

# *The* **Magic Spray** **2000**



*The Wave of the Future*

# **MAGIC WAND**

**CAR WASH SYSTEMS, INC.**

# The Magic Spray

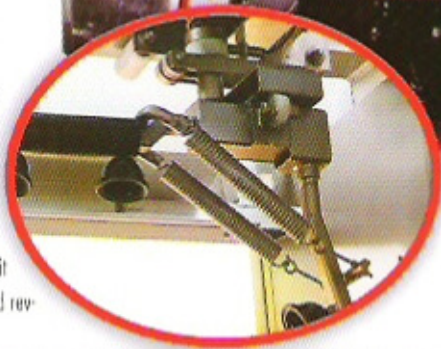
## A Better Wash With More Profit 2000

In 1983 Magic Wand introduced the Magic Spray Oval Track Automatic to the car wash industry. Magic Spray was the first new touchless technology since the 1950s. That unit progressed to the Magic Spray Size-O-Matic that sized vehicles automatically while providing Magic Wand's effective, reliable wash. In 1994, Magic Wand began production of a new unit, The Magic Spray Size-O-Matic II. The Size-O-Matic II combined the tested quality of our original touchless units with new computer and drive technology. The result was a totally reliable gantry system capable of on-board wash program and a self-diagnostic trouble shooting system. It included such options as Tri-Foam™, on-board oscillating side blower and on-board dryers.

Now, as we begin a new millennium, Magic Wand would like to introduce our newest touchless automatic—the Magic Spray 2000—again with updates in technology. Magic Wand has combined the quality and reliability of our original automatics with the latest ideas to provide a unit that is clearly superior. The Magic Spray 2000 can effectively wash every size vehicle including extended pick-up trucks, duallies and hi-top conversion vans.

The standard unit includes all of the features noted below. Our newest feature is the Three Directional Breakaway Wand (shown at right) which will move away from or go around any object it comes in contact with. This popular feature protects you and your automatic from customer negligence.

Optional upgrades such as our new on-board high impact bucklit sign package help to market optional upgrade cycles for increased revenue.



### Bay Accessories

- All aluminum frame with stainless side panels and light panels
- 30" painted steel travel track with removable pipe
- Travel track recirculating heat system
- Underspray with rocker panel blasters and mercury activated floor switch
- Mercury activated in place switch
- Galvanized steel guide rails
- Heavy duty plastic sign package available in blue or red
- Instruction sign

### Pumping Unit

- Watlow tank heaters for soap and presoak
- Gould 2HP low pressure supply pumps
- Automatic chemical mixers for wax and presoak
- 3535 CAT pump rated 35 GPM @1000 PSI
- IDEC FAJ2 programmable micro processor
- Self-diagnostic error code system with LED readout
- Onboard wash programming
- Thermal overhead kickout indicator light
- E.T.L. Approved



### **Undercarriage Spray**

As the car enters the cleaning area, high-powered jets of water are directed to the underbody of the vehicle—removing mud, dirt, and salt that endanger the life of the chassis.



### **Prespray**

Magic Wand was the first to use our patented two-step chemical process. The first step is to apply low PH prespray that loosens dirt and road film.



### **Soap**

The next step is to apply a high PH soap that penetrates and suspends the dirt so it can easily be rinsed away.



### **Tri-Foam™**

The foam blanket completely envelopes the vehicle's exterior—for a total cleaning job. With excellent cleaning power, the environmentally-friendly tri-color foam sets Magic Spray apart from the competition. (Optional)



### **High Pressure Oscillating Side Blasters**

Special high-pressure jets of water concentrate on this hard-to-reach area. (Optional)



### **High Pressure Spray Rinse**

The high-pressure spray finishes the job as it systematically rinses foam, dirt, dust, and devastating salt from the body of your vehicle.



### **Magic Dry**

Magic Spray ends with Magic Dry and a sparkling clean vehicle that's ready to hit the road. The dryer is especially effective on window areas, so vehicle owners can get underway without a chamois or squeegee. (Optional)



