



# **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 up to 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	3.185 x 1.290 x 1.970 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
Wheelbase	1.720 mm
Ground clearance	155 mm
Turning radius	2.380 mm

## TAE20electro

## Design

Engine	AC Asynchronous motor, 30 KW (20 KW / S2-60)
Battery	80 V 440 – 775 Ah
Control	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 power steering, steering pump with AC asynchronous motor, adjustable steering column
Braking system	Electrical regenerative brake on drive axle, hydraulic dual circuit servo braking system on all 4 wheels, spring-loaded parking brake on rear axle
Electric system	80 V DC for drive system, 24V DC for vehicle electric system

## Options

Driver's cab with hinged door or sliding door, several types of driver's seats, solid tyres etc.  
Please consult the technical specification for further information.

**TAE 20** ELECTRO  
TOW TRACTOR

**TREPEL AIRPORT EQUIPMENT GMBH**

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