



The all electric machine



B1_e



Join the e-volution



The e-volution of agriculture



On the road to minimizing environmental impact and enhancing traceability of food production, the development of electrically driven machines in the agricultural sector is a clear dictate of the moment. Goldoni Keestrack responds to these current challenges: Building on the pronounced drive for innovation of the parent company Keestrack and drawing on the experience of a technological partner, we provide a powerful alternative to conventional tractors. Meet the new B1e and explore the true protagonist of a green conversion.

A perfect complement to an agrophotovoltaic system: The concept of A-PV, the simultaneous use of land for both plant growing and electricity production, gains increasing importance. Especially in orchards, one of the main applications of Goldoni Keestrack tractors, the solar panels provide valuable protection against hail, frost and drought damage. The B1e will become the centerpiece of A-PV mechanization – creating a forward-thinking opportunity to generate autonomous and efficient on-farm production.



Join the **e**-volution

Fit to be a firm companion





Park and garden

Maneuverability and compact dimensions are supplemented by higher and more precise speed settings. The low noise level proves advantageous especially in green space maintenance.



Agriculture and greenhouse

In orchards and vineyards, hill-start assist, brake energy recovery and automatic four-wheel drive engagement during braking are particularly valuable, especially on slopes. The B1e is also perfectly fit for use in greenhouses and other enclosed agricultural buildings: The power is at hand – with zero emissions.



City and municipal

The B-Series offers various advantages that take effect in the different areas of application: In use as a municipal tractor, the B1e's 30 km/h speed limit for town centers, the versatility of PTO and hydraulics, and the suspended cabin are highly beneficial.

Electrifying work effort



B for benefits

Electric tractors provide power just when needed – without useless idling losses – and exactly where it is needed. The B1e offers two different driving strategies: In the working mode, increased pedal sensitivity allows minimal speed variations, and fast shifting to reverse enables convenient maneuvering at the end of the field. The transport mode features high starting torque and fast acceleration, efficient brake energy recovery and a hill-start assist that comprises trailer load.

Front and rear PTO are controlled by two dedicated electric motors that provide variable and progressive rotation speed – to adapt to any equipment and terrain. The total of five electric motors together generate around 80 kW, while operating efficiently at less than 40 kW.

The battery pack is positioned at the front and along the chassis of the machine to correspond to tractor dimensions, accessibility requirements and perfect weight distribution.



Total power: ~ 80 kW

Electric motors: traction (35 kW), front/rear PTO (14/9,5 kW), hydraulic system (15 kW), heat pump (4,5 kW)

2 driving strategies:
working < 23 km/h / transport < 40 km/h

Power boost: 150% (20 seconds) –
to get out of extreme situations

Lifting capacity: 1.500 kg rear + 700 kg front

Electrohydraulic system with electronic load sensing pump (40 l/min)

Maximum speed: 40 km/h
City center mode: 30 km/h

RPM: < 3000



Brakes/gears with reduced wear
80% maintenance-free components

Wheelbase: 1.728 mm

Width: min. 1.322 mm

Weight balance front/rear: 45/55%

Weight: 2.300 kg

Maximum admissible load: 4.300 kg



Capacity: 50 kWh (400 V)

Runtime: 4–6 hrs

Charging time: < 2/3 hrs (85%)



Made in Italy
by Goldoni Keestrack



Agriculture 1: 200/70 R16 | 280/85 R20

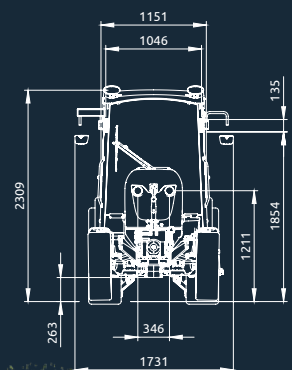
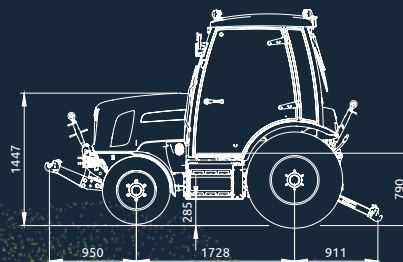
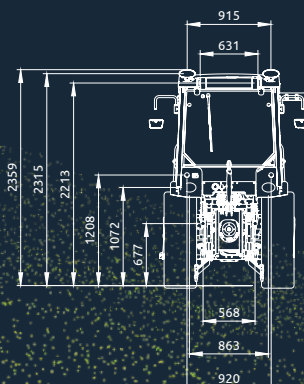
Agriculture 2: 220/70 R16 | 320/85 R20

Agriculture 3: 240/70 R16 | 420/65 R20

Municipal 1: 200/65 R16 | 300/70 R20

Municipal 2: 240/70 R16 | 360/70 R20

Lawn 1: 320/55-15 | 41x14.0-20





Electric performance in every detail keestrack.com