



REVOLUTIONIZE

YOUR FARMING

ENERGIZE

YOUR FIELDS

*Cutting-edge Technology
for Cost-efficient and Eco-friendly Agriculture*



TACT

THAI ACHITECH CO., LTD.

We are start-up company that focus on
Research & Development
for future Agriculture technology, machinery, and equipment
to support farmers and customer to achieve

more productivity, efficiency and more profit

- ✓ Electric Conversion Tractor
- ✓ Implements
- ✓ Auto- Steering
- ✓ Land leveling



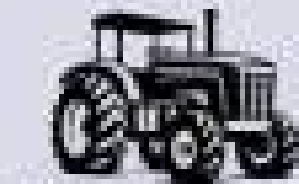
“Climate Change” fuels drive toward Cleaner Tractor

EPA reported that off-road agricultural equipment, including tractors, released about 100,000 metric tons of carbon dioxide equivalent in 2019, out of 1.4 million metric tons for all nonroad mobile combustion.

Low Efficiency
35%

Air Pollution
14%

Low Profit
& High Cost
of Operation



Diesel tractor

= 2.7kg carbon
/1 liter





1st THAI EV TRACTOR



= 600-800 trees per year



REDUCE CO2 EMISSION

1 EV TRACTOR = Conversion

12.16 Tons

/Tractor/Year at 1500 hours in use



1st THAI EV TRACTOR



EST. MACHINE OPERATION COST SAVING

46.5 THB / Rai

*ICE Engine cost 117 THB/Rai

↑ Higher Profit

45-50% / Rai

↓ EV Tractor Energy Conversion Efficiency Loss

only **5%**

*Diesel Tractor Loss 65%

Competitive Comparison

ICE Tractor

- High noise pollution
- CO2 emission
- Fossil fuel as energy input
- Torque and energy to wheels losses more than EV tractor
- Manually control operation

TACT EV Tractor

- Reduce Noise Pollution
- Zero Emission from Machine
- Electricity as input energy
- Higher Torque and energy to wheels
- Reduce 50% operating cost
- Able to control operation remotely and digitally



ลิขสิทธิ์ บริษัท ไทยอิมเทค จำกัด
กรุณาขอขานไปเผยแพร่



TACT

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1st THAI EV TRACTOR

40-60 HP

- ⊗ Land & Soil Preparation
- ⊗ Ploughing
- ⊗ Planting
- ⊗ Harvesting

Coming soon

30 HP

- ⊗ Land Mowing
- ⊗ Maintenance Process
- ⊗ Weeding & Pesticide
- ⊗ Fertilizing

Our Innovation



Design TACT Agri Battery Pack

that is unique for tractors Conversion or make the new batter pack design to fit with most brand tractor



New Powertrain design

The motor is easily dismantled and repaired and prevents damage to the main transaxle that sends power to the vehicle's main gear chamber



New tractor chassis design for under 30 HP model

Increase space for the battery to support approximately 4-6 hours of use.



TACT Syncrodrive Gear Box

The electric motor will be designed to be placed in the gear box for direct drive, and drive a parallel hydraulic pump.



Connectivity and Infotainment (infotainment)



WHY? TACT

FULL FACILITY

Complete range of advanced machinery for entire electric tractor production and assembly process.

FIRST TO MARKET

enables us to conduct an initial assessment ahead of competitors, providing a distinct advantage in strategic positioning.

HIGH EXPERIENCE

More than **30 years** of experience in metal fabrication and metal processing within our group of companies

IP Protection
(PATENT)

8 BOI 
YEARS
Tax Exemption

CREATING NEW ECOSYSTEM

Endless Opportunities
for brighter future



Electric Tractor Conversion opportunity in Thailand of <40 HP segmentation is more than **160,000 units**

