



## Mar-flex Waterproofing Solutions



Turn-key Systems Designed and Tested Specifically for Mar-flex Coatings



## About CJ Spray, Inc.

In 1995, CJ Spray started as a distributor/wholesaler of equipment to spray, meter, mix and dispense liquids servicing consumer, contractor and industrial markets.

We offer cost effective off-the-shelf solutions, or can design custom systems specific for your needs. After the sale we are here for training, service, and a huge parts inventory with same day shipping or delivery. For more information please visit [www.cjspray.com](http://www.cjspray.com).

## Markets Served



### Infrastructure

- Protective Coatings
- Mortar Repair
- Concrete Pumps
- Grout Injection



### Architectural Coatings

- Spray Foam
- Waterproofing
- Air Barrier
- Roof Coatings



### Roadways/Marking

- Bridge Coatings
- Pavement Marking
- Scarifying



### Architectural Painting

- Residential Painting
- Industrial Painting
- Consumer DIY



### Texture

- Drywall Mud
- FRP Manufacturing
- Acoustic Coatings
- Aggregated Products
- Fibrated Products
- Fireproofing



### Sealant & Adhesive

- OEM Manufacturing
- Crack Filling
- Seam Sealing
- FRP
- RIM



### Fine Finish Applications

- Porcelain Refinishing
- OEM Manufacturing
- Automotive
- Aviation
- Wood Finishing



### Surface Prep

- Abrasive Blasting
- Pressure Washing
- Sanding
- Tumble Cleaning

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Convert Your Non-Heated Sprayer to a  
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# Equipment Recommendation Chart

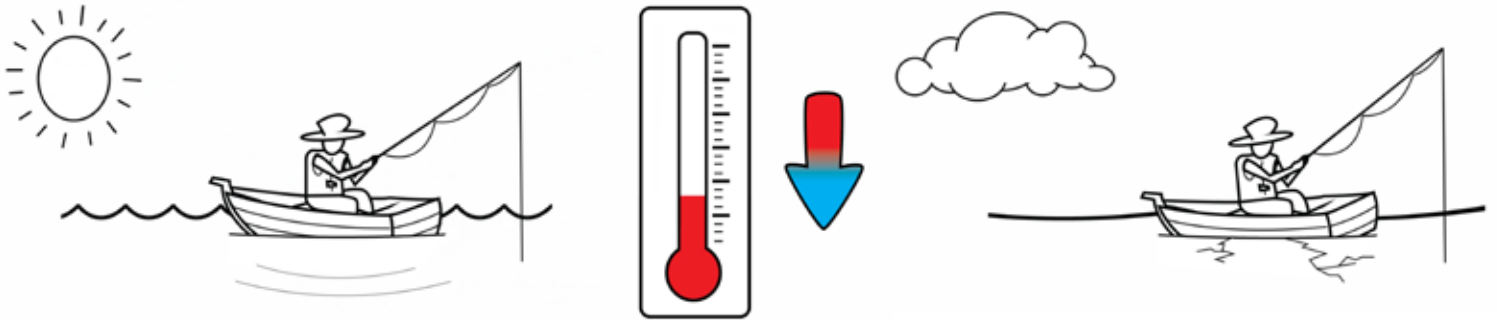


MODEL	TYPE	MAXFORCE	MAXFORCE W/ HEATED TANK	COMMANDER	833 PREMIUM PACKAGE W/ HEAT	833 PREMIUM PACKAGE W/O HEAT	GMAX 7900 PREMIUM PACKAGE	FEED PUMP REQUIREMENT FROM 55 GALLON DRUMS	TIP SIZE REQUIRED	CO-SPRAY OPTION	FLUSHING SOLVENT
5000 SB	WATERPROOFING	X	X	X	X			X	0.35		Xylene
5000 WB	WATERPROOFING	X	X	X	X			X	0.35	X	Diesel Fuel
MOISTUREBLOCK 361 SB	ABOVE GRADE VAPOR RETARDANT/AIR BARRIER OR BELOW GRADE DAMP PROOFING	X	X	X	X				0.31 - 0.35		Xylene
MOISTUREBLOCK 361 WB	ABOVE GRADE VAPOR RETARDANT/AIR BARRIER OR BELOW GRADE DAMP PROOFING	X	X	X	X			X	0.31 - 0.35	X	Diesel Fuel
BASIX SB	WATERPROOFING	X	X	X	X			X	0.31 - 0.35		Xylene
BASIX WB	WATERPROOFING	X	X	X	X			X	0.31 - 0.35	X	Diesel Fuel
QUICKSEAL SB	BELOW GRADE WATERPROOFING		X	X				X	0.37 - 0.41		Xylene
QUICKSEAL WB	BELOW GRADE WATERPROOFING	X		X	X			X	0.37 - 0.41	X	Diesel Fuel
DAMPROOFING SB	WATERPROOFING	X	X	X	X				0.27 - 0.35		Xylene
DAMPROOFING WB	WATERPROOFING	X	X	X	X				0.27 - 0.35	X	Diesel Fuel
FUSION SB	ABOVE AND BELOW GRADE WATERPROOFING		X	X				X	0.27 - 0.31		Xylene
FUSION UV	WATERPROOFING					X	X		0.27 - 0.31		Hot Soapy Water
LITEFUSION	WATERPROOFING						X		0.27 0.31		Hot Soapy Water
AIR & VAPOR BARRIER 1800	AIR/VAPOR BARRIER	X			X			X	0.31		Xylene
AIR BARRIER 1200	VAPOR PERMEABLE AIR BARRIER					X	X		0.27 - 0.31		Hot Soapy Water
DAMPFUSION	BELOW GRADE DAMPROOFING					X	X		0.27 - 0.31		Hot Soapy Water



