

RUBBER BOARD INDIA APPROVED BH-RT RUBBER TREE TAPPING MACHINES

RUBBER TAPPING MADE EASY

This is a highly efficient and reliable Internationally Patented Made In India technology product manufactured by us for rubber tree tapping for the first time in the world.

The Rubber Board India's, Rubber Research Institute (RRI) in Kottayam, Kerala has evaluated and approved this BHRT machines performance through field trials for more than a year.

Please Scan the QR code or click the link below the QR code to view Rubber Board India RRII approval letter. RRII Rubber Board has listed the following advantages of using BHRT over traditional jabong knife -

1. Satisfactory Latex Yield.
2. Guards against bark injury.
3. Regulates bark consumption.
4. Easy to use by anyone who is not a skilled tapper.
5. Prolongs the economic life of rubber plantations.



Approval letter



Bholanath has introduced for the 1st time in the world Rubber Board India approved , internationally patented, Highly efficient, easy to use rubber tree tapping machine models BH-RT-2000 and BH-RT-3000VT.



Model BH-RT-2000- A heavy duty high torque Rubber Tapping Machine for Virgin trees to Slaughter trees.

Please Scan the QR code or click the link below the QR code to watch videos.



BH-RT-2000



BH-RT-2000



Model BH-RT-3000VT - A sleek model for new Virgin trees.

Please Scan the QR code or click the link below the QR code to watch videos.



