

 VON SCHRADER®

# ***Lmx***<sup>TM</sup>

Low Moisture Soil Extraction Carpet Cleaning System

**Air Cell Extraction<sup>TM</sup> with Encapsulation**



**Fast • Easy • Convenient**





# LMX™

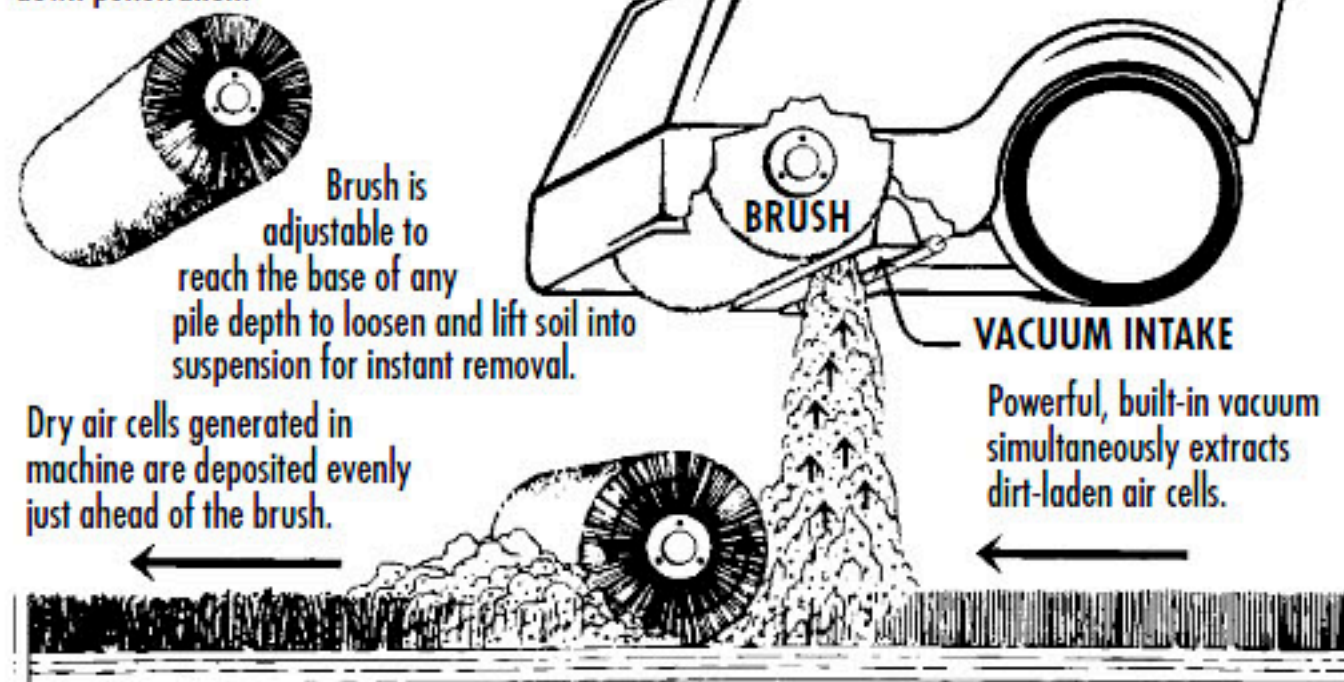
## Low Moisture Soil Extraction Carpet Cleaning System

The LMX™ system converts the Von Schrader Certified Advanced Air Cell cleaning solution into low moisture, anti-resoiling air cell bubbles. These cleaning bubbles are fed into the brushing chamber where an exclusive full bristle brush gently loosens and dissolves soil. The emulsified soil is suspended in the air cell bubbles. It is simultaneously extracted by the built-in vacuum system, by one person, all in one forward pass.

Carpets are deep cleaned faster and they dry quicker than with other systems. Another benefit, low moisture means no risk of mildew caused by over wetting.

### HOW IT WORKS DIAGRAM:

Over 15,000 soft pliable nylon bristles of this cylindrical brush assure thorough, deep-down penetration.



### Easy to operate

No special skill (or strength) is needed to operate the system. Regular maintenance staff will do a professional job every time. JUST FILL THE TANK, PRESS TWO SWITCHES AND GO.

### Lightweight, compact, portable

The minimal weight provides optimal balance which speeds up the cleaning process, reducing operator fatigue.

The handle collapses and the tank is easily removed for space-saving storage and transporting.

