



TO series | TO 50 BLDC

Differential drive steering systems.
Compact drive system with Ø100mm wheel.

APPLICATIONS

// Cleaning machines

Walk-behind scrubbers, Ride-on scrubbers,

// AGV / AGC

AGCs,

// Electric vehicles

Mobility, Airport, Agriculture and horticulture, Air platforms,
Hospital, Any other,

AVAILABLE OPTIONS

gearbox

- Max wheel torque in acceleration 60 Nm
- Max wheel torque continuously 20 Nm
- Max load on the gearbox 250 kg
- Gear ratio 1/9.9

traction motor

- Type Brushless DC
- Nominal torque 2.1 Nm
- Nominal speed 3000 rpm
- Battery voltage 48 V
- Speed sensor up to 2500 ppr

wheel

- Materials Polyurethane
- Ø 100 W 50

brake

- Torque 4.5 Nm
- Voltage 48 V

safety encoder

- Up to SIL3

Benefits

- Wide performance range
- High load capacity
- Installation space savings
- Easy fixing to the chassis
- High efficiency, low energy consumption
- Reduced backlash, low noise precision gearing
- Fully oil lubricated gearbox
- Wide range of motors
- Selectable gear ratio
- Different brake size also available with release lever
- 100% tested and certified drive system
- ISO9001, ISO14001, ISO18001 certified
- Made in Italy