BH-RT-3000VT

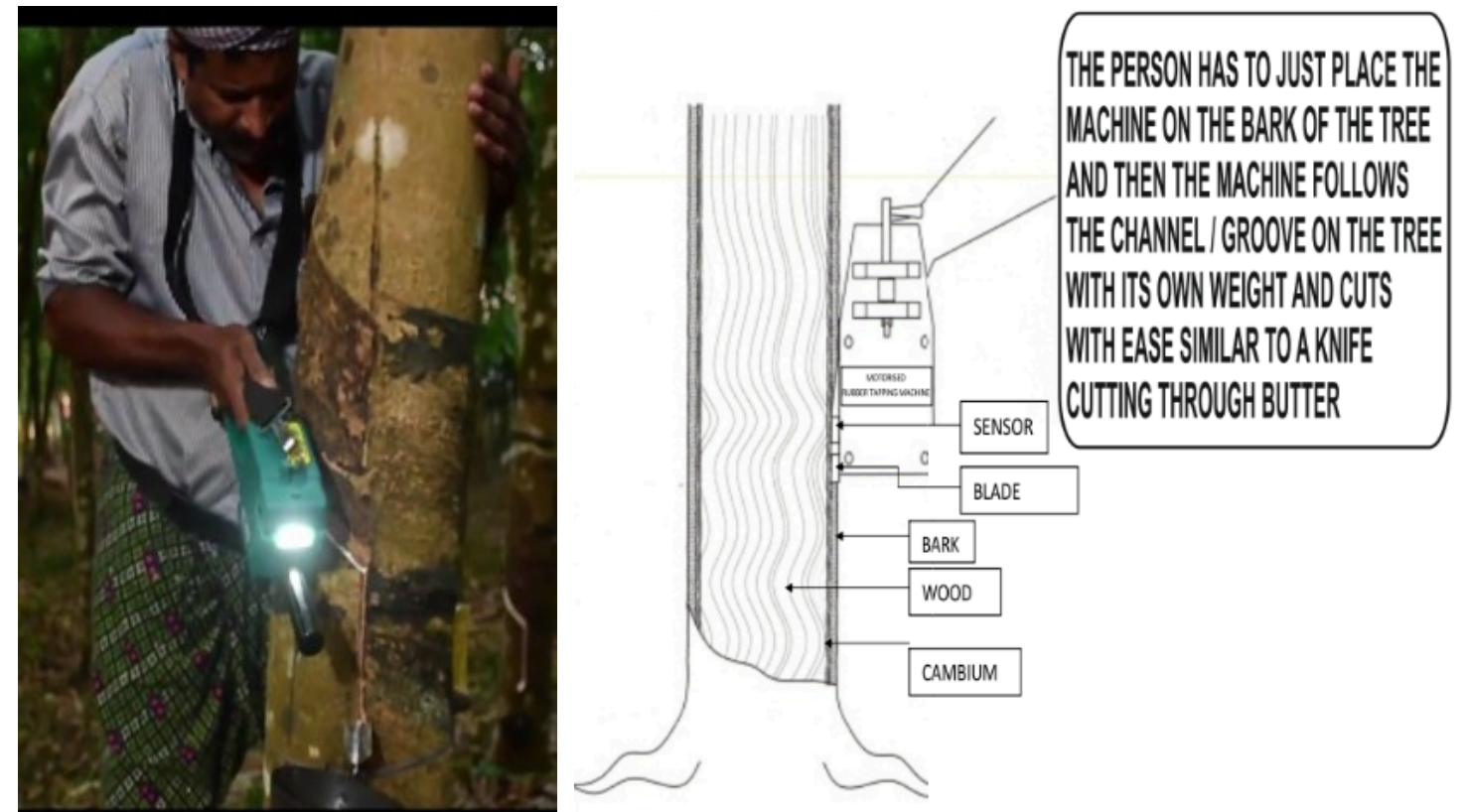
MADE IN INDIA



These machines have been developed with the inputs of RRII (Rubber research institute of India), RRISL (Rubber research institute of Sri Lanka), Rubber farmers, Rubber plantations, Botanists and Plant Physiologists.

Extensive trials were taken in India(Kerala, Goa, Maharastra, Tripura, Assam and Northeast states), Sri Lanka and Thailand. More than 10,000 rubber trees were tapped throughout 3 years in all weather conditions and all terrains like high mountains and low altitude regions, in high and low humid conditions, in high and low temperature conditions, in peak and non peak tapping seasons. Successful trials were completed on Indian popular rubber tree clones like RRII 105,RRII 430, RRII 414, Sri Lankan popular rubber tree clones like RRIC 21, RRIL 100, RRISL 217, Thailand rubber tree clone RRIM600.

These machines have international patents from India, China, Thailand, Sri Lanka, Malaysia, Indonesia, Vietnam and many more Rubber producing countries.



★ ADVANTAGES OF BH-RT RUBBER TREE TAPPING MACHINES

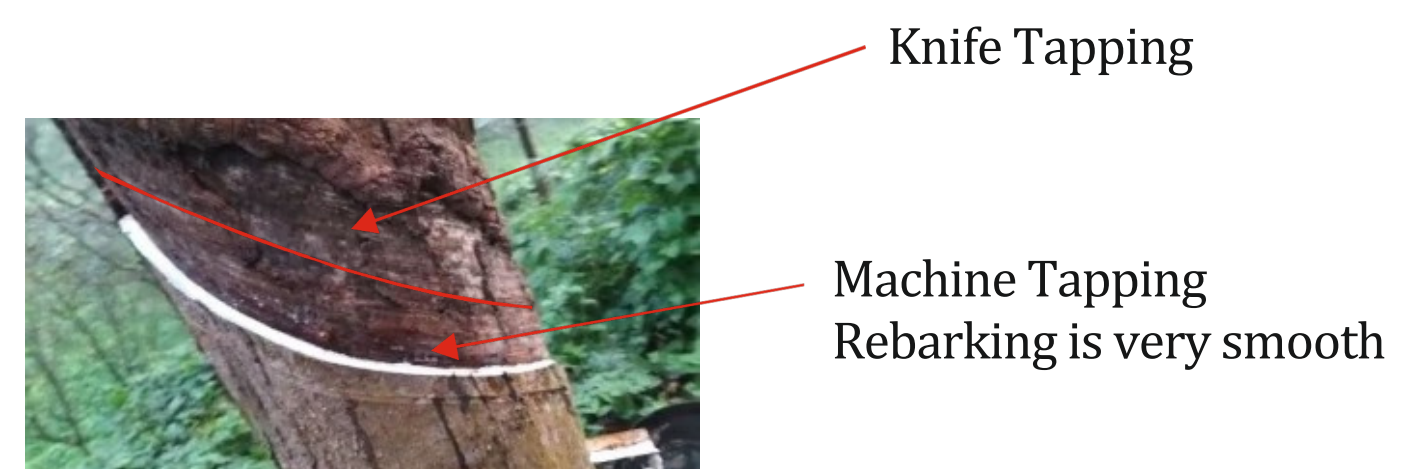


★ Easy to learn - You don't need an experienced tapper.

