



PRESENT

ELECTRI TRACTO

(BATTERY OPERATED)

R

MARUT E-TRACT-3.0
ev



MARUT E-TRACT-3.0

ABOUT US



**ELECTRIC
TRACTOR**
(BATTERY OPERATED)

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 & Distribution) By Removing Human/animal Labor From The Field And Minimize Pollution And emissions from the all-purpose tractors.



PROBLEM / AREA OF OPPORTUNITY.



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**

**Low Coast of
Maintenance.**

**Better For
Environments**

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

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

**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
maintanance)



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..



MARUT E-TRACT-3.0

PRODUCT



**ELECTRIC
TRACTOR**
(BATTERY OPERATED)

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



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

CERTIFICATE



GOVERNMENT OF INDIA
MINISTRY OF CORPORATE AFFAIRS
Central Registration Centre

Certificate of Incorporation

[Pursuant to sub-section (2) of section 7 and sub-section (1) of section 8 of the Companies Act, 2013 (18 of 2013) and rule 18 of the Companies (Incorporation) Rules, 2014]

I hereby certify that SHREE MARUT E-AGROTECH PRIVATE LIMITED is incorporated on this Eleventh day of March Two thousand twenty-one under the Companies Act, 2013 (18 of 2013) and that the company is limited by shares.

The Corporate Identity Number of the company is U34300GJ2021PTC121074.

The Permanent Account Number (PAN) of the company is **ARFC6647E**.

The Tax Deduction and Collection Account Number (TAN) of the company is **AHMS39949A**.

Given under my hand at Mumbai this Eleventh day of March Two thousand twenty-one.

Digital Signature Certificate
Mr MANGAL RAM MEHTA
Deputy Registrar Of Companies
For and on behalf of the Jurisdictional Registrar of Companies
Central Registration Centre

[Disclaimer: This certificate only evidences incorporation of the company on the basis of documents and declarations of the applicant(s). This certificate is neither a license nor permission to conduct business or solicit deposits or funds from public. Permission of sector regulator is necessary wherever required. Registration status and other details of the company can be verified on: www.mca.gov.in

Mailing Address as per record available in Registrar of Companies office:

SHREE MARUT E-AGROTECH PRIVATE LIMITED
A-37, KHODEYAR BAG SOCIETY, OPP. JIVAN TWINS BUNGOWS,
NIKOL GAM ROAD, AHMEDABAD, Ahmedabad, Gujarat, India, 382350

* as issued by the Income Tax Department.



INTERNATIONAL CENTRE FOR AUTOMOTIVE TECHNOLOGY
(A Division of MATRIP Implementation Society (MATIS), Govt. of India)

C/A/M/B 1129

CERTIFICATE

FOR
COMPLIANCE TO THE CENTRAL MOTOR VEHICLES RULES

Chk	Table 15.1/16 SME/4.8.3	Chg	Total
34	20	00	54/52

Date: 18th November 2021

1. In order to establish compliance to the provisions of CMVR, 1989, applicable to an electric vehicle, necessary testing was carried out on the following base model submitted by the vehicle manufacturer below:

Document Reference	Vehicle Manufacturer			
Current Certificate	MR SHREE MARUT E-AGROTECH PRIVATE LIMITED A-37, KHODEYAR BAG SOCIETY, NIKOL, AHMEDABAD, NIKOL, Ahmedabad, Gujarat, 382350 Plant: Ahmedabad, Gujarat			
Model / Type		Electric Motor	Manufacturer	
15000-2 / SLOC		230VA @ 3000 rpm	MR SHREE MARUT E-AGROTECH PRIVATE LIMITED	
Base Model		Max. PTD Power	Rated PTD Power	Category
MARUT E-TRACT 3.0		3.4kW @ 140-rpm	3kW @ 700-rpm	A2
Type	4 Wheel, Two Wheel (Driven/2021), Battery Operated General purpose, Agricultural Tractor			

2. The manufacturer specifications (SME/4.8.3/2021) of the base model as declared by the vehicle manufacturer are compared with the certificate. Detailed specifications (SME/4.8.3/2021) of the base model are also separately listed to the vehicle manufacturer.

3. It is verified that the above base model comply with the provisions of the CMVR, 1989, as amended up-to-date, including following requirements, as detailed in ANNEXURE-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

Document	Specification	Date	Effective From	Applicability CMVR
Electric Power Train Agricultural Tractor	(SME/4.8.3/2021)	18.11.2021	18.11.2021	1/2

4. The Certificate is issued as per CMVR Rule 128, to establish compliance with the Central Motor Vehicles Rules, 1989, and shall not be construed as a certificate of compliance to any other rules than those listed in ANNEXURE-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. Compliance to these rules has been verified based on the use of specific components / parts / assemblies etc. details of which are given in the detailed specifications duly submitted by ICAT as mentioned in ANNEXURE-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. Details of which are given in the detailed specifications / parts / assemblies etc. before submission of the vehicle for registration.

AUTHORIZED SIGNATORY			Page 1 of 4
V. RAMANA ARORA DEPUTY GENERAL MANAGER	PAMELA THOO ENGINEER (Design)		

Office Address: Centre-I, Plot No. 28, Sector-8, MIDC, BMT-Market, Sakinaka, Gurgaon-122008, Haryana (India)
Centre-II, Plot No. 45, Sector-M-31, MIDC, BMT-Market, Gurgaon-122008, Haryana (India)
Phone: +91-124-4568111, Fax: +91-124-2550005, E-mail: team@icatt.in, Website: www.icatt.in
(As per ISIRI, ISO 14001 and ISO 9001:2015 certified under ISO 9001:2015 and ISO 14001:2015 respectively)



ELECTRIC
TRACTOR
(BATTERY OPERATED)

CERTIFICATE GREEN

TARGET CUSTOMER



**ELECTRIC
TRACTOR**
(BATTERY OPERATED)



SPECIALY 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



Sand Transport



Road Laying



Concrete mixer



Hydraulic fork Lifts



Road cleaning



Waste transport

Potential use case



Animal Trasnport



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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Marut-E-Tractor



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