

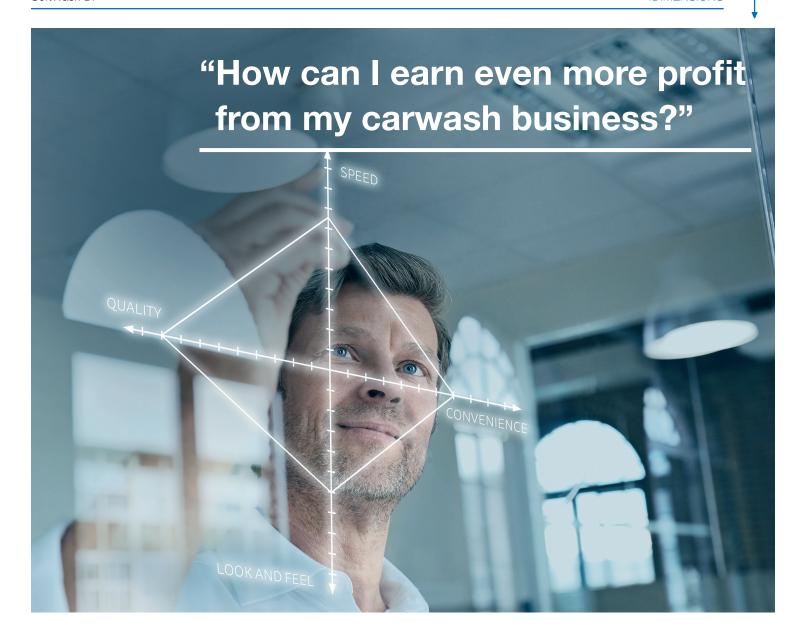
With the workhorse rollover system designed specifically for auto dealers.



SoftWash DF

Advantages for you and your customers.

- Boost service customer satisfaction by always returning their vehicles clean, shiny and dry.
- Reduce operating costs by using less water, chemicals and electricity than hand washing or other automatic wash systems.
- Create a new profit center by offering service customers upgraded wash programs or opening your carwash to the public.



4DIMENSIONS for a successful carwash.

Mark VII is the industry's first carwash manufacturer to provide a workhorse rollover platform for auto dealers that sets the standard for high-quality soft-touch washing.

Like no other system, SoftWash DF meets your customers' demanding requirements for wash quality, speed, ease of use and design — what we call the 4DIMENSIONS of a modern carwash.

SoftWash DF delivers an incredible vehicle shine combined with the business results you require. No other rollover on the market provides the ability to reduce operating costs while creating a new profit center for your business.

With 4DIMENSIONS, discover how SoftWash DF ensures maximum CSI ratings and more profits for you.



Specifications

DIMENSIONS

- Machine Height without dryer: 123" / 313cm
- Machine Height with on-board static dryer: 142" / 360cm
- Machine Width: 150" / 381cm
- Machine Depth at top: 72" / 183cm
- Machine Depth at bottom: 59" / 150cm
- Machine Weight: 3,000 lbs / 1,361 kg

VEHICLE CLEARANCE

- Height without on-board static dryer: 89" / 226cm
- Width at mirrors: 105" / 267cm
- Width at wheel brushes: 85" / 216cm

BAY SIZE

- Minimum Height without dryer: 125" / 318cm for standard energy chain, 155" / 394cm for narrow bay energy chain option, not including shims
- Minimum Height for on-board static dryer: 144" / 366cm, not including shims
- Minimum Width: 178" / 452cm (159" / 404cm with narrow bay option)
- Minimum Length for triple-brushing in front and back: maximum vehicle length + 144" / 366cm
- Minimum Length for double-brushing in front and triple-brushing in back: maximum vehicle length + 120" / 305cm

UTILITIES

- Electrical: 208-230 VAC 60Hz 3ø, 25 amp without dryer
- Electrical: 208-230 VAC 60Hz 3ø, 75 amp with 20 HP on-board dryer
- Electrical: 208-230 VAC 60Hz 3ø, 125 amp with 30 HP on-board dryer
- Minimum Water Pressure: 50 PSI / 3.5 bar
- Maximum Water Pressure: 80 PSI / 5.5 bar
- Minimum Water Demand: 20 GPM / 76 LPM
- Minimum Air Supply: 1/2" line with 80 PSI / 5.5 bar
- Maximum Air Supply: 150 PSI / 10.3 bar
- Air Consumption Demand:
 - Constant 1 CFM / 28 LPM
 - Intermittent 3 CFM / 85 LPM

