

Commander 2120 Airless Sprayer

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The Commander 2120 Sprayer from Garlock represents the top of the line in spray performance and technology for cold process materials. This powerful, incredibly versatile, easy-to-use sprayer will handle any spray-grade material in the most demanding conditions. Bottom line—if it can be sprayed, the Commander can do it. Specially engineered pump components designed for the rigorous demands of the roofing and waterproofing industry push the performance of our spray rigs far beyond what competitive models can do. Lightweight primers to heavy mastics and everything in between can be applied to exacting specifications with the Commander 2120 Sprayer. In fact, no one else can match our features. No one!

hose length reduced
for picture clarity

How the Commander 2120 Sprayer Works

The Commander Sprayer works most commonly by pumping roofing or waterproofing materials out of a 55-gallon drum. The material is pumped up to the roof through a material hose. An operator on the roof controls the spray gun and material application. It's that easy. Additional support personnel can be used but the basic operation remains the same. At the end of the day there's no need to flush your pump system. In fact, depending on the shelf life of the material, if you keep air from getting inside the pump, hoses, or gun, you can leave some materials inside of the Commander Sprayer almost indefinitely. How's that for convenience?



GARLOCK

Hydraulic Lift Cylinder

The hydraulic lift cylinder is one of the most indispensable features you'll find on the



Commander Sprayer. The lift cylinder raises the entire pump head up hydraulically to allow easy changing of pails or drums of material. Try changing pails or drums without this feature and only then will you fully appreciate the back-saving benefits of this unique feature.

In addition to making drum changeovers easier, the lift cylinder allows the suction foot to be fully immersed into the material. Other models that draw material into the pump through a long flexible suction hose can waste valuable pump pressure in the process—not so with the Commander 2120 Sprayer. The suction foot attached to a short pickup tube goes straight into the material container, thereby making the shortest path possible for material uptake into the pump.

This complete immersion feature also helps to keep foreign material out of your container. No contractor wants to contaminate the suction foot of the pump with sand or rocks or other debris. Pump downtime is greatly reduced by keeping the suction foot clean and away from debris.

Suction screen protects pump components from drawing foreign material into pump.



One of the most powerful, production increasing features we built into the Commander Sprayer is the unique positioning of the pump. Positioning of the cylinder



and pump head allows (2)-55 gallon barrels to be placed next to each other. This feature allows the pump head to be hydraulically switched between barrels without repositioning the whole sprayer. You can keep right on spraying without missing a beat. No one else can do that.

Huge 6 gallon marine tank keeps you running for up to 7 hours.

The Commander Sprayer comes standard with 200' of 3/4" high-pressure hose. This heavy-duty hose is not only capable of withstanding the harsh conditions of a roofing job but it is also light enough to reduce operator fatigue and allow complete freedom of movement. Also included in the hose package is a 15' x 1/2" whip hose that attaches to the gun and further enhances operator control and flexibility.

Combined with our large 4-ply flotation tires and a much lower overall center of gravity, easy jobsite maneuvering is a feature you'll really appreciate.

The Commander 2120 Sprayer features an 18-hp electric-start Kohler OHV & OHC engine with a backup recoil start, low oil alert, and quick-change oil filter for superior power, easy-starting, and dependable performance. This twin cylinder engine has earned an excellent reputation for being one of the most rugged, long lasting engines in industrial markets.

What You Can Spray With the Commander 2120 Sprayer

The Commander Sprayer is the most versatile sprayer on the market today. Capable of 4500 psi and up to 5 gpm output, this powerful sprayer can handle practically any spray grade material on the market today. If you want one sprayer that does it all, the Commander is what you need. Below is just a partial list of material classes most commonly used with the Commander 2120 Sprayer.

- Aluminum Coatings & Emulsions (fibrated and non-fibrated)
- Asphalt Coatings & Emulsions (fibrated and non-fibrated)
- Primers
- Acrylic Latex Coatings
- Elastomerics
- Adhesives
- Mastics (fibrated and non-fibrated)

The Commander Sprayer gives the contractor top spraying performance and the versatility to cover a wide range of material applications in a wide variety of field conditions.



We've even built in a lock valve into the main cylinder to hold the cylinder down in the barrel.

A. Plug-in socket for optional 170 Mastic Heater is mounted to frame.

B. Direct coupled engine and pump reduces vibration and eliminates expensive couplings and pump mounts found on other models. Heavy-duty pressure-compensated piston pump with remote adjustment supplies the hydraulic pressure to the pump head. This fully adjustable piston pump is more powerful than standard vane pumps and can handle much higher heat ratings than competitive models. Both of these features mean higher performance with less wear and tear on the sprayer. The Commander hydraulic pump allows the operator to adjust hydraulic pressure, depending on the material being sprayed. Whether spraying light or heavy-bodied materials, this adjustable pump allows for perfect atomization of material at the spray tip.



