

ezW300F/ST/W



Technical characteristics

| | |
|-------------------------------|--------------------------------------|
| Diameter | 304 mm |
| Type of Tyre | PU 50 sh.A - Tread profile |
| Speed range (traction) | 0 to 9 km/h |
| Peak pushing effort | 35 daN Moves 1000 kg |
| Nominal performance | 12 daN at 6 km/h |
| Maximum rolling speed | 12 km/h |
| Battery capacity | 240 Wh |
| Option(s) | Stainless Steel recharge per contact |

- ✓ ez-Wheel® autonomous wheel **ezW300F/ST/W** - Series 300
- ✓ developed for the food processing industry
- ✓ suitable for:
 - rolling equipment for harsh environment
 - pusher/pullers
 - food processing material
 - (...)

Component specifications

Motor



| | |
|----------------------|---|
| Technology | BLDC PM |
| Gearbox | 1-stage helical |
| Indicative lifespan* | 5 000 h / 15 000 km 1 500 000 starts/stops |
| Nominal speed | 110 rpm (6,2 km/h) |
| Nominal power | 200 W (S1) |
| Peak torque | 52 Nm |

Battery



| | |
|------------------------|--------------------|
| Electrochemistry | Ni-MH long life |
| Energy | 240 Wh |
| Indicative lifespan* | 5-8 years |
| Recharge mode | Charger |
| Minimum charging time* | 2.5 hours (to 90%) |

Interface



| | |
|----------|----------------------------------|
| Wired | - |
| Wireless | LR WPAN 2.4 GHz IEEE 802.15.4 |

Conditions of use



| | |
|---------------------|---------------|
| Temperatures | -20 to +60 °C |
| IP index | IP69K |
| Maintenance period* | 5-7 years |

The wheel can be used inside or outside, over a wide range of temperatures. The components – including the battery – do not need any inspection or maintenance over the product's whole lifespan.

Weight



| | |
|-----------------------|---|
| Wheel weight | 17 kg |
| Maximum vertical load | 300 kg 260 kg at 4 km/h 130 kg at 12 km/h |

The robust assembly can withstand the stresses of knocks and severe vibration and enables the wheel to carry some load.

ez-Wheel products are guaranteed 1 year from the date of purchase and 2 years against production defects. Consult the general conditions of sale for more information.

All values are subject to changes without prior notice.

*: Values for reference, based on standard condition testing, may vary with different application cases.

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