

# MAULDIN

## PRECISION SPRAY ASPHALT DISTRIBUTOR

- Automatic, Heated Clean-Out System
- Heated Asphalt Pump and Heated Solvent Tank
- 8-16 ft. Telescoping Spray Bar, Vertical Extensions to 24 ft.
- Internal Poppet Spray Valves
- Dual, Diesel Fired Burners with Auto-Thermostat Control
- 1000 - 3500 Gallon Truck Mounted Tanks
- Truck Mounted, Roll-On/Roll-Off, Trailer Mounted and Slip-in Units Available





# Precision Spray - Fully Automatic Aspha



The Precision Spray is leading the way in asphalt distributor innovation and technology. Companies nation wide are seeking a machine that is simple and easy to run and maybe more importantly, simple and easy to maintain.

## Telescoping Spraybar

Standard 8-16 ft. telescoping bar is the preferred bar by many material specialists. Production and ease of operation are at the core of its qualities.

## Asphalt Pump

High quality, high volume, heated 400 GPM asphalt pumps are found on every Precision Spray distributor. The pump center-line is located at the sump level of the tank for maximum performance.

## Double Flue Design

CBC engineering has incorporated a standard double flue design technology. This design is located very low in the tank to permit minimum start-up times, even at low tank levels. Maximum tube heating area and standard diesel burners yield short heating cycles.

## Automatic Clean-Out Cyle

Leading the way in design technology is the Precision Spray's exclusive heated, automatic clean-out cycle. Never has clean-up been so easy and simple. Clean-out that is done 100% of the time, accurately and without question. Simply turn master control to "Clean-Out" and press "Start."

## Master and Cab Controls

Safety first. This can be illustrated in the fact that whenever the master control is active, the cab control is completely inactive. No accidents by cab operator while performing various operations at the master control. Redundant cab control wiring harness and easy computer programmability translates into uptime.



PS2000 roll-on/roll-off. Maximize fleet operations by using a single chassis for multiple applications. MAULDIN specializes in truck mounted, roll-on/roll-off, slip-in and trailer mounted asphalt distributors to meet your specific needs.





# It Distributor



## Masters of the Mat

*If productivity, ease of operation and low maintenance are your requirements in an asphalt distributor... Precision Spray is the Answer!*



Load material using the Precision Spray 400 GPM asphalt pump. All pump functions pass through a single, self-cleaning strainer.



Precision Spray's exclusive center break-away system allows the bar to move if hit by an object.



Easy access to the heated asphalt pump & control valves make the Precision Spray very service friendly.

Calder Brothers Corporation is a leading manufacturer in asphalt related products including commercial pavers, asphalt rollers, tack-coat sprayers, maintainers, motor graders, water trucks and asphalt distributors. Building a quality product based on sound engineering practices and using field tested, time proven components is our focus.

CBC demands performance and reliability out of each machine we manufacture. These same demands are expected from our partners as well, helping us insure quality product with unmatched service and support.



# PRECISION SPRAY ASPHALT DISTRIBUTOR

<b>TANK CONSTRUCTION</b> - meets all applicable Federal Cargo Tank Regulations 49 CFR 173.247		<b>SPRAYBAR</b>	
Tank Shell	10 gauge Steel, Oval in Shape	Type	8' to 16' Telescoping with Straight-Line Start and Stop Automatic, Fully Circulating
Heads	7 gauge Steel, Dished and Flanged	Extensions	1', 2' and 4' Available, Vertically Folding
Surge Plate(s)	7 gauge Steel, Dished and Flanged	Breakaway	Center, Mechanical Breakaway System
Manhole	20" Diameter with Curbside Ladder Access and Spill Collar	Spray Valves	Internal Poppet, No Leak Design on 4" Centers Air Operated with Spring Assit
Tank Insulation	2" Mineral Wool on Front Head and Sides 4" Mineral Wool on Rear Head	Cross Section	12 cubic inch High Volume
Tank Skin	0.050" Aluminum Jacket	Spray Width Control	Electric/Hydraulic with 4" Control
Overflow	3" Internal	Spray Height Control	Electric/Hydraulic with Safety Chains
Contents Gauges	Front and Rear, Float Type, 100 gallon Increments	Travel Lock	Mechanical
Sampling Valve	Located on Front Head		
Capacities	1000 to 3500 gallon Truck Mounted or Roll-On/Roll-Off		
<b>ASPHALT PUMP</b>		<b>FLUSH/CLEAN-OUT SYSTEM</b>	
Type	Positive Displacement Rotary Gear Type	Type	Fully Automatic with Push Button Start
Flow	400 GPM	Solvent Tank	Self Contained, Environmentally Friendly 25+ gallon, Heated
Heat	Fully Heat Jacket Asphalt Pump	Components Cleaned	Asphalt Pump, Strainer Box, All Plumbing, Entire Spraybar, All Valves
Location	Pump Centerline Below Bottom Level of Tank Sump	Pre-Soak/Washdown	Air Operated, 15' Hose, Atomizes Solvent
Strainer System	Single Location, Auto-Cleaning, Quick-Change All Function Protection		
<b>HEATING SYSTEM</b>		<b>CONTROLS</b>	
Fuses	Two Fuse Tubes with Stainless Steel Liners	Master Controls	Located Rear Curbside, Pump Speed, Pump Direction, Load, Unload, Transfer, Tank Circulate, Hand Spray, Clean-Out, Burners On/Off, Cab Controls On/Off
Burners	Two, Diesel Fired with 25 gallon Tank	Cab Controls	Spray On/Off, Application Rate, Spray Width, Spray Distance, Pump Calibration, Travel Calibration, Application Rate Presets
Temperature Control	Automatic, Thermostatically Controlled 4" Dial and Pencil Thermometers		
Safety	Out-Fire Protection and Low Level Ignite Protection	<b>OTHER STANDARD EQUIPMENT</b>	
Controls	Blowers and Fuel on Separate Switches	Single Nozzle Hand Spray Attachment with 25' Hose, LED Lights, Redundant Wire	
Exhaust Stacks	Two, Rear Mounted, Insulated 14 gauge Stainless Construction	Harness between Master and Cab Controls, 8' Spray Curtain, Diamond Plate Fenders	

*Caldor Brothers Corporation reserves the right to make changes in engineering, design and specifications; add improvements; or discontinue manufacture at any time without notice or obligation.*

**Sold & Serviced by:**



**PSE EQUIPMENT**

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