



PRESENT

# ELECTRI TRACTO

R(BATTERY OPERATED)

**MARUT E-TRACT-3.0**  
ev



## ABOUT US

Our company has developed an ICAT-certified electric battery-operated agriculture tractor for farming and commercial applications. Our tractor generates the same torque as an 18-Hp & 28 HP Diesel tractor. Our tractor supports all attachments and equipment Like Rotavator, Cultivator, Tiller, and Plough, the same as a Diesel Tractor. No equipment needs to be changed

## VISION

To Maximize The Efficiency Of Farming Activities (food Production & Disctriction) By Removing Human/animal Labor From The Field And Minimize Pollution And emissions from the all-purpose tractors.



ELECTRIC  
TRACTOR  
(BATTERY OPERATED)



## PROBLEM / AREA OF OPPORTUNITY.



ELECTRIC  
TRACTOR  
(BATTERY OPERATED)



Dependency Of Fossil Fuel.



Harmful Effects On Environments



Tough/Rigid, Driving Condition Tractor  
(Focus In 6 Side Operating)



Land Partition Due To  
Large Population



High Running Cost Of Diesel  
Tractor 90 Rs.&180 RS Per Hour.



## Reduce Import Or Dependency Of Fossies Fuel

**No. Harmful Effect**

**Better For Environments**

**Quieter And Smoother Driving Condition (Only Focus On 3 Operation at A Time)**



**Low Coast of Maintenance.**

**Reduce Running Cost to 85% per Hour Like 10 Rs. Per Hour.**

**Generate Less Heat , Less Noise, Less Vibration. Less, Moving Part, Less Offensive Smell and Less Pollution.**

## VALUE PROPOSITION

Highly Efficient In Bagayat  
Farming, Horticulture,  
Greenhouse

On Single Charging 6-8  
hour running.

Lifepo4 Battery Use 7 To  
8 Year Life. Excellent  
Battery Backup.

Indigenous and ICAT-certified  
product. Third tractor company  
in India to receive certification.



Emission- Free farming  
and other operations



Cost-effective &  
Repairability. (Product  
designed for less  
maintenance)



Hassle-free charging – At  
Home 230V AC



Better Driving Condition  
And Better Steering  
Control, excellent ground  
clearance



Our innovation is in the  
transmission through  
which we match torque  
of a 18 HP diesel tractor  
with a 3 kW electric  
motor and 6kw motor to  
28hp torque..

## PRODUCT



Generate 18 hp  
Equivalent torque

1 Hydraulic Lifting  
Capacity. – 1 ton

2.5 Ton Pulling  
Capacity.

Efficiency Of Electric  
Motor Is 85 To 90%

IACT Approved (CMVR  
Homologation complete)

4 Forward Gears +  
4 Reverse Gears

2 to 15 km speed

PTO 6 spline and  
200 to 750 RPM.

Weight - 670 kg

Ground Clearance –  
270 mm

# MARUT E-TRACT-6.0

ev

2WD / 4WD

28-HP Equivalent torque

3 Forward gears &  
3 Reverse gear

Hydralic lifting-1 ton  
Pulling capacity-4 ton

OIL brake  
POWER steering

Lithium battery-22.3 KW  
Motor-6 KW

PTO -6 Spline  
550 to 1200 RPM

Tyre Size  
Front - 6.0 & 12.5.25 & 14  
Rear - 8.3 & 24,9.5 & 24

Weight-830Kg  
Ground clearance-300 mm

2 to 22 km speed  
Track width-36 inch

Charging In 5 Hour At Home, One Single Charge Tractor Run 6 To 8 Hour

New Tractor Price 4.2 to 5 Lac  
1hour Running Fuel Cost-150 Rs  
15,000 Hour Running Cost(7 To 8 Year)  
=15,000 Hour x150 Rs(Fuel)  
=22,50,000 Rs(Fuel Cost)

New Tractor Price 7.3 Lac  
1hour Running Charging Cost-20 Rs  
15,000 Hour Running Cost(7 To 8 Year)  
=15,000 Hour x20 Rs(Charging)  
=3,00,000 Rs(Charging Cost)

# Our Tractors



L-R: 18 hp and 28 hp e-tractors



The 18 hp e-tractor beside a motorcycle



Side profile of the 18 hp e-tractor



27 hp e-tractor

## COMPETITION / COMPARISON

## CURRENT DIESEL 18 HP

✓

✗

80 Rs. Per hour. 1 L  
Diesel Consom

18 hp IC Engine

-

-

3.5 lacs

## OTHER E TRACTOR

✗

✗

15 Rs. Per Hour

10 to 12 kw Motor

25 to 30 kw battery pack

8 hour on single charge

6 lacs

## OUR TRACTOR

✗

✓

10 Rs. Per Hour

Only 3 kw Motor Use

11 kw batter pack

6-7 hour single charge

5.5 lacs

Harmful Effect  
on EnvironmentBetter Driving  
Condition



## TARGET CUSTOMER



**ELECTRIC TRACTOR**  
(BATTERY OPERATED)



**SPECIALLY FARMER.** (In our country 80 % farmer have less than 2 hectares farming land.)



**SOME PRIVATE BODY TRACTOR RENT PROVIDER, IN MINING USE EV TRACTOR, SOME GOVERNMENT BODY,**



Currently in discussions with several construction material companies (Cement, sand, bricks) and one upcoming international airport for supply of our tractors



Construction, Roads, Material Movement, Park Maintenance, Urban Forestry, Gardening, Municipal waste management, Industry logistics, Airports

Over 67,834 tractors were sold in 2023 for commercial use. Over 7,90,000 tractors were sold for agriculture. Commercial tractors sold in 2022 – 73,800

# Potential use case



ELECTRIC  
**TRACTOR**  
(BATTERY OPERATED)



Sand Transport



Road Laying



Concrete mixer



Hydraulic fork Lifts



Road cleaning



Waste transport

# Potential use case



ELECTRIC  
TRACTOR  
(BATTERY OPERATED)



Animal Transport



Mist spray / Pollution control



Hydraulic trailer



Hydraulic water pumps / Disaster management



Tree planting



Water transport

## TEAM COMPOSITION

**SOCIAL**  
*alpha* **-9%**



**CHANDULAL**  
Kishorbhai Korat  
DIRECTOR

EQUITY -28%



**NIKUNJ**  
Kishorbhai Korat  
DIRECTOR

EQUITY -  
35%



**MOHITKUMAR**  
Hasmukhbhai Rabadiya  
DIRECTOR

EQUITY-28 %

## MEDIA COVERAGE



**ELECTRIC TRACTOR**  
(BATTERY OPERATED)



## Marut E-Tract: 5.5 लाख रुपये में इलेक्ट्रिक ट्रैक्टर! 80 रुपये के खर्च में चलेगा 6 घंटे

Marut E-Tract को सामान्य घरेलू सॉकेट से कनेक्ट कर चार्ज किया जा सकता है. कंपनी का दावा है कि, जहां रेगुलर डीजल ट्रैक्टर को 6 घंटे तक चलाने के लिए तकरीबन 550 रुपये खर्च होते हैं, वहीं इस इलेक्ट्रिक ट्रैक्टर के लिए महज 80 रुपये खर्च करने होंगे.



## A field-born electric tractor seeks FAME incentive, investor support to go to market



E-tractor equivalent to 18 HP ICE tractor showcased at iCreate bootcamp among other EV solutions

<https://evreporter.com>

## CONTACT US.



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