# Heating Waterproofing Materials

## Why Do We Heat?



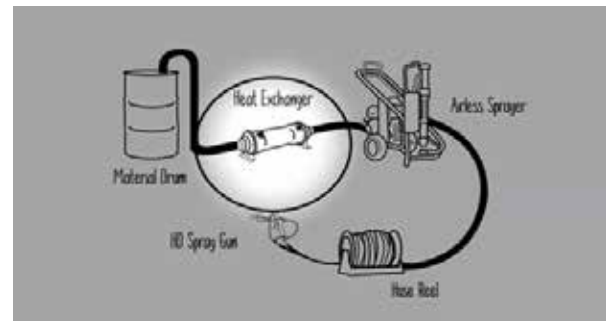
### Waterproofing Material Thickens As It Cools

All liquids are not the same and will thicken at different rates depending on variants to temperature. Some materials require heat to be flowable and load the airless pump. Others need to be sprayed at higher temperatures to provide good fan patterns and reduce overspray.

## How Do We Heat?

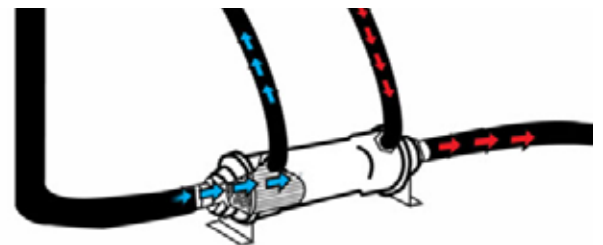
### Tube-In-Shell Heat Exchanger

Tube-in-shell heat exchangers have been the ideal choice for the waterproofing industry as they are unrestrictive and have high temperature increase capabilities. They are installed between the material container and the inlet of the airless pump.



### Hot Antifreeze

Their operation requires hot antifreeze that flows inside the outer shell that submerses multiple copper tubes that the waterproofing material passes through. These copper tubes cause very little restriction and provide a lot of surface area so as the waterproofing material enters cool, it exits hot.



Questions? Need Assistance? Call us toll-free at 1-888-CJSPRAY (257-7729)

## Heat Source

The heat exchanger requires a hot coolant source for its operation. Contractor's have several options:

### Vehicle's Engine Coolant Loop

Install standard spray equipment into Boxtruck or Cube Van making the system semipermanent.

#### Pros

- Least upfront equipment investment
- Commander (pg. 11) installed in pickup truck makes a small and nimble package

#### Cons

- Makes installation semipermanent and rigid confining the equipment to your truck/trailer
- Installation can be time consuming and difficult
- Vehicle must be running while spraying, increasing fuel costs, wear & tear on vehicle's engine and possibly violating anti-idling law

### MaxForce Sprayer (page 8)

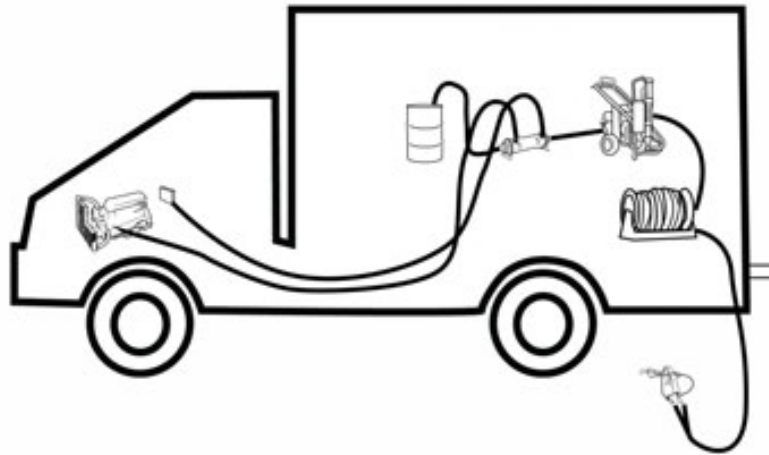
Sprayer creates its own hot coolant making it a self-contained heated system

#### Pros

- No installation required
- Flexible - take it in and out of trucks, install in an enclosed trailer, or move around a job site
- Small liquid-cooled engine provides low daily fuel costs

#### Cons

- Higher initial investment



### Hydronic Heater (page 21)

Generates hot coolant source to convert your existing spray system into a heated system

#### Pros

- Can be used with enclosed trailers
- Uses only .5 gallon of diesel fuel per 8 hours
- Utilize your existing equipment, reducing upfront investment

#### Cons

- Makes installation semipermanent and rigid confining the equipment to your truck/trailer
- Installation can be time consuming and difficult

