

# *The Magic Spray*

## *Oval Brushless Automatic*



**One of the most thoroughly designed and engineered pieces of equipment on the market today**

# The Magic Spray

## Oval Brushless Automatic

### Revolutionary Automatic Car Wash

Magic Wand has always been known for its superb dependability in the self-service carwash industry. We are now re-introducing the system that revolutionized the drive-through automatic branch of carwashing—the Magic Spray Oval Brushless Automatic.

This system is unique in its design and performance. The arm is engineered to atomize the chemical, causing the system to use less chemical than any other existing high-pressure system on the market today.

The Magic Spray Oval is one of the easiest systems to maintain because it has only one moving part—the gear motor, to drive the system. The direct drive system assures dependability.

The system is designed to adapt to most existing self-service car wash bays. The unit measures 14' x 24'4" x 10'6". Minimal installation time is required.

The Magic Spray Oval uses a computerized system needing no attendant as the auto-cashier takes your money and returns the

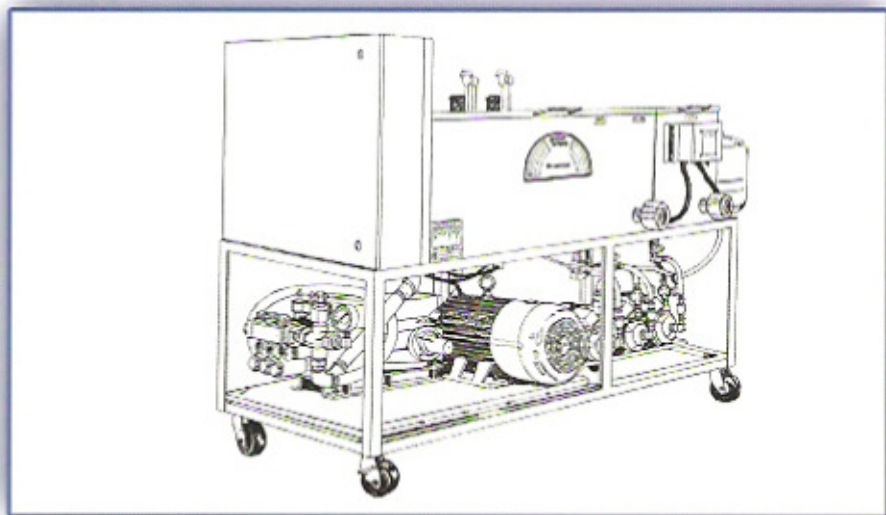
proper change. The computer monitors the complete process from the time the customer deposits his money until he exits the bay.

Washing time is only 2 minutes 15 seconds for the vehicle to receive a basic wash. The unit can be programmed for deluxe washes.

In the designing of this system, safety features were added to protect both the customer and the owner. The retractable arm breaks away if contact should be made with mirrors or trailer hitches on a vehicle. The arm automatically swings back to prevent damage.

Once you have seen the Magic Spray Oval in action, you will be convinced that brushless is better. We use only the finest materials and the quality of workmanship is evident. We can assure quality control because our own fabricating shop constructs each unit.

Optional POS system is available for the auto-cashier for use at gas stations or convenience stores.



*Magic Wand*  
**CAR WASH SYSTEMS, INC.**

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### SPECIFICATIONS

#### • HIGH PRESSURE UNIT

- **Motor**  
25HP Electric Induction Motor  
208/230/460 V, 68.5 Amp, 1750 RPM
- **Pump**  
CAT 3535, Operating at 1000 PSI

#### • PRE-SOAK UNIT

- **Motor**  
3450 RPM, 2 HP, 230 V,  
13.4 Amp centrifugal type
- **Carriage**  
1/4 HP, 1725 RPM, 115 V, 5.6 SFA

#### • UTILITY REQUIREMENTS

- **Water**  
35 GPM water supply size 1" ID pipe
- **Electric**  
150 Amp service to Power Pak  
30-4 wire

#### • SPACE REQUIREMENTS

- **Bay Space**  
Minimum—14' wide x 24'6" long  
x 10'6" high
- **Equipment Room Size**  
Approximately 6' wide x 12' long min.
- **Vehicle Clearance**  
Standard Max. ht. 7'5"  
Max. width 7'1" wheel base

- Cycle time is approximately 31 seconds per lap (4 laps per car)
- Holding tank is 29" wide x 48" long x 23" high
- Computer/High Pressure/Low Pressure unit is 65" high x 80" long x 32" wide—after installed: 39" wide
- Optional Powdered soap mixer
- Stainless steel tanks
- Fully automatic chemical dispensers
- Square D sy/MAX Model 50 Microprocessor or IDEC Model FA-21
- New compact starter feature has overload protector, reset button and ambient temperature compensator
- Wax system
- 3 Low pressure 2 HP Goulds pumps
- Heated track and freeze system
- Optional RO System (May be required in limited areas due to water quality)
- Optional whitewall systems available
- Optional POS system available for convenience stores and gas stations
- Optional on-board programming and self diagnostic trouble shooting system