

For the drives of our dollies we offer to match your requirements the following three types of energy supplies:

- Cable drum
- Battery drive
- Induction drive

All three drive options can be used with our RoundTrack®-Systems 25, 40 and 60.

STROTHMANN delivers control systems from operating panel up to a fully automated system inclusive safety technology

Cable drum

The cable drum is connected with our driven dolly and rolls back and forth on its own.

Usage e.g. pallet dollies for circuit board loader or driven dollies between bays.



Advantages

- Easy installation
- Cost-efficient

Important notes

- ▶ The operation with a cable drum within ex zones is not possible
- ▶ Cable guide gap will be installed between the RoundTrack® if applicable

Battery drive

Driven dolly with battery drive are characterised by easy installation and also can be used by routes with direction change.

Usage e.g. in transport systems.



Advantages

- No interfering contours / cable
- Direction change possible
- Control on board in the dolly

Induction drive

Driven dolly with induction drive enables a contactless energy transfer. The switch cabinet and the control system for the induction system are delivered by STROTHMANN.

Usage e.g. in transport systems and flow assembly lines.



Advantages

- High durability
- No interfering contours / cable
- No charge cycles
- 24/7 operation possible
- Continuous driving possible
- Drive power for additional functions on the dolly
- Data transfers possible

Important notes

- ▶ The operation with an induction drive within ex zones is not possible
- ▶ For persons with physical aids, e.g. heart pacemaker, a distance of 1,000 mm from the primary conductor in the ground must be maintained

Hybrid operation induction / battery

At driven dollies which are equipped with induction and a secondary battery, that for example in the case of cable channels or increased reinforcement the voltage is still available through an energy store (battery). Therefore the driven dolly with battery can move. The battery can be loaded by the inductive system during the movement.