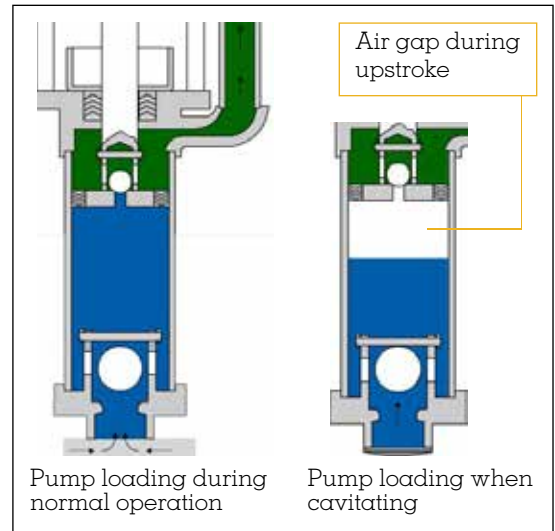
# Material Container (page 16)

Waterproofing materials are thick. Airless pumps are great pushers, but often have a hard time loading with a heavy coating. Some materials can be siphoned directly from a 55-gallon drum, but others require help:

## Cavitation

If a material is too thick to siphon from a 55-gallon drum, your pump will cavitate. There are two signs that your pump is cavitating:

1. Fan pattern will pulse and hourglass
2. Pump moves slowly during upstroke but dives quickly on downstroke



## Solving Cavitation

Eliminate cavitation by thinning material with heat. If that is not sufficient then supply material to the pump with the following options:



### 55 Gallon Feed Pump

Supply airless pump directly from drum with an air-operated stick pump



### Poly Tank

Let gravity supply the airless pump with an inexpensive poly tote



### Heated Tank

Many materials must be +70°F to be flowable



### Band Warmers

Quick and easy to use direct heat, 110V



### Barrel Blankets

More uniform heating, 110V

# Co-Spray (page 17)



Some waterproofing materials can be used with a calcium chloride injection. This provides a much faster set time that can be used to build heavier mils per pass and prevent wash-off when rain is approaching. A Co-Spray system consists of a tank, low-pressure pump, a second fluid hose and CJ Spray's two-component external mix spray gun.

# MAXFORCE



## The Next Generation in Waterproofing Spray Equipment

Tube-in-shell heat exchangers have been the ideal choice for the waterproofing industry as they are unrestrictive and have high temperature increase capabilities. Their operation requires hot antifreeze that has traditionally been provided by the contractor's vehicle engine. This requires a permanent and time consuming installation of equipment into a BoxTruck or Cube Van. It also requires a vehicles engine to idle while spraying and limits access to hard to reach areas.

The MaxForce brings the flexibility of a self-contained heated system that uses its own antifreeze from its liquid cooled engine.

### MaxForce Benefits

- ✔ No Installation required
- ✔ Easily move around job sites
- ✔ No truck idle while spraying
- ✔ Transport to job site in truck or trailer
- ✔ Different pressure and flow rates available
- ✔ Enclosure paneling protects equipment
- ✔ Easy operation with intuitive control panel
- ✔ Calcium Chloride (CoSpray) kit optional





# MaxForce Elite

## Self-contained Heated Spray System for Waterproof Coatings



### Realize the Flexibility of a Self-Contained Heated Sprayer

The MaxForce Elite is the industry's FIRST self-contained heated system that both warms the material in a tank and brings the coating to spray temperatures up to 140°F. This versatile system can be easily fork lifted in-and-out of a truck, around a job site, or quickly installed into a trailer.

- CJ's proven MaxForce self-contained heated spray system
- Heated tank keeps material warm and flowable
  - 110V Shorepower Heater keeps material warm overnight
  - MaxForce's liquid-cooled engine takes over at the job site
- Heat exchanger brings coating to spray temperature
- Ships assembled ready to use

### Optional Shorepower Heater (110 V)

Warms the coolant in SST tank's dimple jacket overnight so the coating is warm and ready to spray in the morning.



## Ordering Information

### System Packages

**T10530-00** MaxForce 4030 Spray System

**T10540-00** MaxForce 4030 with Co-Spray

**T10550-00** MaxForce 4030 Elite System

**T10560-00** MaxForce 4030 Elite with Co-Spray

**S10449-00** Overnight Shore Power Heater Kit (110 V) for use with MaxForce 4030 Elite tank

All packages include 200 ft insulated and scuff jacketed hose, electric hose reel, 55 gallon suction tube, and Spray Gun (Graco HD Texture Gun or CJ Spray Co-Spray Gun)  
Elite Packages Include Heated Tank (113 Gal), Skid Frame

### Accessories

**S10448-06** 1:1 FastFlo 55 Gallon Feed Kit

**S10445-06** Reconditioned Poly Tank Feed Kit, 275 Gal

**515-500-113** 113 Gal SST Heated Tank Kit

**515-500-250** 250 Gal SST Heated Tank Kit

**S10446-06** T:2 Transfer Pump Kit with 15 ft Hose and Dispense Valve (Transfer out of 55 Gallon Drums)

**S10420-00** Husky 1050 Transfer Pump kit with 15 ft Hose and Dispense Valve (Transfer out of Totes)



# MaxForce skeleton view (without paneling)

## Graco Hydraulic Heads and Lower

Graco's proven Viscount Hydraulic Head and Xtreme Lower along with nationwide serviceability

