

AUOTMATIC VEHICLE WASH MACHINES

Smart cleaning technology for tomorrow's world

NO 1



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Website
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Experience Innovation Everyday



At Varadom Technologies Pvt. Ltd., we specialize in delivering a complete range of customized cleaning solutions designed to meet the diverse requirements of industries and businesses – from small workshops to large-scale facilities. Each system is engineered with a focus on efficiency, durability, and ease of operation, ensuring consistent results with minimal effort.

Our solutions combine advanced technology with user-friendly features, providing thorough, reliable, and sustainable cleaning performance. From tackling stubborn dirt and grease to applying intelligent cleaning processes and ensuring spotless finishes, every cycle is optimized to save time, water, and manpower while enhancing productivity and customer satisfaction.

With options ranging from basic models for quick applications to advanced variants with smart controls and water recycling features, we provide solutions that perfectly align with operational scale, budget, and business needs.

Varadom Technologies – Smart Cleaning Technology for Tomorrow's World.

Why Choose Us?

- ◆ Advanced Engineering – Designed with precision and cutting-edge automation to deliver consistent and high-quality washes every time.
- ◆ Strong & Long-Lasting Build – Built with robust materials and corrosion-resistant structure to ensure durability in heavy-duty usage.
- ◆ Smart Automation – Intelligent sensors and controls provide a seamless wash cycle with minimal manual intervention.
- ◆ Eco-Friendly Operation – Optimized water and energy consumption to make car washing more sustainable and cost-effective.
- ◆ Dedicated Service Network – Our skilled technical team ensures quick support, regular maintenance, and hassle-free operation.



VARADOM
TECHNOLOGIES PVT LTD

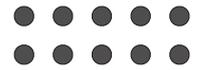


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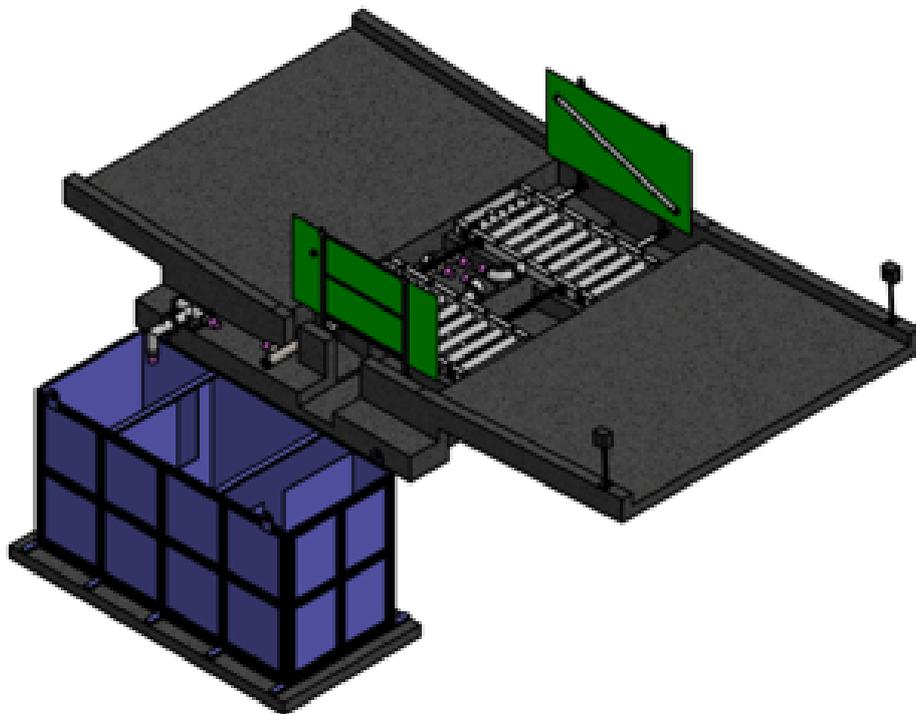
Automatic Vehicle Wash -



AUTOMATIC WHEEL WASH

For over seven years, the VARADOM brand has been a symbol of performance, first-class quality, and innovative yet cost-effective solutions in vehicle cleaning technology. Known globally for its advanced systems, VARADOM offers a wide range of modular models for construction sites as well as tailor-made solutions for customers requiring customized wheel wash systems.

Although achieving 100% clean wheels is technically impossible, VARADOM ensures the highest possible cleaning performance within the given budget. With a diverse range of models, the brand provides the perfect balance between cost and washing efficiency, making it suitable for a wide variety of industries.



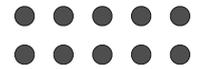


Key Features –

- Drive-through Design: Length – 400 cm; Passage width – 280 cm.
- Heavy Load Capacity: Maximum axle load of up to 15.0 t.
- Efficient Nozzle System: 125 strategically placed bottom and side nozzles for intensive wheel and chassis cleaning.
- Durable Structure: Galvanised, water-bearing wash units with splash guard walls (136 cm height).
- High Pumping Capacity: Maximum pumping rate of 200 l/min with robust immersion pumps.
- Water Recycling System: 10 m³ recycling tank with return channels and sieves for sedimentation and reuse of water.
- Automated Operation: Optical sensors trigger the washing process, with adjustable washing duration through timer-controlled relays.
- Compact & Strong Build: Total system weight approx. 6000 kg, ready to ship.

Benefits –

- Effective Wheel & Chassis Cleaning: Intensive cleaning achieved in just one-wheel rotation.
- Eco-Friendly Operations: Advanced recycling ensures water conservation and reduced wastage.
- Minimal Manual Intervention: Fully automated washing triggered by vehicle sensors.
- Enhanced Tyre Cleaning: Specially designed nozzle patterns and kneading effect of angled profiles ensure deep tyre tread cleaning.
- Safety Focused: Critical visibility areas like windows and mirrors are intentionally left untouched to ensure the driver's clear view.
- Low Maintenance: Galvanised components, robust pumps, and durable nozzle design ensure long-lasting reliability.



Applications -

- **Construction Sites:**
Prevents dirt and debris from leaving construction areas and polluting public roads.
- **Quarries & Mining Sites:**
Ensures heavy vehicles remain compliant with road safety and environmental standards.
- **Industrial Plants:**
Reduces contamination risks by cleaning vehicles before entering/exiting sensitive zones.
- **Municipal & Infrastructure Projects:**
Keeps urban development areas clean and reduces dust/mud spread.

