# **ABURZ** 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 maneuvre 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

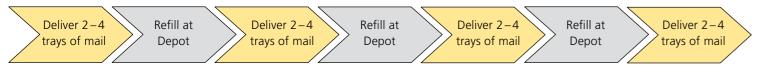
Improves motivation of delivery operators:

• 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

# **Developed for specific needs**



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

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.

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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



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

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

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.



# 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.

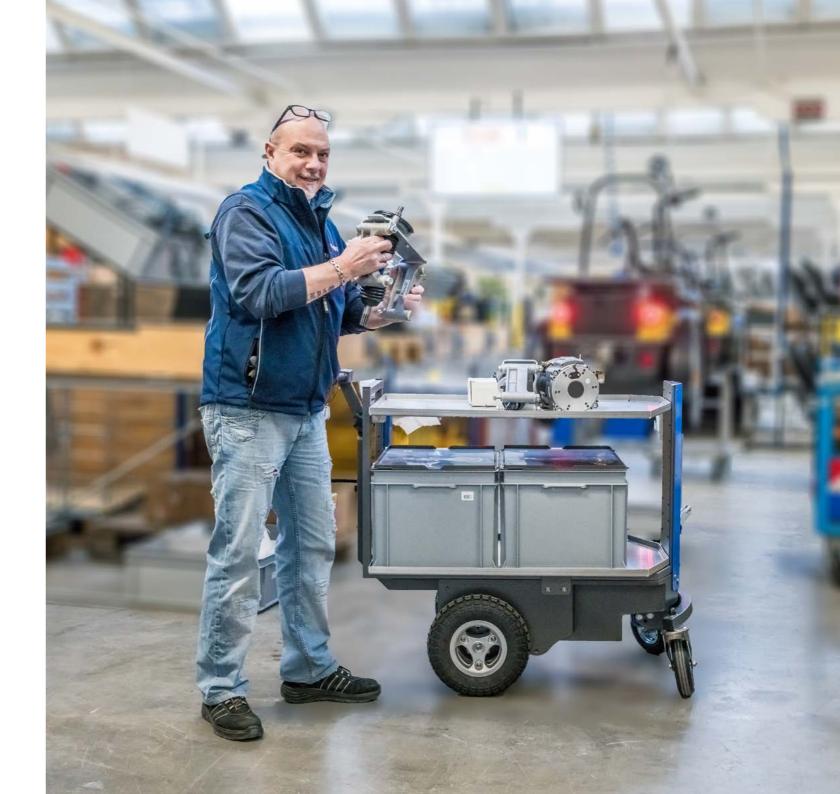
#### KYBURZ eTrolley – the technology

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

For specific needs: eTrolley Base







# **KYBURZ Switzerland AG**

### Notes

#### The company

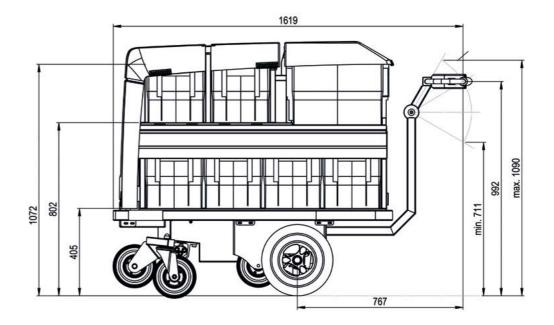
KYBURZ Switzerland AG has been developing, manufacturing and distributing electric vehicles since 1991. The company employs over 80 people and is located in Freienstein close to Zurich in Switzerland. Since 2002, KYBURZ has been focusing on the development and production of delivery vehicles for postal and logistics companies, namely the KYBURZ electrical vehicles. Aside from guaranteeing reliable and efficient postal delivery, the KYBURZ vehicles are also used in the manufacturing industry, hospitals, local authorities, airports and many more sectors.

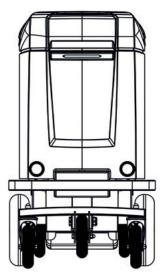
#### References

Kyburz vehicles are built according to the quality standards and requirements of postal companies worldwide. For reference information please contact us.



eTrolley 7+1





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Swiss Quality Schweizer Qualitätsprodukt

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