



A NEW AGE, FULLY INDIGENOUS, MINI TEA HARVESTER



VIJAYSHREE
AUTOCOM
LIMITED



Agri Ideas[®]

Plucky is 100% indigenous – having been fully designed, developed and manufactured in India by Vijayshree Autocom Limited (VAL).

The DM Group is both the producer and user of Plucky, with VAL manufacturing the machine and the tea gardens of the Group using it.

Plucky has been refined on the basis of actual user feedback so as to overcome the deficiencies of older harvesters & plucking machines.

Plucky is light-weight, ergonomically designed to reduce fatigue and simple to use, making it a women – friendly plucking machine.



PLUCKY vs Chinese Battery Powered Machines:

- 3 month functional warranty.
- 100% Indigenous with guaranteed availability of spares at reasonable rates.
- Access to local ecosystem for training support & maintenance.
- Modular design with possibility of future upgrades without replacement of machines.
- Simplified charging infrastructure with multi-point Energisers capable of charging up-to 15 battery packs simultaneously.

Vs Gasoline Powered Harvesters

Particulars	Plucky	Earlier Generation Harvesters
Origin	100% indigenous	Imported– Japanese and Chinese origins
Weight	Light Weight – only 2.1 kg	Extremely heavy – 10–15 kg
Power	Electric	Gasoline powered Engine
Capital Cost	Low	Extremely High – 7x – 10x of Plucky
Energy Cost	Extremely low– approximately 0.5 Units of electricity per machine per day	Extremely High – approximately 3 litres of gasoline per machine per day
Persons required	Single Operator	2 – 4 Operators depending on the model
Plucking average per day	70 Kg + per plucker per day*	50 Kg per plucker per day
Maintenance	Low number of moving parts Low friction – highly energy efficient Minimum lubrication and daily maintenance Easily available indigenous spares at low cost	High number of moving parts High friction – highly energy efficient High lubrication and daily maintenance Imported spares with poor availability and high costs

*Trained operators can pluck up-to 125 kg to 150 kg per day subject to sectional yield and round days being maintained.

Technical Specifications & Features

- Cutting width of 300 mm.
- Machine weight of only 2.1 kg (Battery weight extra).
- 24V battery pack required – Lead Acid & Lithium Ion options available.
- Simplified charging infrastructure through a Multi-Point energiser Unit capable of charging upto 15 battery packs at a time.
- In-built mechanical and electrical safeguards.

PLUCKY Energisers



15 point Energiser



2 point Energiser

Charging time < 2 hours

Manufactured At:

Vijayshree Autocom Limited
Premises # 9, 5th Phase
Industrial Area, Gamharia
Dist- Seraikela - Kharsawan
Jharkhand 832 108

Marketing Office:

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West Bengal Service Centre:

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