

# Spraying



# Solutions



**Premium Autobody Shop Supplies & Equipment**

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# Maximum Performance

Made in Switzerland



## Pump & Spray PP-PA

50800 1.5 l (1.58 U.S. quart)/VITON PP-PA

50801 1.5 l (1.58 U.S. quart)/EPDM PP-PA



## Made Tough Pumps!

- Tank volume/capacity: 1.6l/1.25l
- Pump assembly material: PP
- Nozzle type: Fanjet
- Max. operating temp.: 30° C/86° F
- Max. op. pressure: 2 bars/29 psi
- Seals and o-rings: VITON or EPDM

**Birchmeier "Quality and Safety without compromise".**

The perfect spraying and foaming solutions in dispensing a wide range of chemical products for automotive, marine, aviation, food processing, and hygiene industry.

## Benefits

1

Large and powerful pump - fewer strokes required to build up the pressure, and start spraying!

2

External safety valve for added security and comfort. Robust tank with large opening for easy filling of liquids.

3

Fan jet nozzles made of stainless steel or acid resistant plastic used for durability and efficiency of spraying!

Safety valve

Jet nozzle



Acid resistant plastic jet nozzle for EPDM PP-PA sprayer

Stainless steel insert jet nozzle for VITON PP-PA sprayer

\*Other Birchmeier sprayer types available on request.

# Maximum Performance

Made in Germany



## Pump & Spray - VITON/PA

**50100** 1.0 l (1.06 U.S. quart)

**50400** 1.6 l (1.69 U.S. quart)

## Pump & Spray - EPDM/PA

**50101** 1.0 l (1.06 U.S. quart)

**50401** 1.6 l (1.69 U.S. quart)



"Pump & Spray" hand sprayers are designed for tough industrial applications, and automotive detailing. Including, but not limited to brake-cleaners, rust-penetrants, de-waxers, and de-greasers.

## Made Tough Pumps!

### Benefits

1

Increased work productivity and efficiency in surface preparation before, and after repairs.

2

Reduction of VOC's while dispensing bulk chemicals - eliminating the need for aerosol based products.

3

Compatible with waterborne cleaners and solvents. See VITON or EPDM chemical compatibility index.

#### #50100 VITON #50101 EPDM

- Tank volume/capacity: 1.0l/0.75l
- Pump assembly material: PP
- Nozzle type: Spray
- Max. operating temp.: 30° C/86° F
- Max. op. pressure: 3 bars/43.5 psi
- Seals and o-rings: VITON or EPDM

#### #50400 VITON & #50401 EPDM

- Tank volume/capacity: 1.6l /1.25l
- Pump assembly material: PP
- Nozzle type: Spray
- Max. operating temp.: 30° C/86° F
- Max. op. pressure: 4 bars/58 psi
- Seals and o-rings: VITON or EPDM



## McProper Plus

**50030** 0.5 l (0.53 U.S. quart)

Unique



**The "Upside - Down" trigger sprayer.**  
Possible to spray in any position - overhead, sideways or vertical. Excellent quality trigger design allows for a full spray pattern through the whole pull range.  
**A must choice for Pro-Detailers!**

- Tank volume/capacity: 0.5l
- Tank material: PE
- Nozzle type: Jet
- Max. operating temp.: 30° C/86° F
- Max. op. pressure: 15 bars/217 psi
- Seals and o-rings: NBR



## Fix 0.5 & Maxi 1.0

**50310** 0.5 l (0.53 U.S. quart)/VITON

**50320** 1.0 l (1.06 U.S. quart)/VITON



**The high "Viscosity" liquid sprayers.**  
Robust and strong piston pump allows for spraying of heavy oils and wax. Nickel plated brass pump and VITON seals make it possible to use it with a wide range of chemicals.  
**Easy and simple to use!**

- Tank volume/capacity: 0.5l/1.0l
- Tank material: PE
- Nozzle type: Jet
- Max. operating temp.: 30° C/86° F
- Max. op. pressure: 12 bars/174 psi
- Seals and o-rings: VITON