## Electric Hose Reel (not pictured)

Runs off system battery. No wiring is needed. Comes standard with every MaxForce

## Calcium Tank (not pictured)

Optional CaCl kit includes pump, tank, hose dual line hose reel and the most advanced CoSpray Gun on the market



## Heat Exchanger

Up to 100°  $\Delta T$  temperature rise with efficient tube-in-shell design

## Hydraulic Power

No electronics or mechanical clutches to fail. Uses same Nachi vane pump from Graco's time tested GH 733

## 24 HP Kohler Engine

Liquid-cooled, making this system totally self-contained

# COMMANDER



## Turn-key Waterproofing Spray System Designed for Pickup Truck Installation

The Commander is designed specifically for the residential waterproofer or concrete contractor looking to waterproof their own foundations. It is a turn-key heated spray system that easily sprays all asphalt based elastomerics. Increase mobility and reduce startup costs by utilizing your 3/4 or 1 ton pickup truck. The Graco GMAX II 7900 airless sprayer provides high pressure and flow for maximum productivity while being supported by a nationwide network of over 770 service centers.

### Commander Benefits

- ✔ Pickup truck mounted to navigate rugged job sites
- ✔ Heated tank preconditions material
- ✔ Powder-coated weatherproof enclosure
- ✔ Quick disconnects for coolant and electrical makes installation quick and easy
- ✔ Reliable high pressure Graco airless sprayer
- ✔ Intuitive control panel makes operation easy





### Control Panel

All system controls in one convenient place and clearly labeled.

### Tube-In-Shell Heat Exchanger

Up to 100° ΔT temperature rise with efficient tube-in-shell design. Uses coolant from pickup truck engine.

### Hose Circulation

Warm insulated hose quickly by circulating hot material back to tank.



### Graco GMAX II 7900

3300 psi, 2.2 gpm  
Honda GX200 Engine  
MaxLife Extreme-Duty Pump

### Heated SST Tank

119 gal dimple jacketed tank to precondition material. Uses coolant from pickup truck engine.

### Electric Hose Reel

Easily windup insulated hose.  
Located on curb side for safety.

### Weatherproof Enclosure

- Three access doors mounted on gas shocks for easy access
- Fully insulated
- Powder coated black finish
- Forklift pockets and quick disconnects make loading and unloading easy



## Ordering Information

**SB515790 Commander, Complete** Includes SST Heated Tank, Heat Exchanger, Electric Hose Reel, 200 ft Insulated Scuff-Jacketed Hose, Heavy-Duty Inline Swivel, and Silver Plus Gun w/ XHD Tip

**SB515791 Commander, Complete w/ CoSpray Kit** Same as above PLUS CoSpray Kit (CoSpray Tank, Pump, Dual-Line Electric Hose Reel, 200 ft Insulated and Scuff-Jacketed Dual Hose Bundle and CoSpray Silver Plus Gun)

# GH833 Packages

## Non-Heated Packages



### Non-Heated Basic Package

Graco's Big Rig Sprayers are the most powerful gas-operated pumps in the field. The GH 833 is by far the highest selling pump in it's class because of its great value and proven durability. This low cost package includes no frills but includes everything needed to start spraying.

- Proven 13 HP pull start Honda engine
- 150 ft high-pressure spray hose
- Graco Silver Plus Gun
- Heavy-duty inline swivel
- CJ Spray's upgraded prime valve kit
- CJ Spray's upgraded 55-gallon suction tube
- 4,000 PSI, 4.0 GPM

#### Ordering Information

**T10510-00** GH833 Non-Heated Basic Package

**T10520-00** GH833 Non-Heated Basic Package w/ Co-Spray

#### Other Specs:

**Tip Size:** 1 gun to .065 tip, 2 guns to .046 tip,  
3 guns to .037 tip **Weight:** 426 lbs

**Warranty:** 3 years **Hose:** 300 ft. **Maximum  
Dimensions:** Width: 27", Height: 45.5", Length: 44"



### Non-Heated Premium Package

The Premium Package includes all the necessities from the basic package, but also includes the accessories to increase production and protect your investment. The skid frame makes the system portable and comes completely assembled.

- Proven 13 HP Honda engine
- Electric Start
- 150 ft high-pressure spray hose
- Electric hose reel
- Graco Heavy Duty Texture Gun (less restrictive than Silver Plus)
- Pressure gauge
- 4,000 PSI, 4.0 GPM

