

## **Segriwax- Waxing & Cleaning Machine by Segritech**

Compact, Portable, High-Speed Cleaning & Waxing System for Fresh Produce

### **1. Product Introduction:**

Segriwax™ is a next-generation fruit cleaning and waxing machine tailored for India's decentralized post-harvest ecosystem.

Designed for efficiency, affordability, and mobility, Segriwax brings industrial-grade performance into a compact, field-deployable solution. Whether you're a farmer looking to enhance shelf life, or an exporter aiming for retail-grade presentation — Segriwax delivers the finish your produce deserves.

### **2. Product Image:**



## 2. Technical Specifications

Parameter	Details
Machine Name	Segriwax™ – Compact Waxing Line
Functionality	Cleaning, Waxing, or Combined
Capacity	Up to 10 tons per hour
Transportability	Portable – Fits in 12 ft. loading space
Power Requirement	Single/three Phase, 230V AC, <2 kW
Size (Approx.)	10 ft L × 4 ft W × 4.5 ft H (stackable)
Structure Material	Stainless Steel (Food Grade) + Mild Steel
Brush System	Soft nylon/sisal brush rollers
Wax Application System	Spray + Polishing Drum
Cleaning Features	Dual Spray Line + Debris Filter
Water Use (Cleaning Mode)	Recyclable, ~100–150 L/hr (with reuse tank)
Wax Compatible	Shellac-based, natural fruit waxes

## 3. Benefits

### ✓ Improved Shelf Life

Protects fruit from moisture loss and oxidation using natural wax coating.

### ✓ Enhanced Marketability

Glossy finish improves visual appeal, resulting in 5–15% higher average selling price.

### ✓ Minimized Spoilage

Cleans dirt, pesticide residues, and fungal spores — reducing risk of rot during transit or storage.

### ✓ Standardization for Exports

Helps small packhouses match export specifications demanded by institutional and foreign buyers.

## 4. Core Capabilities

### ✓ Dual Operation Modes-

Choose between cleaning, waxing, or combined operation, depending on crop type, market requirement, and processing flow.

### ✓ High Capacity, Compact Design-

With a throughput of up to 10 tons per hour, Segriwax handles bulk loads without occupying the floor space of traditional machinery.

### ✓ Transport-Ready Mobility-

Engineered to fit into a 12-foot vehicle, making it perfect for mobile packhouses, shared usage models, and seasonal deployments across regions.

### ✓ Low Power Operation-

Optimized to run on standard 230V AC supply, suitable for rural packhouses and off-grid setups with generator or solar backup.

### ✓ Fast Setup, Easy Maintenance-

Modular design ensures installation in under 2 hours and simplified maintenance with minimal training.

## 5. Target Crops & User Segments

### Fruits:

**Apple, Citrus (Orange, Kinnow, Mandarin, Sweetlime), Mango**

Small & Medium Packhouses-

High-speed finishing line before packing and dispatch

Farmers & FPOs-

Enhancing shelf life and market appeal for local mandis or exports

Traders & Commission Agents-

Quick polish & cleaning for resale at higher margins

Exporters-

Meeting cosmetic requirements of retail and international buyers

## 6. Why Segritech?


- **Made in India Technology:** Purpose-built for Indian farmers and exporters. Specially designed for the Indian agri economy—robust, serviceable, and portable.
- **Food-Grade Certified Materials-** To ensure safety, hygiene, and regulatory compliance, Segriwax uses only food-grade contact materials for all surfaces that interact directly with fruits during cleaning and waxing.
- **Trusted by Leaders:** Developed under guidance from the IIT Bombay & IIIT-Hyderabad ecosystem, TiE Global network, and field validation with leading agri players.
- **Committed to Excellence:** Cutting edge technology provider, prompt support, and continuous R&D for evolving crop needs.


## 7. Contact Information

**Segritech (Tikkly Agro Solution Pvt. Ltd.)**

Jaipur | Hyderabad

 Website: <https://segritech.com>

 Phone: +91-93588 59955

 Email: [info@segritech.com](mailto:info@segritech.com) | [hetendra@segritech.com](mailto:hetendra@segritech.com)

 WhatsApp Support: +91-93588 59955

 LinkedIn: [linkedin.com/company/segritech](https://www.linkedin.com/company/segritech)