## Rondo-Matic 5E

**50910** 7.0 l (1.85 U.S. gal.)/EPDM



**The "Acid" sprayer!**  
All materials used in construction of this unit are acid proof, including seals, steel, and injection moulding parts. The hose is also made of the EPDM rubber!  
**Safety first, when spraying acids!**

- Tank volume/capacity: 7.0l/5.0l
- Pump assembly material: PP
- Nozzle type: Fanjet
- Max. operating temp.: 30° C/86° F
- Max. op. pressure: 3 bars/43.5 psi
- Seals and o-rings: EPDM



## Clean-Matic 5P

50920 7.5 l (2.0 U.S. gal.)/VITON



## Spray-Matic 5SI

50940 7.5 l (2.0 U.S. gal.)/VITON



## Spray-Matic 10SP

50960  
14.0 l (3.7 U.S. gal.)  
VITON



### The "Top Line 7.5 l" sprayer!

It features a powerful pump with ergonomically designed trigger (In-built piston valve with stainless steel valve rod). Integrated filling funnel offers safe and easy operation.

**Value and performance!**

- Tank volume/capacity: 7.5l/5.0l
- Pump assembly material: PP
- Nozzle type: Fanjet
- Max. operating temp.: 30° C/86° F
- Max. op. pressure: 4 bars/58 psi
- Seals and o-rings: VITON



### The "Stainless Steel" Top Line 7.5 l" sprayer!

Optimized for maximum efficiency and durability. Large /separate filling with foolproof lid (Invented by Birchmeier - copied by everyone).

**Simply the best!**

- Tank volume/capacity: 7.5l/5.0l
- Pump assembly material: S.steel
- Nozzle type: Fanjet
- Max. operating temp.: 50° C/122° F
- Max. op. pressure: 6 bars/87 psi
- Seals and o-rings: VITON



### The "BIG PERFORMER"!

The only sprayer worldwide made of **stainless steel with plastic inner tank!** Ideally suited for tough industrial spraying of acids, chlorine, and disinfection products.

**Industrial durability!**

- Tank volume/capacity: 14.8l/10.0l
- Pump assembly material: S.steel
- Nozzle type: Fanjet
- Max. operating temp.: 50° C/122° F
- Max. op. pressure: 6 bars/87 psi
- Seals and o-rings: VITON



5SI & 10SP are also available in compressed air version without stainless steel pump.

**FAQ****VITON or EPDM?**

They are designed to handle different types of chemicals.

**VITON** is compatible with a wide range of chemicals, including oils, fuels, lubricants, solvents, aqueous media and most mineral acids. The range of chemicals to which Viton® is resistant is so broad that it is by far easier to list those few with which it is not compatible.

It is not recommended for use with methyl ethyl ketones, amines, and esters such as ethyl acetate...

**EPDM** Ethylenepropylene rubber is an elastomer prepared from ethylene and propylene monomers. EPM is a copolymer of ethylene and propylene, while EPDM contains a small amount of a third monomer (a diene) to aid in the curing process. EP is recommended for: phosphate ester based hydraulic fluids, steam to 400° F (204° C), water, silicone oils and greases, dilute acids, dilute alkalis, ketones, alcohols, and automotive brake fluids. It is not recommended for: petroleum oils, and diester based lubricants. Its temperature range is -60° to +500° F (-51° to +260° C)