#### Ordering Information

**T10560-00** GH833 Non-Heated Premium Package

**T10570-00** GH833 Non-Heated Premium Package w/ Co-Spray

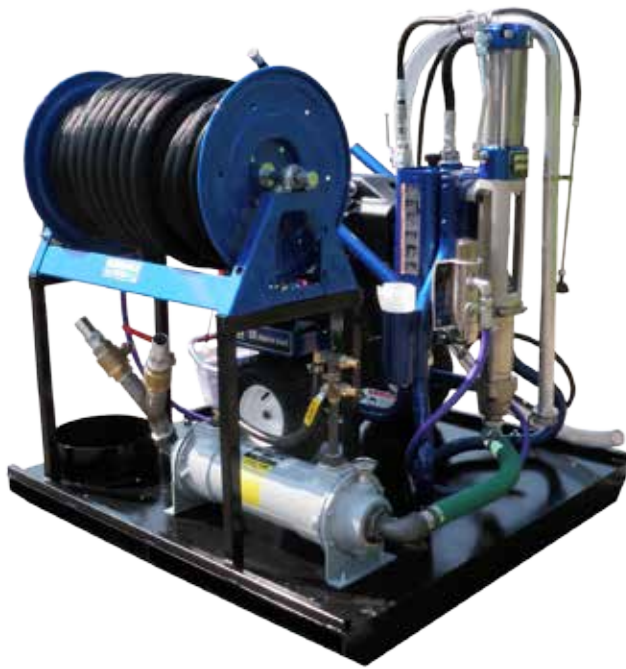
#### Other Specs:

**Tip Size:** 1 gun to .065 tip, 2 guns to .046 tip,  
3 guns to .037 tip **Weight:** 426 lbs

**Warranty:** 3 years **Hose:** 300 ft. **Maximum  
Dimensions:** Width: 27", Height: 45.5", Length: 44"



# Heated Packages



## Heated System for Viscous Coatings

Greatly reduce the viscosity of elastomeric coatings by heating the material with a non-restrictive tube-in-shell heat exchanger.

Packages come with hook-up kit to easily install to your vehicle's engine, or add hydronic heater kit to make your system self-contained (great for enclosed trailers).

- Proven 13 HP Honda engine
- 24" Tube-in-shell heat exchanger (single-pass)
- Heat exchanger hook-up kit
- Insulated and scuff jacketed spray hose
- Graco Heavy Duty Texture Gun (less restrictive than Silver Plus)
- Pressure gauge
- 4,000 PSI, 4.0 GPM

### Ordering Information

**T10580-00** GH833 Heated Premium Package

*Other Specs: Tip Size: 1 gun to .065 tip, 2 guns to .046 tip, 3 guns to .037 tip Weight: 426 lbs  
Hose: 300 ft. Maximum Warranty: 3 years  
Dimensions: Width: 27", Height: 45.5", Length: 44"*



## Heated System with Co-Spray

Same package as the Heated Premium Package but comes assembled with a Co-Spray System. ?? Gallon tank with 12 V DC pump hooked up to the GH833's battery. Dual lined hose bundle, with dual line electric hose reel, and Co-Spray gun are standard.

Skid frame comes completely assembled making installation quick and easy.

- Proven 13 HP Honda engine
- 24" Tube-in-shell heat exchanger (single-pass)
- Heat exchanger hook-up kit
- Insulated and scuff jacketed dual line spray hose
- CJ Spray's Co-Spray Silver Plus Gun
- Pressure gauge
- 4,000 PSI, 4.0 GPM

### Ordering Information

**T10590-00** GH833 Heated Premium Package w/ Co-Spray

*Other Specs: Tip Size: 1 gun to .065 tip, 2 guns to .046 tip, 3 guns to .037 tip Weight: 426 lbs  
Hose: 300 ft. Maximum Warranty: 3 years  
Dimensions: Width: 27", Height: 45.5", Length: 44"*

# GMAX 7900 Packages

## Graco GMAX II 7900 Non-Heated Packages



### ProContractor Package

The GMAX II 7900 is Graco's largest gas mechanical operated sprayer. The mechanical clutch design efficiently transfers power from the reliable Honda engine to provide the most bang-for-your-buck. This proven design is backed by a lifetime drive-train warranty.

When using thinner materials, siphon directly from 55-gallon drums. Also works with higher viscosity materials when using 5-gallon pails. Works great for touch-up and small jobs.

- Proven 6.5 HP Honda engine
- ProConnect Pump System for easy field service
- Integrated hose reel
- 100 ft high-pressure spray hose
- Silver Plus spray gun
- 3,300 PSI, 2.3 GPM

#### Ordering Information

**16W885** GMAX II 7900 ProContractor

#### Other Specs:

**Tip Size:** 1 gun to .048 tip, 2 guns to .035 tip, **Weight:**

**167 lbs** **Hose:** 200 ft. **Maximum**

**Warranty:** 3 year, 1 year motor, lifetime drive train

**Dimensions:** Width: 24.4", Height: 40.5", Length: 33.3"



### 7900 Drum Skid Package

The proven GMAX II 7900 Standard mounted on metal skid frame with electric hose reel, battery with integrated charging station (110V) and E-Track with strap accommodating up to two 55-gallon drums.

