



R TECH ENGINEERING

Tree Climbers Trusted Worldwide

www.treeclimber.in

Company Profile

R TECH ENGINEERING commenced in year 2015 (formerly known as R Tech Agri Equipments since 2008) led by Inventor of Multi Tree Climber **Shri. Venkat Damodara Naidu**, we are counted as one of the trusted names engaged in manufacturing and supplying a wide range of **Tree Climbers**. The range offered by us known for being safe, reliable and durable in nature. Our product line finds its main application for climbing trees.

Our quality-centric approach and commitment towards our clients have helped us, maintain our market reputation. We ensure that the production methodology adopted by us is in conformation to the international standards. The experts interact with the clients to understand their needs and offer products accordingly. We offer customized solutions to our esteemed patrons.

MULTI TREE CLIMBER – XL SERIES

(Best suited for Coconut, Palmyra Palm & Similar Trees)

The tree climber has a seating provision and has two frames. The upper frame is operated by hand while the lower one is operated by leg. The user sits comfortably on the seat and by the up and down movement of upper and lower frame, can climb the tree. A locking system has been provided, which enables the climber to work without fear at any height. One can climb up to 60 ft in 5 minutes (this includes time needed in fixing, climbing up-down and removal of device from tree).

One of the major advantages of this device is that it is useful for trees with different girth. University of Agricultural Sciences, GKVK, Bangalore has tested the device as part of an all India coordinated research project on Post Harvest Technology and found it useful for climbing coconut palms. The team also gave a special mention of its in-built safety feature.





TECHNICAL DETAILS

| DESCRIPTION | | SPECIFICATION | |
|--|-------------------|---|---------------------------------------|
| Overall Dimensions (L x B x H) | Upper Frame | 950 x 600 x 70 mm | |
| | Lower Frame | 700 x 555 x 75 mm | |
| Tree Circumference (Trunk Girth) | | Min 15 Inches | |
| | | Model : XL-50 Max 51 Inches | Model : XL-60 Max 60 Inches |
| Attachment | | Safety Harness | |
| Loading Capacity | | <100 Kg | |
| Climbing Person | | 1 | |
| Facilities | | To Sit / Stand / 360 degree turn | |
| Power Requirement | | Manually operated by Hands & Foot | |
| Time Taken (Approx) *depends on the skill | Climbing | 5 min for 60 feet tree | |
| | Fixing | 90 seconds | |
| | Removing | 45 seconds | |
| Tree Climbing Capacity | | 10-12 tree / hour | |
| Material of Construction | Main body | Stainless Steel Square Tube (202 Grade) | |
| | Nuts & Bolts used | Fasteners with Self Locking Nuts | |
| Net Weight | | 10.5 Kg | |
| Gross Weight | | 12 Kg | |

*Due to a continuous process of development the design is subject to change without notice.

- ❖ Tested by University of Agricultural Sciences, GKVK, Bangalore
- ❖ Tamil Nadu Agricultural Engineering Department, Coimbatore
- ❖ **Indian Patent Filed No (835 / CHE / 2012)**

Supported by:



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विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार का स्वायत्तशासी संस्थान

National Innovation Foundation - India

Autonomous Body of the Department of Science and Technology, Govt. of India

- ❖ Eco Friendly
- ❖ Women can operate easily
- ❖ Easy to learn
- ❖ Easy transportation
- ❖ Safety Harness for climber

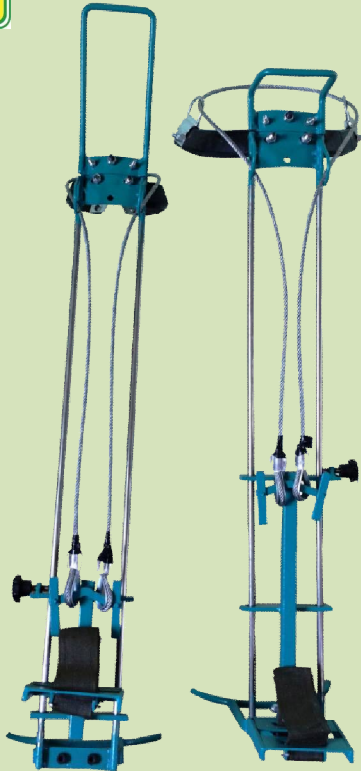
- ❖ Climbing Height no limits
- ❖ Fulfills labor shortage
- ❖ Long Life
- ❖ Less maintenance
- ❖ Manually operated





TREE WALKER

(Best suited for Semi-Skilled Coconut Tree Climbers)



Enriched with years of experience in the industry, we are engaged in offering Coconut Tree Climber.

Our Standing Type Tree Climber made of Stainless Steel Rod. It features a Single wire rope method for **FAST & HASSLE FREE** operation, also it comes with adjustable Foot rest Belt to suit men and women.

It is specially designed for Professional Climbers (semi skilled) who wants to climb 100 or more trees in a day. It is very useful for Large-scale Coconut growers and for **Neera / Toddy Collection** in both Coconut and Palmyra Palm Tree's.

The main advantage of TREE WALKER is can be made suitable for the trees of different girth; this is possible by simply changing the steel wire rope.

TECHNICAL DETAILS

| DESCRIPTION | | SPECIFICATION |
|--|-------------------|--|
| Overall Height | Left Hand | 40 Inches |
| | Right Hand | 35 Inches |
| Tree Circumference (Trunk Girth) | | Min 21 Inches Max 55 Inches (Wire rope 1.9 Mts) |
| Attachment | | Braided steel wire rope 1.9 Mtr (Standard) |
| Loading Capacity | | <80 Kg |
| Climbing Person | | 1 |
| Power Requirement | | Manually operated by Hands & Foot |
| Time Taken (Approx) *depends on the skill | Climbing | 3 min for 60 feet tree |
| | Fixing | 45 seconds |
| | Removing | 30 seconds |
| Material of Construction | Main body | Stainless Steel Rod (202 Grade) |
| | Nuts & Bolts used | Fasteners with Self Locking Nuts |
| Net Weight | | 9 Kg (approx) |
| Gross Weight | | 10 Kg (approx) |

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Design & Mfrs by:

R TECH ENGINEERING

#3/940 V.V Nagar, Poochiyur,
Narasimhanaicken Palayam,
Coimbatore – 641031, Tamil Nadu. INDIA
Contact: Shri. Sree Vardhan
Ph: +91 7845574423 / 9944284440

Northern Region & International:

PROFESSIONAL COMTECH PVT LTD

C-3(concourse), Arjangarh Metro Station,
Arjangarh, Near Lift No-3, New Delhi-11047
Contact: Shri. Sanjiv Kumar Gupta
Ph: +91 9810070396
Email: rtechnorth@gmail.com