# Parts & Accessories

<b>50800 Sprayer</b>	PP-PA w/VITON seals/o-rings	
<b>11614803</b>	Repair kit (Seals/o-rings)	1 set
<b>50142022</b>	Fanjet nozzle XR 8002 VS yellow	1 ea.
<b>11647703</b>	Extension tube 80cm flexible / soft	1 ea.
<b>50801 Sprayer</b>	PP-PA w/EPDM seals/o-rings	
<b>11614804</b>	Repair kit (Seals/o-rings)	1 set
<b>11557002</b>	Fanjet nozzle TP8002VP	1 ea.
<b>McProper Plus</b>	McProper Plus Trigger Sprayer	
<b>11855301</b>	Trigger sprayer head - replacement	1 ea.
<b>Fix / Maxi</b>	Fix 0.5 l and Maxi 1.0 l (w/VITON seals/o-rings)	
<b>11814401-SB</b>	Mist nozzle 0.8 repair set (#a)	1 ea.
<b>11814301-SB</b>	Mist nozzle 0.8 gasket set (#b)	1 ea.
<b>11814101-SB</b>	Mist nozzle 0.5 for fine spraying	1 ea.
<b>11814001-SB</b>	Mist nozzle 0.8 standard (#19)	1 ea.
<b>11809401-SB</b>	Piston tube assembly for Fix (#17)	1 ea.
<b>11809501-SB</b>	Piston tube assembly for Maxi (#18)	1 ea.
<b>Rondo-Matic</b>	Rondo-Matic 5E (w/EPDM seals/o-rings)	
<b>11808501</b>	Repair kit (Seals/o-rings)/(#a)	1 ea.
<b>11802301</b>	Pump black assembly (#1)	1 ea.
<b>11669605</b>	Safety valve 3 bar (#6)	1 ea.
<b>11488705</b>	Trigger assembly (#10)	1 ea.
<b>11323003</b>	Adjustable nozzle assembly (#12)	1 ea.
<b>Clean-Matic</b>	Clean-Matic 5P (w/VITON seals/o-rings)	
<b>10399003-SB</b>	Repair kit (Seals/o-rings)/(#a)	1 ea.
<b>11664910</b>	Gasket set for trigger (#a)	1 ea.
<b>10966106</b>	Trigger assembly (#9)	1 ea.
<b>11625301-SB</b>	Pump black assembly (#5)	1 ea.
<b>11612803-SB</b>	Fanjet nozzle XR 8002 VS assembly (#13)	1 ea.
<b>11617902-SB</b>	Safety valve 4 bar (#1)	1 ea.

## Which Sprayer to use?

We recommend, you visit our web site [www.fbs-online.com](http://www.fbs-online.com)  
Go to: FAQ Sprayers Chemical Compatibility Index and select: VITON or EPDM



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<b>Spray-Matic</b>	Spray-Matic 5SI and 10SP (w/VITON seals/o-rings)	
<b>11390201-SB</b>	Gasket set for 5S/10S (#a)	1 ea.
<b>11390203</b>	Gasket set for 5SI/10SP (#b)	1 ea.
<b>11617903-SB</b>	Safety valve 6 bar for 5S/10S (#12)	1 ea.
<b>11669607</b>	Safety valve 6 bar for 5SI/10SP (#12)	1 ea.
<b>10409601</b>	Manometer w/o-ring for 5S/10S (#31)	1 ea.
<b>11665001</b>	Manometer w/o-ring for 5SI/10SP (#31)	1 ea.
<b>10504018</b>	Trigger assembly brass (#4)	1 ea.
<b>10856501-SB</b>	Gasket set for 5SI	1 ea.
<b>CF valves</b>	CF constant flow valves	
<b>11698402</b>	1.0 bar/14.5psi CF valve	1 ea.
<b>11698402</b>	1.45 bar/21psi CF valve	1 ea.
<b>Pump&amp;Spray</b>	50100 / 50101 / 50400 / 50401 sprayers	
<b>50150</b>	Replacement sprayer head for #50100	1 ea.
<b>50151</b>	Replacement sprayer head for #50101	1 ea.
<b>50170</b>	VITON repair kit for #50100 & 50400	1 ea.
<b>50180</b>	EPDM repair kit for #50101 & 50401	1 ea.
<b>50190</b>	Extension 30cm for #50100 & 50400	1 ea.
<b>50191</b>	Extension 30cm for #50101 & 50401	1 ea.
<b>50450</b>	Replacement sprayer head for #50400	1 ea.
<b>50451</b>	Replacement sprayer head for #50401	1 ea.
<b>Pump&amp;Spray</b>	50020 Trigger sprayer	1 ea.
<b>50025</b>	Replacement sprayer head for #50020	1 ea.