- Graco GMAX II 7900 Standard
- Integrated electric hose reel
- Charging station (110V)
- 150 ft high-pressure spray hose
- Silver Plus spray gun
- E-Track w/ strap for two 55-gallon drums
- Metal skid frame w/ forklift pockets

#### Other Specs:

**Tip Size:** 1 gun to .048 tip, 2 guns to .035 tip, **Weight:**

**585 lbs (no drums)**

**Hose:** 200 ft. **Maximum**

**Warranty:** 3 year, 1 year motor, lifetime drive train

**Dimensions:** Width: 48" x Length: 66"

#### Ordering Information

**T10500-00** GMAX II 7900 Drum Skid Package

Waterproofing materials are thick. Airless pumps are great pushers, but often have a hard time loading with a heavy coating. Some materials can be siphoned directly from a 55-gallon drum, but others require help:

## 55 Gallon Feed Pump Kits

Supply viscous materials direct from 55-gallon drum to large airless pump with an air-operated feed pump. Kits include feed pump specified w/ 1" x 10' material hose and inline swivel.

Part No	Description
S10448-06	Graco Fast-Flo 1:1 kit, 7 cfm @ 100 psi
S10444-06	Graco T1 2:1 kit, 7 cfm @ 100 psi
S10446-06	Graco T2 2.25:1 kit, 12 cfm @ 100 psi
S10443-06	Graco Monark 5:1 kit, 15 cfm @ 100 psi
412723-1000x10	1" x 10ft NR spray supply hose



## Heated Tanks

Stainless steel IBC's have a welded dimple jacket on exterior wall to heat material and make it flowable. Hot antifreeze is circulated through dimple jacket.

Part No	Description
515-500-113	113 Gallon, 21" W x 46" L x 38" H
515-500-180	180 Gallon, 42" W x 42" L x 35.5" H
515-500-230	230 Gallon, 42" W x 42" L x 42.5" H



## Poly Tanks

Gravity will help load the pump with thick materials. Remember that material must be flowable at ambient temperature.

Part No	Description
515-501-275R	275 Gallon, reconditioned, 40" W x 48" L x 45.5" H



## Transfer Pumps

Transfer material from manufacturer's shipped container into your rigs mounted tank. Package includes 1" x 15' transfer hose, inline swivel and dispense valve. Husky 1050 package also includes 1.5" x 5' supply hose w/ 2" female camlock.

Part No	Description
S10421-00	Graco Fast-Flo 1:1 drum to tote transfer kit
S10422-00	Graco T1 2:1 drum to tote transfer kit
S10423-00	Graco T2 2.25:1 drum to tote transfer kit
S10420-00	Graco Husky 1050 tote to tote transfer kit



# Co-Spray

Using Co-Spray injection in the waterproofing and air barrier coating application trade has been a commonplace for some time. Typically you can find Co-Spray being used when applying asphalt based emulsified coatings. Typically an injection of Calcium Chloride (CaCl<sub>2</sub>) is sprayed into the material path of the asphalt coating.

**By adding this catalyst it has been found to significantly reduce the cure time of emulsion based coatings. In the field this is done for two main reasons:**

1. It allows coatings that have a high mil thickness requirement the ability to be sprayed in a single application without the product sagging or running down the substrate.
2. Allowing faster cure time so spraying prior to inclement weather is possible without having to worry about rain, cold or humidity effecting the coatings.



In the past, Co-Spray guns have been large, heavy, clunky and sensitive to the application they were designed for. After extensive field testing and engineering CJ Spray is proud to introduce our new and improved Co-Spray gun. Lighter, more ergonomic and designed for even the toughest conditions, CJ Spray's Co-Spray gun dispatches all other options on the market. With multiple configurations the CJ Spray Co-Spray gun allows you to spray a multitude of products in an infinite number of application scenarios.

## Tip Extensions

Part No	Description
S10455-00	Co-Spray Extension Kit (does not include Heavy Duty Tip Extension)

### Heavy Duty Tip Extensions

Part No	Description
232121	10"
232122	20"
232123	40"
232124	60"
232125	80"



## Co-Spray Hose

Part No	Description
S10650-00	5/16 x 10' Co Spray Hose with nickel plated fittings, 1/4 Female x Female
S10651-00	5/16 x 25' Co Spray Hose with nickel plated fittings, 1/4 Female x Female
S10652-00	5/16 x 50' Co Spray Hose with nickel plated fittings, 1/4 Female x Female
S10653-00	5/16 x 100' Co Spray Hose with nickel plated fittings, 1/4 Female x Female
S10654-00	5/16 x 150' Co Spray Hose with nickel plated fittings, 1/4 Female x Female
S10655-00	5/16 x 200' Co Spray Hose with nickel plated fittings, 1/4 Female x Female



# Utilize Graco's Patented XHD Tips

## CoSpray Tip Combinations

Combinations are approx. 12:1 ratio. For faster break, reduce airless tip orifice or increase catalyst tip orifice.