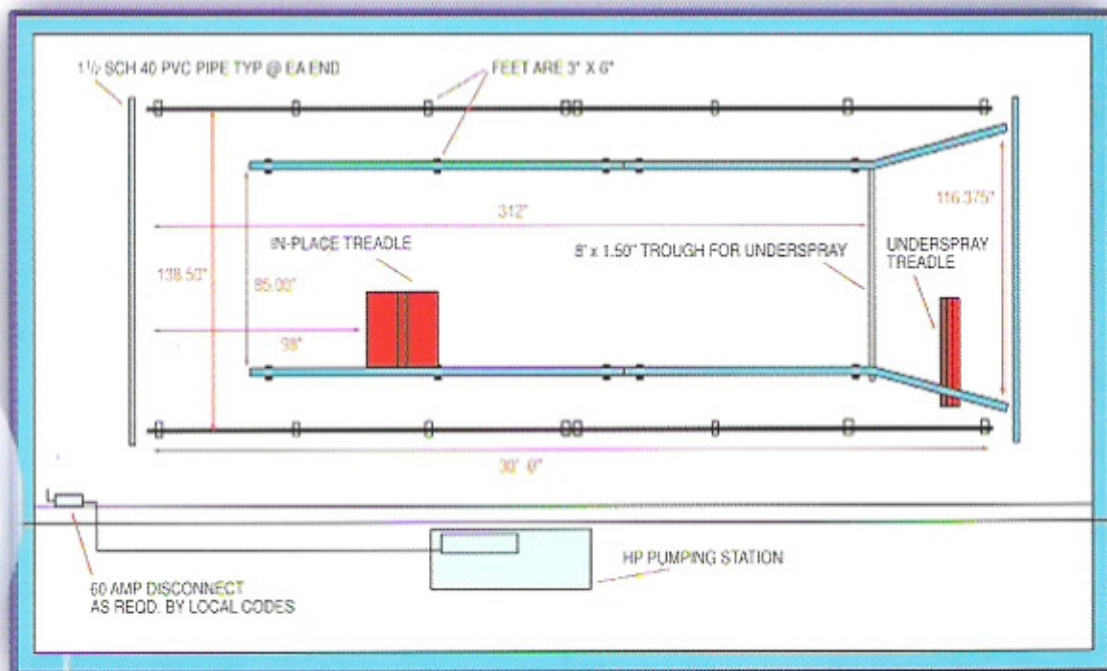
### **Sign Package**

Our new sign package puts Magic Spray's advantages front and center. It helps to market optional upgrades for increased revenue. (Optional)

## **The Most Versatile System**

Magic Spray can clean virtually any vehicle perfectly—including extended pick-up trucks, dualies and conversion vans. Magic Spray is computerized and attendance-free.





### **MAGIC SPRAY 2000 SPECIFICATIONS**

**HIGH PRESSURE UNIT**  
*Motor*  
 25 HP Electric Induction Motor,  
 3Ø Y Power System,  
 200/208/230/460V, 68.5 AMP, 1750 RPM  
*Pump*  
 CAT 3535, Operating at 1200 PSI

**PRESOAK UNIT**  
*Motor*  
 3450 RPM, 2 HP, 1Ø, 230V,  
 7.4 AMP centrifugal type (3 each)

**CARRIAGE**  
*Motor*  
 1/4 HP, 1725 RPM, 115/230V, 1Ø,  
 3.6 AMP (2 each)

**BRIDGE**  
*Motor*  
 1 HP, 3 Phase, 1800 RPM, 208/230V,  
 3.4 AMP (2 each)

**UTILITY REQUIREMENTS**  
*Water*  
 35 GPM water supply size 1" ID pipe,  
 38 gallons per vehicle  
*Electric*  
 150 AMP service to Power Pak 3Ø-4 wire

**SPACE REQUIREMENTS**  
*Bay Space Without Dryer*  
 Min. 15' wide x 32' long x 12' high  
*Bay Space With Dryer*  
 Min. 16' wide x 32' long x 12' high  
*Equipment Room Size*  
 Min. 6' wide x 12' long  
*Vehicle Clearance*  
 Standard, Max height 7'10"  
 max width 7'11" wheel base  
*Door Opening*  
 10' Minimum • 12' Ideal

### **MAGIC SPRAY 2000 Normal Bay Layout**

Magic Wand was the first company to manufacture a frictionless automatic system that would size vehicles. The Magic Spray 2000 is Magic Wand's most popular unit, and includes a gantry system and break away wand. The retractable arm atomizes the chemical, allowing the system to use less chemical than any other high pressure system on the market. The retractable arm maintains an electronically controlled distance from the vehicle, applying an even amount of chemical over the entire surface. These advantages give the best to owners and operators—a better wash with more profit.

### **Options**

Air assist for foaming chemicals  
 Backup light with floor switch  
 30 HP "Magic Dry" dryer  
 40 HP "Magic Dry" dryer  
 45 HP "Magic Dry" dryer  
 On-board spot-free rinse arch  
 Oscillating side blasters

Oscillating top blasters  
 Outside stop and go light  
 Wall mounted sign package  
 Lighted Sign Package  
 Stainless steel frame upgrade  
 Tri-Foam™



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