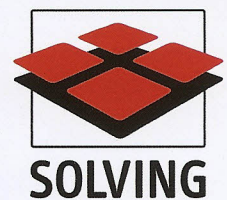


CREATING MOVEMENT

Solving Movers

AIR FILM MOVERS • WHEELED MOVERS • AGVS

DRILCO



Air film Movers

Advantages

- Multi-directional driving
- Precise positioning
- Total manoeuvrability
- Virtually no floor wear
- No rails or guides in the floor
- Quiet operation
- Minimal maintenance
- Smooth handling of very heavy loads and in confined areas
- A variety of special interfaces can be integrated to improve ergonomics
- Provides a clean and safe working environment



Operation

Solving air film Movers are designed for handling very heavy loads, up to a thousand tonnes or more and are generally customised to suit customer's requirements.

The load is placed either directly on the Mover or on a load pallet, under which the air film Mover drives when collecting the load. In most cases the Mover is operated from a remote control unit, and thus only a single operator is required to move and supervise the transport of bulky loads.

Solving air film Movers are typically used by customers in the aerospace, transformer, heavy vehicle, paper and nuclear industries.



Wheeled Movers



Applications

Wheeled Solving Movers are recommended when

- long distances are involved
- floor quality varies
- loads are less than 100 tonnes
- clean room conditions are to be met



Operation

Solving battery-powered wheeled Movers are especially suited for heavy load handling. The range includes ride-on and pedestrian-controlled, remote-controlled and automatically-guided vehicles, and special vehicles for hazardous environments including EX for offshore and chemical applications.

Self-levelling axles ensure that the wheels are always evenly loaded and in contact with the floor at all times.

Special interface equipment can be incorporated as required.

AGVS (Automated Guided Vehicles)



Operation

Solving AGV Movers are designed for continuous industrial operation over long distances to support automated production processes.

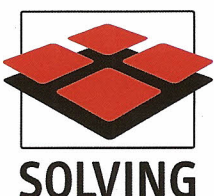
Control systems include a graphic PC display with an integrated memory for registering tasks and events. All servicing points are easily accessible and the latest computer technology advises operators of maintenance requirements.

AGVs are usually based on wheels although the technology can also be applied to air film Movers.

Advantages

- Integral safety systems such as bumpers, lights and emergency stop buttons ensure a high level of safety
- Production efficiency is approved because the vehicles can be used continuously
- The computer system software allows for quick and easy changes to all parameters, such as speed, start/ stop positions and accuracy of location
- Damage to products during handling is reduced
- A clean and safe working environment
- Unmanned operation reduces labour costs
- Monotonous tasks can be avoided

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