

Inverted Electric Monorail System

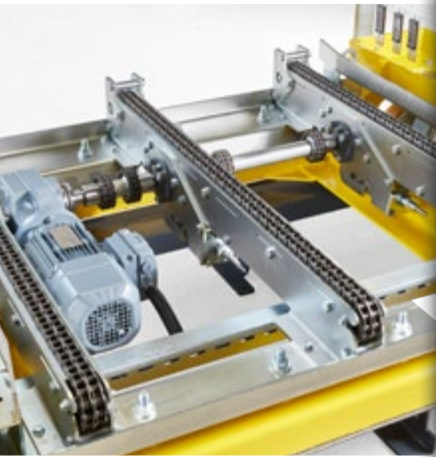
System EBB 545

General key data:

| | |
|-----------------------------------|--------------------------------|
| Min. transfer height | 500 mm |
| Max. payload | 1,2 tonnes * |
| Max. speed | 150 m/min * |
| System capacity | 200-400 pallets/h * |
| Diameter of the running wheel | 225 mm |
| Transfer to gravity roller tracks | Standardised inclined position |

* If necessary, the values will be determined on a project-specific basis and in this case may deviate from the values shown in the table.





System EBB 545

The Schierholz inverted electric monorail system is the inverse system of the proven EHB 645; it is ideally suited for all company-internal transports, for which capacity, flexibility and high availability are the key requirements.

Advantages of the EBB systems

- ▷ High transport capacity
- ▷ Low-noise transport
- ▷ High flexibility, also for extensions
- ▷ High availability
- ▷ No additional structural steelwork
- ▷ Maintenance without maintenance platform

Additional advantages of the Schierholz EBB

- ▷ Top speeds of up to 150 meters per minute
- ▷ Transport of payloads up to 1,200 kilograms (and higher)
- ▷ Minimum transfer height of 500 mm
- ▷ Installation of the track switch on the ground – a pit is not necessary if the minimum transfer height is complied with
- ▷ Inclined position of the load carriers at transfer points to the gravity roller track without additional active devices
- ▷ Safe movement and transfer characteristics, thanks to 2-track system
- ▷ High reliability through use of standard components from the proven electric monorail systems

Applications

The new EBB 545 2-track inverted electric monorail system is the profitable and high-performance solution for your transport tasks. The system was designed for pallet transport of 200 to 400 pallets per hour. A minimal transfer height of 500 mm can be achieved with the integrated Schierholz carrying-chain conveyor and by using special flat track switches. This means that the system can also be integrated in existing conveyor lines, so that flexible, path-optimised routing is enabled without additional construction effort and expense. Thanks to the high of degree of in-house vertical integration and the use of tested and proven components, the system can be also adapted to project-specific requirements without difficulty.



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