Molift In Rail Charging
Automatic charging of Molift Air batteries in Molift Rail Systems
Molift In Rail Charging

What is In Rail Charging?
In Rail Charging (IRC) is a system that facilitates automatic charging of Molift Air batteries, in Molift Rail System (MRS). The benefit of this system is a lift motor that is always charged, and ready to use.
The lift motor electronics is monitoring and controls the charging of the batteries when necessary. There is no need for charging routines, and the lift motor is charged anywhere on the rail fitted with IRC.

Components
All Molift Rail System traverses and straight tracks* can have IRC installed or retrofitted. The lift motor and the traverse trolleys has a pickup device, that picks up charging current from a conductive tape installed inside the rails. The conductive tape is powered by an external DC power supply.
*The IRC installation is not possible on systems that has traverse switches, rail switches and rail curves.

Details
The IRC pickup device is fitted onto the motor trolley, and transfer voltage from the IRC Tape to the charging unit (inside the motor housing).
IRC pickup device installed on a traverse trolley. Transfer voltage from primary rail to secondary rail.

Molift In Rail Charging (IRC)
- Molift Air 205 IRC 27205
- Molift Air 300 IRC 27300
- Molift Air 205 IRC propulsion 28205
- Molift Air 205 IRC propulsion 28300

For MRS details - please contact your local supplier.

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IRC Traverse system
IRC Single Rail System

Exploded view of IRC tools

IRC Tape applicator used when installing conductive tape inside the rails.

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Creating Possibilities

www.etac.com 3
Creating Possibilities
A perfect match!

Molift Air, Molift RgoSlings and Molift Rail System create the perfect integrated solution for all situations. It combines the best from an installation, caregiver and patient perspective. With the high flexibility of the Molift Air and the wide range of Molift RgoSlings, this is a perfect match. Innovative and cost-effective for all situations! We put a lot of passion in developing every detail.

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