It takes years of training to make a tapper skilled in using a traditional knife. It takes 2 hours to Be oriented/ understand the BH-RT Rubber tree tapping machines and in around 7 days of regular use of BH-RT rubber tree tapping machine, an unskilled person gains skill to tap like a professional experienced tapper giving very good output without damaging the tree. Easy to use and less physical strain when compared to knife tapping.

★ No Damage to the cambium of the Rubber tree.

An inbuilt sensor in the BHRT machine protects the cambium of the rubber trees from tapping damage, which is a common challenge seen when using the traditional tapping knife, thus increasing the life of the trees.



★ Maintaining the proper slope.

As recommended by rubber boards accurate angle of the slope is always maintained. BH-RT machine cuts perfectly without any ups and downs due to this. the life of the tree increases.

★ Zero possibility of spillage - Earn Rs 65000.00 more per 3 hectare.

While in manual tapping the angle of the cut is not properly maintained hence latex spills out of the channel and less latex is collected in the latex cup. BH-RT Machines maintain a channel angle of 5 Degrees, thus complete 100% latex of the tree is collected in the latex cup.

There is an average 20% loss of latex due to spillage,
so 1.8 tons avg yield per hectare
per year x 20 % = 360 kg latex is lost.
BH-RT machines save this loss of latex.

So with one machine with D3 tapping
(one machine being used in 3 blocks/ hectare)-
 $360 \text{ kg} \times 3 = 1080 \text{ kg gain}$ x 60 rs latex rate
= Rs 65000.00 gain per year.



★ Accurate bark consumption in all tapping-

Bark Thickness can be set from 1 mm to 4 mm precisely as per rubber tree clone and tapping cycle followed. Standard setting followed by Rubber Research Institute India is 1.75 mm bark thickness removal for D+3 tapping cycle.

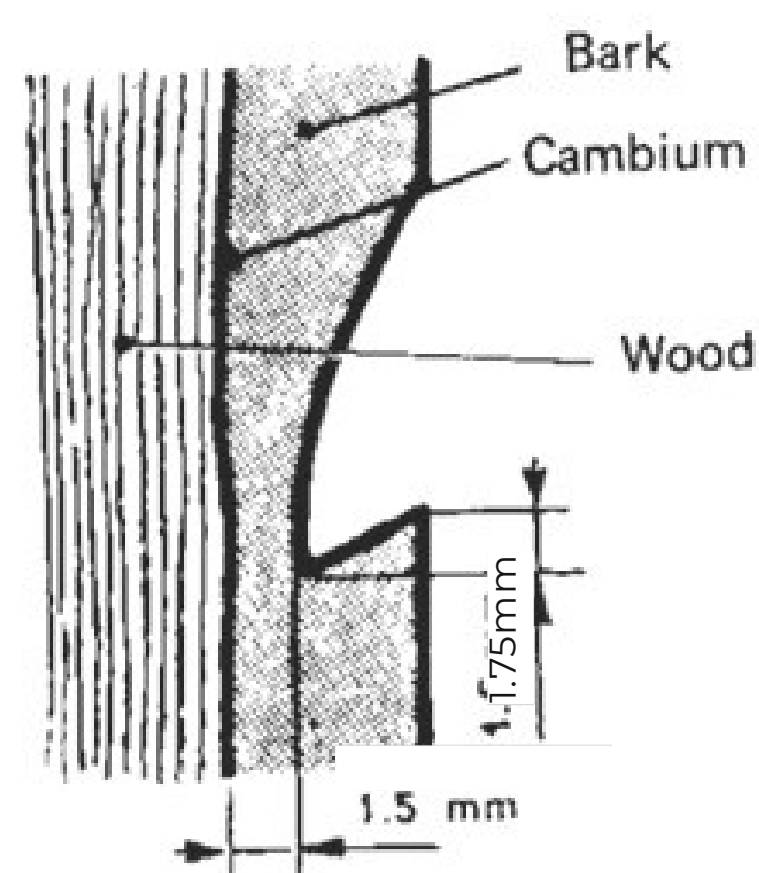
★ Life expectancy of trees is increased - Increase in Plantation Life by minimum of 5 years. Earn Rs 30,00,000.00 more per 3 hectare. .

