

### Multi Tree Climber

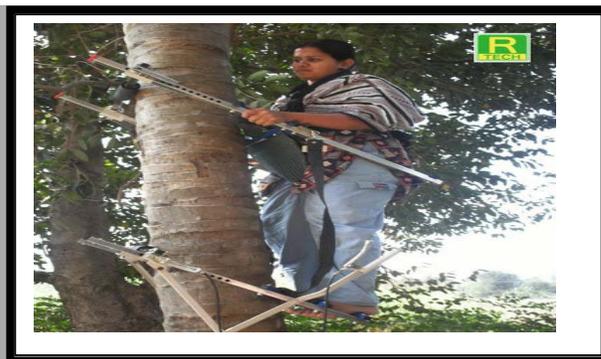
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**Problem addressed:**

As reported by Coconut Development Board, coconut Tree climbers are a rarity these days in Kerala and other coconut growing states of Karnataka, Tamil Nadu, Andhra Pradesh, Maharashtra and Goa, with very few taking on the traditional profession. There is a reluctance to enter this field because of the occupational risk and the arduous labor involved in climbing tall coconut trees. Due to scarcity of labor as against the general norm of harvesting cycles of 45-60 days, farmers are currently able to harvest only once in three to four months.

**Product:**

There are three variants - Coconut Tree Climber, Multi Tree Climber and Tree Walker. Upper frame is operated by hand and lower frame is operated by leg. By up and down movement of upper and lower frame, one can climb on the tree. Multi Tree Climber Equipment is suitable for climbing coconut, palm, teak, and rubber, silver oak & similar trees.



Technical Specification	Description		Specification
	Overall Dimensions (LxWxH)	Upper Frame	
Lower Frame			30 x 20 x 1.5 (inches)
Tree Circumference			Min 15 inches
			Max 51 inches
Weight			11.5 kg
Packed Weight			14 kg
Attachment			Safety Harness
Loading Capacity			85 Kg
Time taken	Climbing		5 mins for 60 feet
	Fixing		90 seconds
	Removing		45 seconds
Tree Climbing Capacity			10-12 trees/hr
Materials Used	Main Body		Stainless Steel 202 Grade
	Nut & Bolts		TVS Fasteners Head Caps and Screws



<b>Key Competitive Advantage:</b>	<ul style="list-style-type: none"> <li>• Eco -friendly</li> <li>• Manual Operation</li> <li>• Easy Handling</li> <li>• Safety Harness for Climbers' Safety</li> <li>• Women can operate easily</li> <li>• Low Weight</li> <li>• Easy Transportation</li> <li>• Climbing Height - no limits</li> <li>• Addresses labor shortage</li> <li>• Long Life / Zero Maintenance</li> </ul>
<b>Time to deliver:</b>	10-15 day after confirmed order with 75 per cent of the price as advance payment
<b>Price :</b>	Model 1 Rs. 7,700/- Model 2 Rs. 9,300 (ex-factory price India + packaging). The price does not include transportation costs, taxes, etc.
<b>Achievements:</b>	Innovator has been awarded Consolation Award in the Sixth Grassroots Innovations Competition by National Innovation Foundation and supported under MVIF scheme of NIF.
<b>IPR Status:</b>	Indian Patent filed (No: 835/CHE/2012)
<b>BD website link:</b>	<a href="http://nif.org.in/innovation/coconut_tree_climber/471">http://nif.org.in/innovation/coconut_tree_climber/471</a>
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