Control panel keeps all the controls within easy reach and gives the operator the maximum amount of information.

A. Engine Choke

B. Engine Throttle

C. Battery Gauge

D. Ignition Switch

E. Main Cylinder Lift Valve

Hydraulic directional valve raises and lowers pump hydraulic lift cylinder into barrels or pails.

F. Pump Engagement Lever

G. System Pressure Gauge

H. Pressure Adjustment Valve

Our unique pressure gauge readings give the operator more information about how the sprayer is working. No other sprayer on the market can tell the operator what the pump pressure is and what the pressure at the tip is. We can—and it's a simple 3-to-1 ratio. Want 2000 lbs. of spray pressure at the tip? Dial in 660 lbs. of pump pressure and it's automatic. Want 3000 lbs.? Dial in 1000 lbs. It's that easy.



Pressure by-pass valve allows operator to prime the pump or safely depressurize pump for service work.



Hydraulic tank feeds the hydraulic pump and is mounted low in the frame to lower the center of gravity. The tank even comes with a sight gauge and a filter with gauge. The wide tank design of the hydraulic reservoir dissipates heat and keeps hydraulics operating at peak performance.



Pump Components

The major pump components have been specially engineered beyond standard shelf configurations to perform up to the high-volume, heavy-viscosity material requirements found in roofing and waterproofing operations. Overall pump operation provides the maximum amount of material pickup and delivery, smooth full-pressure gun operation, and complete atomization at the spray tip. Any contractor serious about spraying should demand the performance that only the Commander 2120 Sprayer can deliver.



Gun Options

There are three gun options available for the Commander 2120 Sprayer.



Our standard **Flo-Gun** works great for waterproofers or spraying vertical surfaces.



The **Mastic Pole Gun**, with its 3' extension and 45° bend, works great for roofing or spraying down onto flat surfaces while keeping both hands on the gun. Both the Flo-Gun and Mastic Pole gun feature a safety latch on the trigger to prevent accidental discharge.



The **Ball Valve Gun** has the same features as the mastic pole gun, except it features a heavy-duty ball valve that acts as the trigger. The ball valve can reduce operator fatigue by holding the spray valve open in a desired position.

All spray guns come with the **Reverse-A-Clean (RAC)** spray tip system. The RAC spray tip system allows the operator to rotate the spray tip within the housing to "blow out" clogged tips. When a tip gets clogged, rotate the spray tip to the reverse position, hit the trigger once, and rotate the tip back to the spray position—



it's that easy.

There's no longer a need to disassemble the gun.

Spray tips come in a variety of sizes, each of which is rated for a

particular "gallon per minute" (gpm) output and specific fan widths. With our **Spray Tip Selector Guide**, determining which tip is right for your application has never been easier.

2120 Sprayer

Optional Equipment

120H Sprayer

Our standard 120H Sprayer has many of the same features as our Commander 2120 Sprayer, with the addition of a built-in heater to warm high viscosity materials to make spraying in cooler weather possible. The built-in heater works by pumping the material being sprayed through a coil that is surrounded by hydraulic oil inside the oil reservoir.

A 120-volt heater in the oil reservoir heats the hydraulic oil, which in turn heats the material coil. As a result, material temperature at the spray tip can be raised 10°-15° warmer than the outside temperature. Where the material viscosity needs to be reduced slightly to improve spraying performance, the 120H Sprayer can be the perfect answer to extending your seasonal spraying window.



Bulk Tank Kit

The Commander 2120 Sprayer can even be adapted to connect to bulk capacity material totes, thereby eliminating the need for drums or pails of material. Our bulk tank kit will retrofit to existing sprayers in the field and can take less than an hour to attach.

Additional Hose Packages

The Commander 2120 Sprayer comes standard with 200' of 3/4" material hose and 15' of whip hose. The 3/4" hose length can be extended up to 600' in hot summer conditions. These longer hose lengths may require the addition of an auxiliary heater to maintain spray performance.



Cold Process Material Heater

Can it finally be true? A high production, cold process material heater that doesn't weigh 1000 lbs. or need to be moved by a forklift? The answer is—Yes! And the name is Hot Maxx from Garlock. Our Hot Maxx heater is the first of its kind to deliver high-production performance that will not only pay for itself twice as fast, but also will out-produce those big tanks. If you're looking for a machine that will pay you back in tangible "dollars-in-your-pocket" terms, then look no further—Hot Maxx is here!

The Hot Maxx is ideal for heavy mastics, elastomers, and aluminum and asphalt coatings and emulsions.



Commander 2120 Airless Sprayer Specifications

Weight (power unit)	750 lbs.
Weight (w/hose package)	950 lbs.
Length	69"
Width	44"
Height	66"
Engine (electric start)	18hp Kohler
PSI Rating	4500 psi
Pump Displacement	45:1
GPM Rating	up to 5 gpm
Hose	200' x 3/4"
	15' x 1/2" Whip
Spray Gun	3 Options

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