CONSUMPTION BY CYCLE

	Time (min:sec)		Chemical (oz)		Water (gal)		Air (#^3)		Electricity (KW)	
	Volvo S40 Sedan	Ford Explorer SUV								
4-Pass Wash										
Brush + HubScrub	1:16	1:19	.5	.6	6.3	6.5	0.08	0.08	0.228	0.236
Brush	1:00	1:03			3.7	3.9	0.01	0.01	0.154	0.161
Wax	0:19	0:20	.8	.9	0.9	1.0			0.066	0.070
Spot Free Rinse	0:20	0:21			6.7	7.0			0.042	0.044
Total	2:55	3:03	1.00	1.00	17.6	18.3	0.09	0.09	0.490	0.511

2-Pass Wash										
Brush + Shampoo	1:00	1:03	1:00	1.25	3.7	3.9			0.154	0.161
Brush + Wax + Spot Free	1:00	1:03	1:00	1.00	11.3	12.7	0.01	0.01	0.256	0.269
Total	2:00	2:06	2.00	2.25	15.0	16.5	0.01	0.01	0.410	0.431

Technology to clean better.



SoftWash DF

Proven Technology

Built on the SoftWash XT® platform that washes thousands of cars each day at gas stations and independent carwashes throughout North America.

QUALITY



K-100 Controller

Provides unparalleled flexibility to create wash programs and control speed to ensure optimal cleaning results and maximize choices for the customer.



Finally — Clean Wheels

Our optional HubScrub® wheel cleaning system eliminates the number one complaint from carwash customers: dirty wheels.



SofTecs® Foam

Our patented soft foam material gently cleans and polishes while minimizing water and chemicals required to thoroughly clean the vehicle. SofTecs is safe for new cars and recently painted vehicles, and leaves no residue even on dark finishes.

4

Technology to lower operating costs.



All-Electric

Electric rotation and drive motors eliminate risk of messy hydraulic leaks found in other systems that can disrupt operations and impact customer service.



Self-Adjusting Side Washers Clean Better

Side washers angle out on the first pass and in on the second pass, ensuring that curved surfaces at the top and bottom are thoroughly scrubbed.



On-Board Chemicals

Chemicals are positioned inside the frame to eliminate the need for an equipment room or locating messy barrels inside the wash bay. Uses standard 5 gallon containers for easy handling.



Choice of On-Board or Freestanding Dryers

AquaDri dryers are designed to thoroughly shed water from the vehicle after washing. Available in several configurations to match your needs.

Highly efficient. Simple to use.



SoftWash DF

Contouring Spray Arms for Greater Efficiency

Contour-following spray arms stay close to the car, achieving excellent coverage while consuming less water and chemicals.



Different speeds for different needs

The controller gives you complete flexibility to customize wash packages for the different requirements you encounter. Cars needing only a quick touch-up can be cleaned quickly while cars that are dirtier receive extra treatment.



Easy to Operate

Several activation methods are available that require only minimal employee training. Options include a simple push button box, adding a card reader to your security system, and code or card-based entry systems that allow you to track usage by department or employee.



Variable frequency drives for speed control and safety

Drive motors are frequency controlled for smooth starting and stopping, less stress on components and enhanced safety for vehicles.

+

High performance drying with consistent results.

FREE STANDING DRYERS

AquaDri FS-Series dryers are designed to thoroughly shed water from the vehicle after washing. Producer positions are adjustable to obtain the best nozzle angles toward the car for the ultimate dry.

Available in 30/40/50/60 HP configurations to match your needs



AquaDri E-Series dryers are designed to move back and forth over a stationary vehicle while each nozzle automatically adjusts to the direction of travel to push water off the top and down the sides.

Available in 20/30 HP configurations to match your needs.

ON-BOARD CONTOURING DRYER

Exclusively designed for Mark VII rollovers, the AquaDri C-15 contouring dryer is integrated into the gantry. Two 7.5HP motors produce high velocity air (over 140 mph at the nozzle) through an array of nozzles that distribute the air across the car.