Manual Bark consumption by a traditional knife is normally 2.5mm to 3mm and an accurate slope is not maintained. This results in a decrease in tree life. Due to accurate bark consumption of 1.75mm by BH-RT Tapping machines, Life of the rubber trees/rubber plantation will increase by a minimum 5 years. (accurate bark consumption from 1mm to 4mm the setting is provided in BH-RT machines)

Average Output per year per hectare in India so - 1.8 tons
9 tons of latex gain in 5 years

Financial Gain - 9 tons x ₹120 RSS4 rate
= ₹10,80,000 per hectare gain 1.75mm

For D3 tapping - One machine is to be used for 3 hectares,
hence ₹10.8 lakhs x 3 = ₹32.4 lakhs gain for life increase of plantation by 5 years.



Front Torch Light.



Bottom LED Light.

★ **Machine** is equipped with 2 sets of LED lights for tapping in the early hours and front torch light.

★ Very light weight machines.

The most important component of the BHRT machine is its high efficiency motor. The weight of the motor is maintained to achieve the right torque: weight ratio of the machines.

Weight of the **BH-RT-2000- 1.8 Kg**

Weight of the **BH-RT-3000VT- 1.3 Kg**



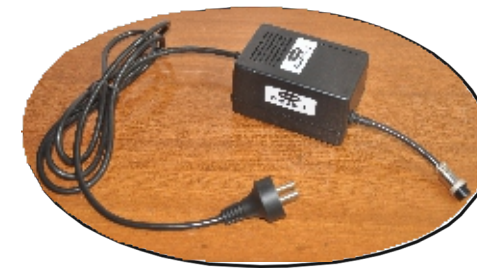
★ **1 Year warranty** against manufacturing defects.

★ **Lithium-ion Battery-**

1 year battery warranty against manufacturing defects, 2 hrs of charging gives 8 hours of tapping life, battery life around 700 charging cycles. Battery life indicator is given on the machine for quick reference .



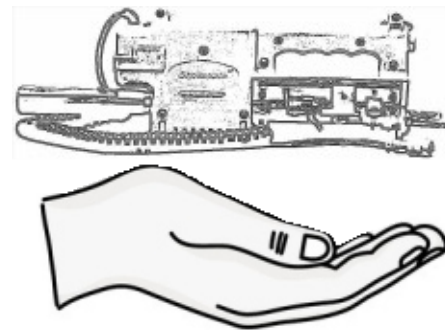
Lithium- ion Battery



Battery Charger



Battery Indicator



Servicing

★ **High Torque** Performance using stepper motor technology CE certified - CE/07533/0818, 100% shock protected.



★ **Consumables-**Spanner (2 nos), M3X10 allen screws, M2.5 allen key (1 nos), Cleaning brush (1 nos). grinding stick(1nos), Dry latex removal knife(1nos).

★ **Lubricant-** Standard sewing machine oil is used for lubricating the moving parts of the machines. One bottle is provided with the machine kit.



★ **International package**

★ **FAQ Link-** <http://rubbertapping.bholanath.in/faq/>

To know more about BH-RT rubber tree tapping machines. kindly click on the above link or scan the QR code for frequently asked questions and their answers.



FAQ



COMMITTED TO PRECISION
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