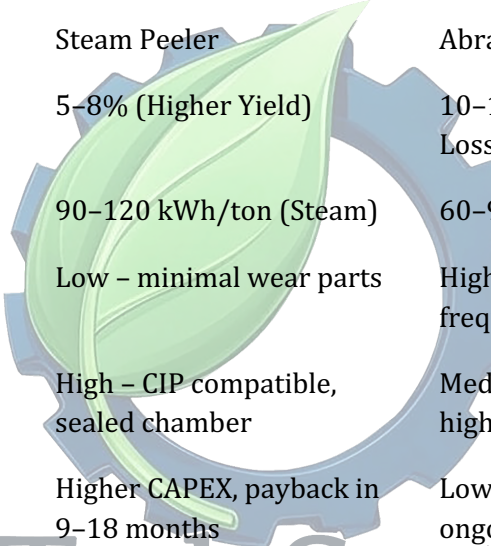


Steam Peeler vs Abrasive Peeler – Yield & Energy Efficiency Comparison

This technical guide compares Steam Peeling and Abrasive Peeling technologies for vegetable processing plants. It highlights yield loss, energy consumption, maintenance requirements, and ROI impact to help engineering and operations teams make informed investment decisions.



Factor	Steam Peeler	Abrasive Peeler
Yield Loss	5-8% (Higher Yield)	10-15% (Higher Product Loss)
Energy Consumption	90-120 kWh/ton (Steam)	60-90 kWh/ton (Electric)
Maintenance	Low – minimal wear parts	High – rollers require frequent replacement
Hygiene	High – CIP compatible, sealed chamber	Medium – open system, higher contamination risk
Investment	Higher CAPEX, payback in 9-18 months	Lower CAPEX but more ongoing losses

Want a custom ROI calculation based on your current peel loss and utility costs? Contact Request at: sales@vegtechsystems.com | www.vegtechsystems.com