Airless Tip 4-6" Fan	Catalyst Tip 4-6" Fan
XHD327	6501
XHD329	6501
XHD331	6501
XHD333	6501
XHD335	6502
XHD337	6502
XHD339	6502
XHD341	6502
XHD343	6502
XHD345	6503
XHD347	6503
XHD351	6503
XHD355	6503

Airless Tip 8-10" Fan	Catalyst Tip 4-6" Fan
XHD527	9501
XHD529	9501
XHD531	9501
XHD533	9501
XHD535	9502
XHD537	9502
XHD539	9502
XHD541	9502
XHD543	9502
XHD545	9502
XHD547	9503
XHD549	9503
XHD551	9503
XHD553	9503
XHD555	9503
XHD557	9503
XHD561	9503
XHD565	9503
XHD567	9503
XHD571	9503
XHD575	9503



Part Number	Description
XHD001	XHD Tip Guard
XHD010	Tip Seal, 5 pk

## CoSpray Catalyst Tips

Part Number	Tip Size
H1/8VV-SS6501	6501
H1/8VV-SS6502	6502
H1/8VV-SS6503	6503
H1/8VV-SS9501	9501
H1/8VV-SS9502	9502
H1/8VV-SS9503	9503

## Breaking the Code

**XHD - 327**

First digit when doubled, is spray pattern fan width. A 327 has a 6-inch fan width when sprayed 12 inches from surface.

Last two digits are orifice size in thousandths of an inch, a 327 has a 0.027 inch orifice.

$$3 \times 2 = 6$$

Buy XHD Tips online at [www.cjspray.com/xhd](http://www.cjspray.com/xhd)

## Retrofit a Co-Spray System into your current Waterproofing or Air Barrier Rig

- 16 Gallon Catalyst Tank w/ Filter
- Dual Hose Electric Hose Reel w/ Electric Solenoid Kit (Requires 12V Battery)
- 150' Material Hose (100' x 1/2" and 50' x 3/8")
- 150' Catalyst Hose
- Hose will be Scuff Jacketed and Insulated
- Co-Spray Gun
- All Required Fittings and valves to tie into your current spray system

Part Number: S10465-00





# Accessories

## Guns

Part No	Description
241705	HD Texture Gun
246240	Silver Plus Gun
SB246240	Co-Spray Gun
236987	HD Swivel
72-2333	Standard Swivel



## Heavy-Duty Tip Extensions

Part No	Description
232121	10"
232122	20"
232123	40"
232124	60"
232125	80"
246297	180° Heavy-Duty Tip Swivel



## Hose Reels

Part No	Description
K01-0106	Hand crank 18" painted steel, max 200ft un-insulated hose
K01-0108-1	Hand crank 24" stainless steel, max 200ft insulated hose
HP1125-4-200-E	Electric 18" painted steel, max 200ft un-insulated hose
HP1125-4-200-A	Electric 24" painted steel, max 200ft insulated hose
HP1125-4-450-E	Air operated 24" painted steel, max 200ft insulated hose
HP1125-4-450-A	Electric 24" painted steel, max 200ft insulated hose
HP1275-4-200-E	Dual line electric operated 24" painted steel, max 200ft insulated hose
HP1275-4-200-A	Dual line air operated 24" painted steel, max 200ft insulated hose
HP1275-6-200-A	Dual line air operated 24" large painted steel, max 200ft insulated hose



## Heat Exchanger

Part No	Description
AB1202A6SP	Heat exchanger, 24" single pass, 3" female NPT material inlet and outlet. 2" female NPT coolant inlet and outlet.
AB120	Hook up kit, including all fitting for coolant control, 40ft of 5/8" coolant hose and material temperature gauge
X51562	1" x 3" Hex bushing, black pipe
X51560	1.5" x 3" Hex bushing, black pipe
MFA1010	Straight fitting, 1" male NPT x 1" Female NPSM swivel
MPE1010	90° Elbow fitting, 1" male NPT x 1" Female NPSM swivel
X51165	90° Street elbow, 1.5" black pipe
HB150A	King nipple, 1.5" aluminum
700150	Double bolt clamp 1.5"

## Hoses

Graco high pressure airless paint hose uses a solvent resistant nylon core with polyurethane cover to prevent abrasion and moisture penetration.

Part No	Description
277249	1/4" x 3' Whip Hose (Blue 4000 PSI)
H43803	3/8" x 3' Whip Hose (Purple 4500 PSI)
H43806	3/8" x 6' Whip Hose (Purple 4500 PSI)
H43810	3/8" x 10' Whip Hose (Purple 4500 PSI)

Part No	Description
240796	3/8" x 25' Blue 3300 PSI Hose (Use with GMAX 7900 Only)
240797	3/8" x 50' Blue 3300 PSI Hose (Use with GMAX 7900 Only)
241275	3/8" x 100' Blue 3300 PSI Hose (Use with GMAX 7900 Only)

Part No	Description
H43825	3/8" x 25' Purple 4500 PSI 3/8"
H43850	3/8" x 50' Purple 4500 PSI 3/8"
H4381X	3/8" x 100' Purple 4500 PSI 3/8"

Part No	Description
H45010	1/2" x 10' Purple 4500 PSI Hose - often used as jumper hose from pump to reel
H45050	1/2" x 50' Purple 4500 PSI Hose
H4501X	1/2" x 100' Purple 4500 PSI Hose



## Insulated and Scuff Jacketed Hose

Part No	Description
H43810	3/8" x 10' Whip Hose (Purple 4500 PSI)
240797	3/8" x 50' Blue 3300 PSI Hose (Use with GMAX 7900 Only)
241275	3/8" x 100' Blue 3300 PSI Hose (Use with GMAX 7900 Only)

Part No	Description
H43850	3/8" x 50' Purple 4500 PSI 3/8"
H4381X	3/8" x 100' Purple 4500 PSI 3/8"

