (clear)	Light	100 (Y) – 150 (R)	.011" – .013"	.010" – .012"
Solid Stains	Medium	60 (W) – 100 (Y)	.013" – .015"	N/A
Exterior House Paints	Medium	60 (W) – 100 (Y)	.013" – .017"	N/A
Interior Wall Paints	Medium	60 (W) – 100 (Y)	.013" – .017"	N/A
Interior & Exterior Primers	Medium	60 (W) – 100 (Y)	.017" – .019"	N/A

AIRCOAT

Max. Delivery	.35 GPM
Fluid Pressure	100–2800 PSI
Max. Air Pressure	35 PSI
Max. Tip Size (1 gun)	0.017"
Fluid and Air Hose Length	50' + 5' Whip
Weight	56 lbs
P/N	0508074A

Coextruded 25' Fluid & Air Hose, Max 3300 PSI, 1/4"
P/N 9984595

ED655 PLUS

Delivery	.38 GPM
Max. Fluid Pressure	3000 PSI
Max. Tip Size	0.017"
Max. Hose Length	300'
Motor	.5 HP, TEFC
Amp Draw	6.0
Weight	27 lbs
P/N	0508090



CONVENIENCE PROGRAM

KEEP ON WORKING

A SPARE FLUID SECTION KEEPS YOU ON THE JOB.

Not only do we deliver high quality sprayers, we are proud to back them up with the best and longest warranty in the industry.

Titan sprayers are built to last. We are so confident that our sprayers will hold up to the most difficult jobs that we offer the best and longest warranty in the industry.

4-Year Manufacturer's Defect

We pledge that our sprayers are free from defects in materials and workmanship. This excludes normal wear items and consumables such as filters, piston, packings, tips, etc.

Lifetime DuraLife Brushless HE and PMDC Brushless Motor Warranty

If the motor fails for any reason (including wear) for as long as you own the sprayer, we will replace the motor at no cost to you.

Limited Lifetime DCX Motor Warranty

If the motor fails from normal usage for as long as you own the sprayer, we will replace the motor at no cost to you.

Gas Engine Warranty

5 year Subaru®, 3 year Honda® and 2 years all others.

2-Year Turbine Warranty

Lifetime Drive Train Warranty

If the drive train fails from normal usage for as long as you own the sprayer, we will replace the drive train at no cost to you.

35-Day Satisfaction Guarantee

If for any reason the sprayer does not perform up to your expectations within 35 days, the sprayer can be exchanged for the identical model or full credit towards the purchase of a Titan sprayer of larger size and value.

Express Parts Program

- Over 650 Authorized Service Centers nationwide
- The most common repair parts are guaranteed to be in stock 100% of the time
- If for any reason your preferred Authorized Service Center is out of stock, free 2nd day air is available when ordered by 3:00 pm (EST)

Get up to **80% OFF** a spare fluid section or choose to get a **FREE REPACKING KIT**.

LEVEL 1	Impact® 340, 400	\$109 ⁹⁵ _{USD} * (\$149.08 CAD)
LEVEL 2	Impact® 440, 540, 640, 740, 840; MF 440; GPX 85; PowrLiner™ 2850	\$224 ⁹⁵ _{USD} * (\$305.02 CAD)
LEVEL 3	Impact® 1040, 1140; GPX 130	\$249 ⁹⁵ _{USD} * (\$338.92 CAD)
LEVEL 4	GPX 165, 220; PowrTwin™ 4900 Plus, 6900 Plus, 8900 Plus, 12000 Plus; PowrLiner™ 4955, 6955, 8955, 1200 SF	\$324 ⁹⁵ _{USD} * (\$440.61 CAD)
LEVEL 5	AirCoat® 423, 620; PowrCoat™ 630	\$399 ⁹⁵ _{USD} * (\$542.31 CAD)
LEVEL 6	PowrCoat™ 730, 745, 940, 960, 975, 1045, 1064, 1072; Hydra™ Pro IV	\$599 ⁹⁵ _{USD} * (\$813.49 CAD)

THE IMPACT® 440, 540 and 640 FLUID SECTIONS INCLUDE \$375 in ADDED FEATURES

MANIFOLD FILTER HOUSING | PRESSURE TRANSDUCER | SUREFLO™ PUSHER VALVE | PRIME SPRAY VALVE

The Impact® 440, 540 and 640 convenience program fluid section comes packed with features that the competition cannot offer.

*Tax not included. Prices guaranteed through January 31, 2017.

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