### Simple to access

The hood is easily removed for ready access to the entire system. Adjustments or do-it-yourself part replacements are done quickly with no specialized service tools. Downtime and labor costs are minimized.



### Von Schrader Builds High Quality Custom Machines

The heavy duty extruded aluminum frame has reinforced aluminum housing. It is designed to

withstand tough use and abuse.

Nonmarking rear wheels allow the system to move forward and tilt backwards for more convenient maneuvering. This simplifies stair climbing and moving from location to location.



### Immediate Soil Extraction Clear See-Through Recovery Tank

The tank slides out for easy emptying. The auto-

matic defoaming system converts air cell bubbles back into a liquid solution.



### Special Stiff Brush Available for Low Profile Carpet

A thicker, stiffer black bristle brush is more aggressive than our standard white bristle brush which makes it

extremely effective for commercial applications where carpet is severely soiled with oily deposits and deeply embedded soil. It speeds up restoration and cuts labor costs.

### Customer Service and Training

- Complete factory supported toll free call center 800-626-6916
- DVD & Hardcover Instruction Manuals
- State-of-the-art training facility at factory and across the country



# Von Schrader Manufactures the Correct Cleaning Solutions to Meet Your Needs.



All of Von Schrader detergents are engineered to be state-of-the-art. They are of the highest quality and greatest value. These cleaning products demonstrably give the best results.

Our super concentrated, anti-resoiling, cleaning solution reduces costs and increases performance in the LMX system. It is formulated to be strong enough to remove deeply embedded oily soil in just one pass. This works on both synthetic and natural carpet fibers. It is gentle enough to clean without damage to the fibers and is Green Seal Certified. This cleaning solution has high margins of safety for optimum performance. One gallon of concentrate cleans up to 3,200 sq. ft. at about one cent per square foot.

The Pictures Below Are LMX System Results.



## Other Features & Benefits of the System:

- Uses Air Cell Cleaning Bubbles not gallons of water and eliminates problems associated with wet extraction.
- Dries quickly, often in less than one hour, reducing down time.
- Extracts and encapsulates soil so carpets stay cleaner longer.
- The LMX is an integrated system which makes it easy to use. It's so unique that it is patented.
- Advanced air cell technology makes cleaning fast, easy, convenient and is the best way to clean carpets.
- The (Certified Advanced Air Cell Formula) seal of approval on our bottle assures you optimum performance and results from the LMX system.

## Wetness Comparison

Each photo shows what happens when air cells or liquid are applied to paper napkins by two different methods of extraction cleaning.

30 seconds elapsed time



Air Cell Controlled

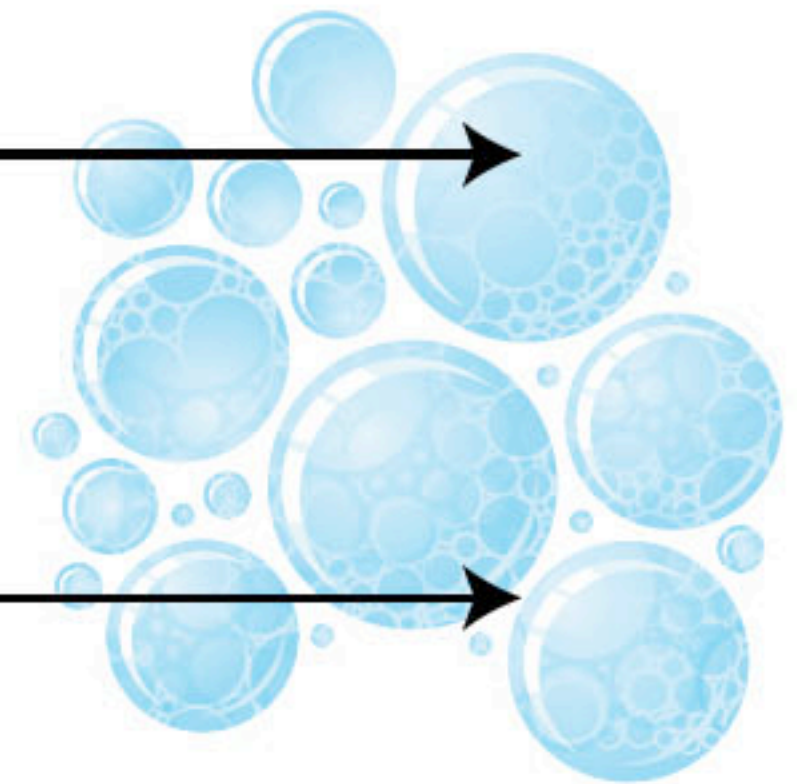
Liquid Loss of Control

Air Cell Extraction™ technology uses thousands of tiny Air Cells which are 90% air and only 10% moisture. Notice the limited wetting and migration of Air Cells on the left compared to an equal volume of competitive solution on the right. Air cells control the cleaning process and problems associated with over wetting carpet.