Part No	Description
H45050	1/2" x 50' Purple 4500 PSI Hose
H4501X	1/2" x 100' Purple 4500 PSI Hose

## Hose Fittings

Part No	Description
HN38	3/8" Male x 3/8" Male NPSM Nipple
HN50	1/2" Male x 1/2" Male NPSM Nipple
HRN3850	3/8" Male x 1/2" Male NPSM Reducing Nipple
HRB2538	1/4" Female x 3/8" Male NPSM Reducing Bushing



## Convert Your Non-Heated Sprayer to a Heated System with a Hydronic Heater

### Make your existing sprayer a self-contained heated system

Most heated spray rigs rely on the coolant system of the truck they are installed in to heat the heat exchanger. The Hydronic Heater replaces the truck engine as a coolant source for use with enclosed trailers, or to turn off the vehicle engine in truck mounted systems.

#### How it works:

The Hydronic Heater has a built in water pump that heats and pumps antifreeze through the system similar to a vehicles coolant system. The coolant heats the heat exchanger which warms your material to spray temperature. It can also heat bulk tanks, or ambient heaters that will warm the entire enclosed trailer.

#### Heat your product or the entire trailer:

- **Fuel a Heat Exchanger/Tote:** Heat the product in a tote to maintain flow, and/or the heat exchanger to get the product up to higher spray temperatures.
- **Heat the Entire Trailer:** Optional radiant heater (as pictured below) will heat the entire trailer that will keep your product warm and provide a nice shelter on the job-site.
- **7-day Timer:** The optional 7-day timer allows you to program when the heater turns on. So if your heated shop is only set at 40 degrees you can set the heater to turn on an hour before you start your day. Your product will be warm and ready to go when you are.



### Turn your cold applied airless into a heated system without needing a vehicle engine

#### 1. HydroHeater Kit: Heat Source

- H5515H** External Hydronic Heater w/Hook-up Kit includes: Heater, enclosure, mounting hardware, expansion tank, fuel tank, battery & battery tender
- HH1210** 7-Day Timer with Harness (optional)

#### 2. Heat Exchanger: Heat Your Material to Spray Temp

- AB1202** Heat Exchanger, 24" Single Pass
- AB120** Hook-up Kit, Heat Exchanger

#### 3. Ambient Air Heater: Heat your entire trailer

- R2554** Radiator Heater, 5/8" Dual Fan w/ Switch

#### 4. Insulate & Scuff Your Hose

Insulating your hose keeps the product warm as it travels through it. Scuff Jacket provides protection for insulation

- 515INS** Hose Insulation, per ft.
- 515SCU** Scuff Jacket, per ft.

#### 5. Hose Reel

Insulating your hose increases the diameter. You may need a larger reel to hold it.

- HP1125-4-450E** Hose Reel, Electric up to 200'
- HP1275-4-200E** Hose Reel, Electric Dual Line - Co-Spray
- 515-125** Solenoid/Switch/Fuse Kit (buy w/Electric Reel)
- K01-0107-1** Hose Reel, Hand Crank SST, up to 200'

Fuel: Burns 1 gallon per 16 hours • Electrical: 12 V DC (Battery-Minder Standard)  
Hook-up Kit: Provides everything you need to easily install the system yourself

# Airtronic Heater



## Ambient Air Heater

If your material doesn't require being sprayed at high temperatures, the AirTronic is all you need. This will keep the enclosed space at the temperature you desire to keep the materials flowable.

Whether you're on the road, parked at a job site or don't have a heated shop the AirTronic can keep your material warm 24 hours per day, 7 days a week for about \$3.50 a day.



**Ambient air heater will keep your truck / trailer  
& material warm 24 hours a day**

## AirTronic Heater Kits

All kits include AirTronic Heater specified, cargo installation kit, diesel fuel tank, large deep cycle battery, battery box, battery tender and digital thermostat control

Part No	Description
S10430-00	D2 Heater Kit
S10435-00	D4 Heater Kit

Questions? Need Assistance? Call us toll-free at 1-888-CJSPRAY (257-7729)



CJ Spray • 2845 W Service Rd • Eagan, MN 55121  
1-888-CJSPRAY (1-888-257-7729) • customerservice@cjspray.com • www.cjspray.com



## Waterproofing

CJ Spray has specialized in equipment to spray waterproofing and air barrier coatings since 1995. We have developed a relationship with Mar-flex over several years. We understand their coatings, their customers and the application. Our packages are designed to be cost effective solutions that provide the maximum productivity and durability.

**SALES** - CJ Spray is a full service company specializing in equipment to spray and apply fluids. From off-the-shelf solutions to fully customized and integrated solutions, we can configure equipment to fit your needs.

**RENTAL** - Our large rental fleet of spray equipment (single and plural component) and abrasive cleaning is ready whenever you need it.

**SERVICE** - CJ Spray eliminates downtime and keeps your equipment up and running with factory certified technicians and one of the nation's largest inventory of parts and equipment. Technical support is available in-house, on-site and over the phone.

**SUPPORT** - Starting with concept and design, through implementation and training, continued with service and technical support; partner with CJ Spray to help build your competitive advantage.