

GARLOCK

PaceSetter™



The PaceSetter Dual-Component Sprayer from Garlock sets a higher standard for the application of dual component materials. The PaceSetter sprayer will handle a variety of dual-component products such as low-rise adhesives, spray polyurethane foams and polyurea. Easy use, versatility, compactness, and affordability all are features designed to make the PaceSetter sprayer an indispensable part of your equipment fleet.

PACE-SETTER
DUAL-COMPONENT SPRAYER
Garlock Equipment Company

Why screw down insulation board when you can glue it down much faster? The PaceSetter™ sprayer combined with new low-rise adhesive products—such as Olympic Manufacturing Group's Olybond™ Adhesive—can in many cases reduce or eliminate the need for labor-intensive mechanical fasteners. The adhesive, when sprayed onto the roof deck, will rise 1/8"–1/4" and remain open for insulation placement for 5 minutes or so. The insulation boards are laid in over the adhesive with a full cure occurring in 15 minutes or less. That's it. Through-deck penetrations are reduced or eliminated and many applications have FM and UL approvals. We always recommend that you consult your local low-rise adhesive supplier for complete application restrictions and requirements.

When it comes to spraying spray polyurethane foam materials, PaceSetter performs second to none. Rated at 1 gpm, the PaceSetter sprayer can deliver 15+ squares an hour. If your clients are looking for a cool roof solution, spray polyurethane foam and the PaceSetter system may be your answer. Always be sure to consult your local spray polyurethane foam supplier for complete application restrictions and requirements.



PaceSetter is the right answer to your dual-component spray needs. The PaceSetter system comes with a wide variety of optional equipment to make your spraying operation as efficient and profitable as possible. When you step up to the PaceSetter line, you're stepping up to a quality product and top performance. Let Garlock and PaceSetter show you how.

PaceSetter is so easy to run. Start the generator and compressor, turn on the pump, open the material valves, and you'll be spraying in no time. It's about that easy. Let the machine do the work automatically, and let your operator concentrate on spraying and not on the machine. That's the PaceSetter way.

And only PaceSetter delivers a patented process of maintaining a precise 1:1 mixing ratio of "A" and "B" materials in a gear pump that virtually guarantees you will always have a consistent application of materials. There's no need to mix chemicals or worry about packings and seals wearing out and sending things off ratio. Everything is done automatically and consistently for you.

Being fully self-contained, PaceSetter gives you everything in a compact package. Other models require big compressors and generators to operate. Not so with PaceSetter. There's no material transfer pumps or pressurized containers required either. Everything you need to operate productively is conveniently packaged on one cart. The result is that you'll save money from our smart design. Go ahead—compare.

How versatile is PaceSetter?

The PaceSetter system used with dual-component low-rise adhesive materials can reduce or eliminate the need for mechanical fasteners over a wide variety of roof substrates in new or re-roof applications.



Some of the more common compatible substrates for low-rise adhesive use are:

- Lightweight structural concrete
- Poured-in-place structural concrete
- Pre-cast concrete
- Treated plywood (5/8" min. thickness)
- Various asphalt BUR smooth or graveled with 1/4" gravel or less
- Many steel decks (22 gauge or heavier)
- Existing sprayed in place polyurethane foam
- Cementitious wood fiber plank
- Base sheets
- Insulating concrete
- Gypsum

(Always consult your local low-rise adhesive supplier for complete application restrictions and requirements.)

Some compatible roof insulation for use with low-rise adhesives are:

- Expanded Polystyrene (EPS)
- Polyisocyanurate (ISO) 4' x 4' size
- HD Wood Fiber
- Dens-Deck®
- Perlite

(Always consult your local low-rise adhesive supplier for complete application restrictions and requirements.)



PaceSetter™ Pump System:

Full-panel instrumentation gives the operator complete control over the spraying operation. Controls include:

- A. Pressure gauges show hose pressure on "A" and "B" sides.
- B. Temperature gauges show hose temperature and pump temperature.
- C. Pump switch allows either manual or automatic operation of pump.
- D. Circuit breakers for hose heaters and main heater.
- E. Main power switch.
- F. "A" and "B" side internal heaters and hose heaters maintain consistent material temperatures up to 120°–140° on an average 70°+ day.
- G. Electric motor drives pump and patented material mixing operation. Precise 1:1 ratio of "A" and "B" material is delivered to the hose.



PaceSetter used with polyurethane foam can be applied over a variety of roof substrates, insulate wood or steel stud walls, seal around windows, and insulating and waterproofing concrete foundations. Of course, always check with the material manufacturer for application requirements and restrictions.

Typical applications of low rise adhesive are equal to 1/2 gallon of "A" and 1/2 gallon of "B" material per square. PaceSetter can deliver enough flow to install up to 400 squares of coverage per day. That's just under a square a minute. When spraying polyurethane foam, expect to cover 100+ squares in a day. That's averaging 12–15 squares an hour. You don't need to move any faster than that do you?

Gravity feed system virtually floods the pump with material and eliminates the need for expensive air-powered or hydraulic material transfer pumps. Transfer pumps must pump material out of the containers and into the pump itself. We eliminate all that and let gravity do the work for us, which keeps things simple and reliable. Forget about inadequate air pressure or worn packings and seals. We've got the better way.



The gap gun is where the actual material-mixing process occurs. Material from the separate "A" and "B" hoses is mixed in a chamber inside the gun. Air pressure from a small compressor operates the gun. For proper performance, the gun must be cleaned everyday after use. We even include a gun cleaning kit with every PaceSetter pump package.



Our material hoses are heated by incorporating a 110-volt heating filament right down the center of the material hose. This process utilizes 100% of the heat and speeds the heat transfer into the material much faster than hoses that are wrapped externally with heat tape. Available in 50' or 100' lengths, our hoses have a lightweight 10' whip hose added onto the main hose for easier handling and operator control.

PaceSetter™



Material containers usually come in 5 or 15 gallon containers. Both sizes can mount right on the cart with our tank saddles for easy transport.



Our built-in compressor supplies the air pressure to the gun. An optional air dryer attachment is available for humid conditions.



Wide flotation tires spread the weight of the load over a wide area and make pulling over rough surfaces easy. Built-in brake keeps cart from rolling, and built-in lifting cage protects vital components and makes hoisting to the roof simple.

Specifications

Weight	1025 lbs.
(complete less material tanks)	
Length (cart)	81"
Width (cart)	48"
Height (cart)	55"
Pump Output	1 gpm
Pump Electrical	30 amps @ 220 v
Max. Operating Temp	150°
(pump only)	
Operating Pressures	700 – 1200 psi max
Viscosity	600 cps max.
Max. Hose Length	110 feet
(incl. whip)	
Generator	9500 watts
Air Compressor	4 cfm

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A powerful 9500-watt generator with 18hp Honda electric-start engine is used to power the pump, compressor, and heaters. You'll have enough power left over to run some small hand tools.



Optional 3500-watt in-line preheaters can be used to raise material temperature 30° before the material reaches the pump. We recommend this preheating operation when seasonal temperatures fall below 70°. In cooler weather, be sure to keep your material containers in a warm enclosure.

