



# **TREPTEL**

AIRPORT EQUIPMENT GMBH

## **ROBUST, ENVIRONMENTAL-FRIENDLY**

The TREPTEL Tow Tractor TAE 20electro is a modern, robust and ergonomically designed Electric Tow Tractor for operations in cargo centers and on airport aprons. With a drawbar pull of 2.000 kg and a top drive speed of 25 km/h this baggage tow tractor meets the general requirements of today's modern airports. The disproportionately strong front and rear axles with coil spring suspension and a maintenance-free AC drive makes this unit a technically mature asset for every operator. Further attributes are the convex front window, low access height and a multifunction display on the control panel.

## Performance

|                      |   |
|----------------------|---|
| Dimensions l x w x h | 3.147 x 1.290 x 1.870 mm                        |
| Drawbar Pull         | 1.650 to 2.000 kg (depends on ballasted weight) |
| Driving speed        | 25 km/h   |
| Wheel track front    | 1.018 mm  |
| Wheel track rear     | 1.026 mm  |
| Wheel base           | 1.574 mm  |
| Ground clearance     | 180 mm  |
| Turning radius       | 2.380 mm  |

## Design

|                 |   |
|-----------------|---|
| Engine          | AC Asynchronous motor, 30 KW (20 KW / S2-60)  |
| Battery         | 80 V 440 – 620 Ah   |
| Control         | Mosfet AC Converter   |
| Axles           | Pendulum steering front axle, rear axle with integrated drive motor, suspension with coil springs and shock absorber on all four wheels       |
| Steering        | Hydraulic powered steering, steering pump with AC asynchronous motor, adjustable steering column  |
| Braking system  | Electrical regenerative brake on drive axle, hydraulically dual circuit braking system on all 4 wheels, mechanical parking brake on rear axle |
| Electric system | 80 V DC for drive system, 24V DC for vehicle electric system  |

## Options

Driver's cabin with hinged door or sliding door, hydraulically suspended driver's seat, super-elastic tyres, higher battery capacity etc. Please consult the technical specification for further information.

# TAE 20

T O W T R A C T O R

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