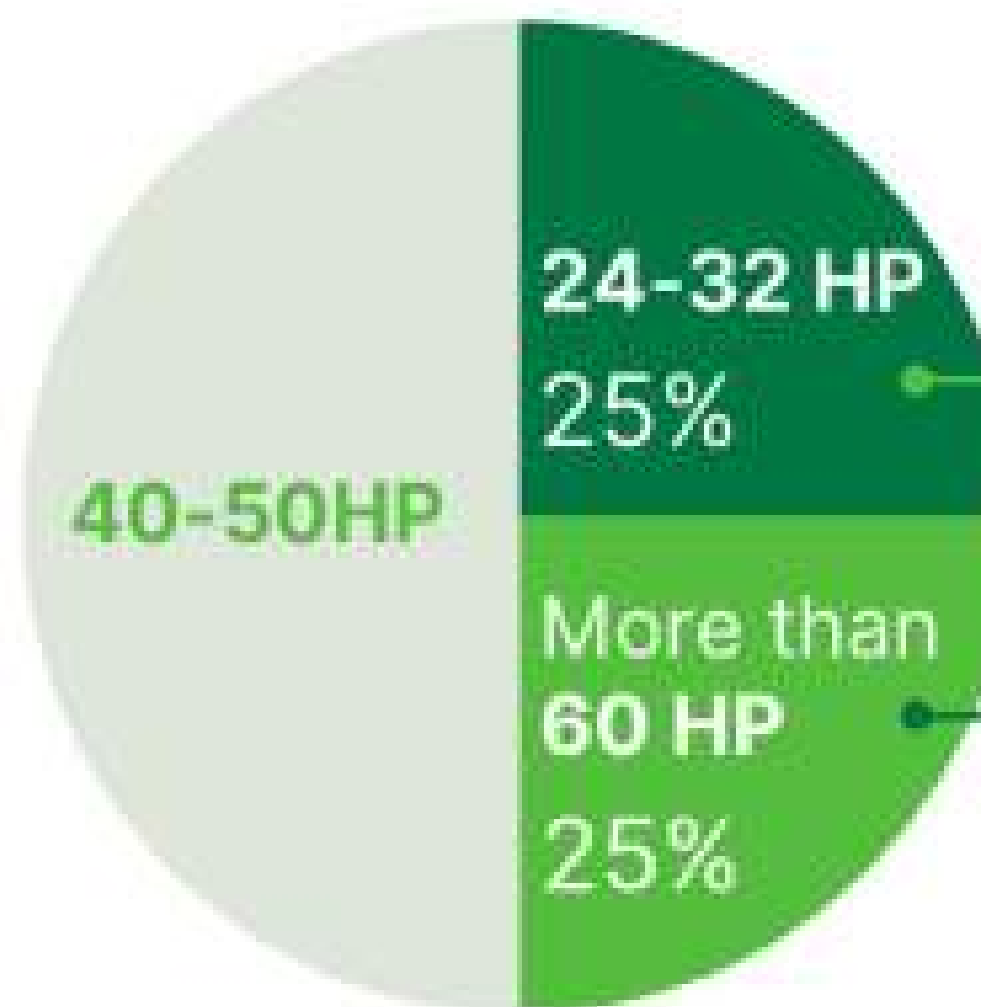
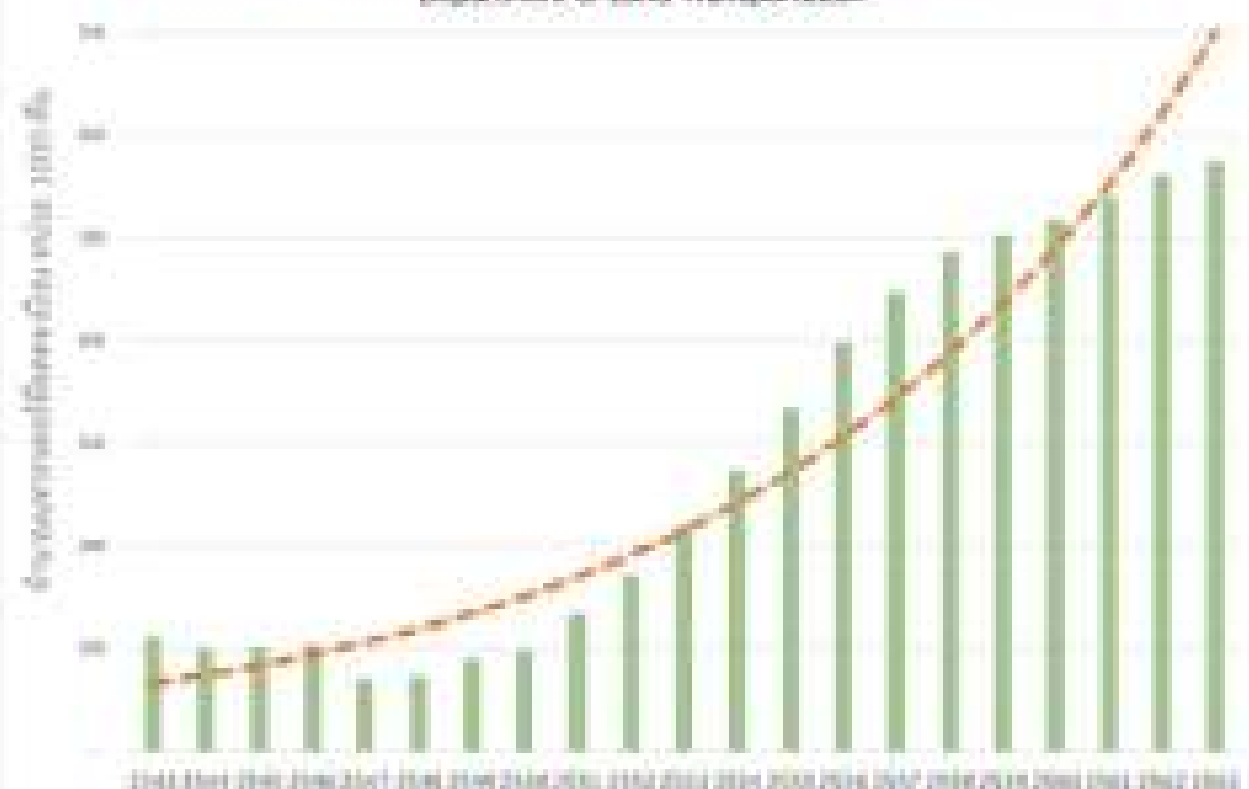
Market Conversion Value **97,000 Million THB**

New Production **80,000 units / year**

With potential government backing to reduce CO2 emissions and provide subsidies for Thai individuals to embrace innovative Thai EV tractor solutions from domestic manufacturers, there is an opportunity to cater to the domestic demand while also expanding into international markets, thereby boosting national exports.

THE RISE IN THE NUMBER OF REGISTERED TRACTORS IN 2000-2020

Department of Land Transportation



25% are **24-32 HP**

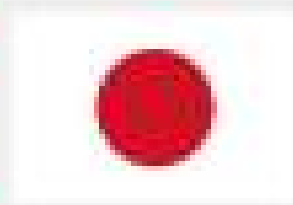
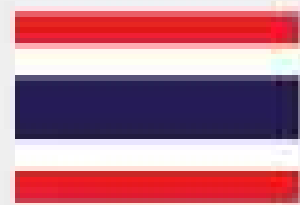
25% are **> 60 HP**



Expand together

We're now looking for

***Business Partnerships
And Collaborations***





Go Greener and Make a Better Life

