

HARVY vs Hand-Picker

Transitioning from unpredictable seasonal labor to the HARVY500 high-efficiency fixed asset allows growers to stabilize operations and reduce overall harvesting expenses by up to 75%.



HARVY®
500



Hand-Picker

Labor Requirement	Replaces 50–100 workers	Requires large seasonal crews
Operating Hours	Up to 20 hrs/day (incl. night harvest)	Limited to daylight & labor availability
Consistency	Predictable, uniform output	Highly variable by picker
Fruit Handling	Soft-Touch system minimizes bruising	Gentle, but inconsistent handling
Ground Loss	3–7% (comparable to hand)	~2–5% (best picker, varies widely)
Harvest Speed	High throughput, scalable	Slower, dependent on crew size
Data & Insights	Real-time data, GPS tracking, analytics	No data capture
Harvest Flexibility	Night harvesting possible	Daytime only
Labor Cost	Significantly reduced	Highest operational cost
Operational Model	Tech-enabled, scalable system	Labor-intensive management
Sustainability	Electric, solar-powered, zero emissions	Fuel, labor cost and availability
Harvest Timing Control	Harvest when optimal	Harvest when labor is available
Labor Dependency	Lower (one operator)	High (labor availability)
ROI	Payback in 2-4 years	Ongoing rising labor costs