DRYER SOUND LEVELS

AquaDri [®]	Entrance End					Exit End					
	dBA @ 10'	dBA @ 20'	dBA @ 30'	dBA @ 40'	dBA @ 50'	dBA @ 10'	dBA @ 20'	dBA @ 30'	dBA @ 40'	dBA @ 50'	
FS-30 Dryer	86	84	80	76	74	82	79	75	74	73	
FS-40 Dryer	88	86	81	78	75	83	79	76	74	74	
E-20 Dryer	84	82	78	74	72	83	80	75	73	71	
E-30 Dryer	85	83	80	76	74	84	81	78	75	72	
C-15 Dryer	92	88	84	80	77	90	86	82	80	77	

Total Carwash Care

Marketing

SoftWash DF

The right merchandising can help drive traffic—and profits. Mark VII offers customized site marketing options, video marketing, and digital marketing assistance.

Service

Even if you don't have a service contract with Mark VII, you can still benefit from our national service network. No matter where your site is located, our highly qualified vehicle wash service technicians are ready.

General Service Technician rates will vary based on your service contract. Please see our programs and options below.

Programs and Options

Mark VII aims to provide customers with a Total Carwash Care service when they buy Mark VII equipment. We have two service options to meet your needs. Please see the options below and ask a representative for more information about each option.

Advanced Service Plan

- Multi Year Plan
- Urgent Service
- Routine Service
- Preventative Maintenance
- Reporting
- Monthly Flat Fee

On-demand Service Plan

- Repairs
- Preventative Maintenance
- Reporting

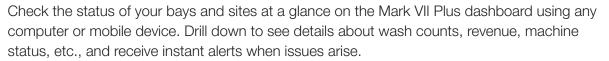
Visit www.markvii.net/service for full details.

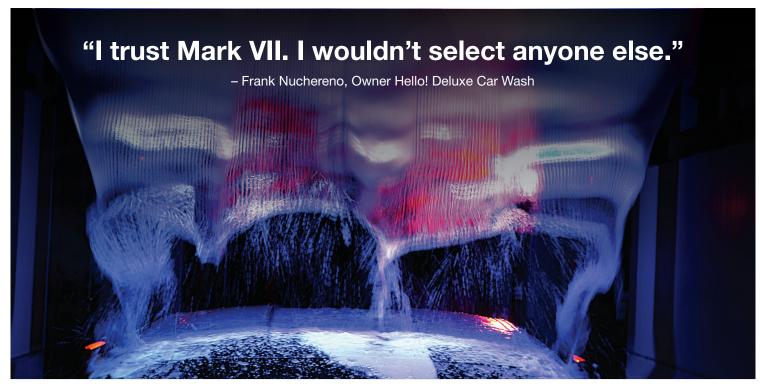




Online carwash management: Mark VII Plus.







Chemicals Designed for the ChoiceWash XT



Achieving a Clean, Dry, and Shiny car is our promise. At Mark VII Equipment, our continued focus on carwash chemistry provides our customers with the most efficient cleaning and polishing products in the industry. Our trained staff, with knowledge beyond chemistry, has in depth experience with how mechanical and chemistry come together to maximize wash quality.

What to expect from our chemicals

- Chemicals designed to clean, polish, and protect in the fastest
- Packaging options to maximize backroom space constraints
- Aggressive on soil, easy on machine and vehicles

Selecting the right chemical technology for your equipment and your local cleaning challenges is critical to creating happy customers and growing your business.

Advanced Chemical Plan

With included refill checks, chemical performance monitoring and a "don't runout" guaruntee, our Advanced Chemical Plan gives you all the time and resources to focus on your business and avoid tedious chemical tasks.



- 1-3 year contact or up to 3 year contact
- · Installation and empty container removal
- Free Marketing at agreement signing



Mainenance

Reloading

Chemical performance monitoring included ensuring premium performance with every wash

Hassle-Free Guarantee

- Chemicals delivered on-site with minimal delivery fee
- Installation and empty container removal



Purchase by Container

On-Demand Chemical Plan

While some prefer to have a long-term approach, the On-Demand Chemical Plan allows you to keep chemical tabs and still receive chemical performance monitoring, so you can order chemicals at your specific desired time.

No contract

Chemical performance monitoring is not included but is available upon request for an hourly fee

Installation and removal of empty containers are available upon request for a flat fee

Pay as You Go

- Prices are subject to change
- Shipment charge is based on volume and distance

Car wash means WashTec/Mark VII. Worldwide.









More than **35,000** carwashes worldwide.

WashTec/Mark VII equipment washes over 2.75 million vehicles a day around the globe.

Driving carwash growth in over 70 countries.

More than 1,700 employees help us shape the future of the carwash business, including over 600 service technicians.

Over **50** years of carwash innovation.

We set the standards in the **carwash business** – and actively push the market forward.

We are focused on providing clean, dry, shiny cars.

www.markvii.net









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