

KYBURZ



SWITZERLAND



eTrolley

The main advantages at a glance

The KYBURZ eTrolley is a delivery cart with an emission free electric drive system. It is designed in cooperation with delivery institutions for efficient operation in city delivery. The KYBURZ eTrolley is easily configurable to meet individual requirements.

Efficiency

High payload
Constant walking speed also in uneven territory

Security

Automatic parking brake
Easy to handle
Covers with electric locking system and RFID key switch secure the load

Ergonomics

Easy to manoeuvre
Climbs steps and curbs with optional support wheels

Operating cost

High-quality, maintenance free batteries

Sustainability

Emission-free drive system
Long-lasting components for an extended product life cycle

Image

Ecologic and economic state of the art



Easy accessible



Ergonomic handling



Curb mount ability through extra wheel

Saves time and generates profit

The carrying capacity of the eTrolley (120 kg) reduces depots along the route by over 50%:

- avoids cost to fill depots
- Less extra walking to reload

Higher average speed compared to walking

- 10% – 20% faster walk speed due to electric drive train results in 3–5% time saved per tour

Improves motivation of delivery operators:

- Less physical stress and higher motivation reduces illness while increasing job satisfaction

Combined delivery of packages and parcels:

- High volume of freight allows the additional transport of packages and parcels

A typical delivery process using a push cart



The delivery process using the KYBURZ eTrolley



Savings

10 min by refill + 14 min by speed = 100 hours per year
 Direct savings per year: 2'500 Euro



eTrolley overview



eTrolley 4BG+
eTrolley with a capacity of 4 postal bags

- Light version of the eTrolley
- Payload up to 120 kg
- Bags as support for boxes
- RFID Key
- 15–20 km range



eTrolley 7+1
eTrolley with a capacity of 8 postal trays

- Suited for postal trays
- Tray locks for security
- Payload up to 120 kg
- RFID Key
- 15–20 km range



eTrolley 4BG / 8BG
eTrolley with a cap of 4 or 8 postal bags

- Economic setup for 4 or 8 postal bags
- Payload up to 120 kg
- RFID Key
- 15–20 km range



eTrolley Box
eTrolley with two large compartments

- Compartment for mail bundles and parcels
- Payload up to 150 kg
- RFID key
- Security with electric central locks for covers
- 15–20 km range



eTrolley Base
eTrolley for customized transport solutions

- Multiple purpose e.g. heavy toolbox
- Specialized equipment easily available on factory floors
- RFID Key



eTrolley Table
eTrolley with table rack

- General purpose eTrolley
- Transport heavy goods easily
- RFID Key
- Low cost

Developed for specific needs

The eTrolley has been developed for the demanding daily use in postal delivery processes. Different setups adapt the eTrolley for a variety of applications within postal services. Further in commercial operations, the eTrolley helps where heavy goods or special equipment needs to be transported.

- KYBURZ eTrolley – the technology
- Electric and environmentally friendly
 - Automatic parking break
 - Maintenance free
 - Easy to operate
 - RFID key
 - Central lock for compartments
 - High payload
 - Versatile: turning on spot possible
 - Robust design with power coated chassis for long lasting protection.

Speed	6 km/h
Range	10 – 20 km
Climb performance	up to 30 %
Width	580 mm – 680 mm
Batteries	Li-Ion, maintenance free
Motor	DC with 1 kW peak power



eTrolley Table in use

The eTrolley simplifies daily life in any workshop. The high-quality and maintenance free batteries are charged at standard electric sockets.

The KYBURZ eTrolley used for transportation within the company increases efficiency and sustainability. Employees feel less stressed and enjoy their work more than ever before.

KYBURZ eTrolley – the technology

- Electric and environmentally friendly
- Automatic stop break
- RFID key
- High capacity
- Easy to operate

For specific needs: eTrolley Base



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