

ELECTRIC FARM TRACTORS

Australia is lagging the world in electric farm equipment for small holdings in 2021. Commercially produced compact electric tractors operate in five continents, with several manufacturers in 2021. Nearly all have AWD, hydraulics, PTO., standard 3 pt linkage, front and rear linkages, take category 1 attachments. Electric tractors up to about 90hp are becoming increasingly common. Larger tractors often have greater power needs that fully electric operation cannot meet effectively just now.



Maker: Monarch, USA
Year: 2021

Rated Power 30kW/40hp
Drive Time: to 10 hours
Battery electric
Remote control optional

Order online
www.monarchtractor.com

Maker: AGCO, Switzerland
Model: Fendt e100 Vario
Years: since 2018

Rated power: 50kW/68hp
Drive Time: up to 5 hours
Battery electric
Charge port: Type 2

Dealer? AGCO Australia



Progressive concepts from John Deere
Autonomous, remote control

Model:	Above demo only	At right Gridcon
Year:	2019	2019
Rated power:	250kW/340hp	300kW/400hp
Drive time:	many hours	continuous
Power source:	TBA*	2.5kV AC. >1km cable

* Likely hydrogen fuel cell, or energy dense battery.



Maker: Escorts, India
Model: Farmtrac CET
Years: since 2017

Rated power: 22kW/30hp
Drive Time: up to 6 hours
Weight: 1,043kg
Battery electric

Charge port: 15A Plug



Australian Electric Vehicle Association
Tasmanian branch
www.aeva.asn.au

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