## Von Schrader Air Cell Technology Minimizes Moisture! Avoids Over Wetting!

**Air Cell Bubbles Help Overcome Gravity, Control Moisture and Suspend Soil. Plus it's Anti-Resoiling.**

**Microscopically Thin Layer of our Advanced Cleaning Formula Deep Cleans and Encapsulates to Trap and Hold Dirt.**



## Safe for people, pets, carpet and the environment.


Our cleaning process uses gentle, biodegradable, nontoxic, and fragrance-free cleaning agents that leave no sticky or oily residue to attract and hold soil.



- Green Seal Certified
- WoolSafe approved
- Carpet Mill recommended
- Champion Status E.P.A. SDSI
- Boeing Aircraft approved



# Lmx™ System Specifications

Dimensions	Length 24" Width 17-1/2" Height 15-1/2" (less handle and detergent tank). 36" floor to top of handle.	Controls	2 illuminated rocker type switches mounted on handle. (Color coded control panel.) Red - Motor and light control. White - Controls detergent through electric solenoid valve.
Shipping Weight	75 pounds.	Defoaming Process	Liquidator added directly into the liquidator tank which defoams soiled bubbles for easy disposal.
Net Weight	62 pounds.	Color	Von Schrader steel gray hood and speckled gray detergent tank. Clear recovery tank. Steel Components - black epoxy painted for durability.
Handle	Collapsible.	Power Supply Cord	40 foot, non-marring, 3-wire, safety yellow detachable.
Solution Tank Capacity	5 gallons, hood mounted. Detachable. Molded hand grip.	Operating Principle	One pass. Air and detergent are mixed under pressure to generate a dense, low moisture cleaning agent discharged ahead of the machine and cylindrical nylon brush. The brush applies aerated detergent to loosen dirt from base to tip of each carpet fiber. Dirt held in suspension is removed by vacuum located immediately behind the brush. Vacuum lifts dirt, depositing it in recovery tank where cleaning agent is reduced to liquid for easy disposal.
Dirty Solution		Drying Time	From 1 hour to less than 2 hours, depending on environmental humidity and carpet pile depth and density.
Recovery Tank Capacity	3 gallons, clear, "see-through".	Warranty	1 year warranty.
Power Supply	110-120 volt, 50-60 Hertz, 7.7 Amperes. 220 volt available, 50-60 Hertz, 3.8 Amperes		Made in U.S.A. 
Wattage	860 watts		
Motor	3/4 HP @ 10,000 RPM (full load) with permanently lubricated bearings		
Transmission	Primary Drive Train - Helical gears permanently lubricated. Secondary Drive Train - Belt Drive.		
Brush Construction	Rigid vinyl core, with 1-1/8" tynex bristles secured by 3 layers of epoxy resin-impregnated heavy cord. Length - 13" Diameter - 4-3/4" Stiff bristle brush available.		
Detergent Flow Control	Adjustable flow output, slow to fast.		

## Green Cleaning That Really Works



WORLDWIDE AVAILABILITY - Von Schrader equipment is available in every U.S. and Canadian city and most countries of the world.

## OTHER QUALITY CLEANING SYSTEMS FROM VON SCHRADER

Industry Sales Leader in High Speed Extraction



MACH 12 High Speed Extraction System™

Recommended and Approved for Safe Delicate Fabrics and Industrial Leather Cleaning



Esprit Upholstery Extraction System™



ARIDEX Upholstery Extraction System™

Contact us for a personal test today!

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115280, г. Москва, ул. Восточная, 10, оф. 4  
 +7 (495) 766-25-02; +7 (495) 223-88-86/87  
[www.cleandry.ru](http://www.cleandry.ru)



1600 Junction Avenue Racine, WI 53403  
 Tel: 262-634-1956 Fax: 262-634-2888  
 800-626-6916 [www.vonschrader.com](http://www.vonschrader.com)