



# Heavy mover solution : ELM & ESM

UK



Time saving  
solutions

[www.EASchangesystems.com](http://www.EASchangesystems.com)

# Save time and money with EAS' Small Mover

## EAS Small Mover

At EAS, we noticed that plants and factories need transport solutions that can adapt to different environments. Therefore, we developed innovative new products called the EAS Small Mover (ESM), part of our Mover Series, to solve this problem!

Flexible, easy to use, and precise, our Small Movers are the right choice for you. There are many advantages to each of the mover series.

Designed to meet your project's requirements, it is an efficient and innovative system.

How does the Small Mover work? There is a remote control, an internal compressor, and an air filter on this pneumatic lifting platform. Thanks to the internal battery, you can use it for a long time without recharging.

This product could be acquired with a pallet detection system and a colored LED identification strip. The polyurethane wheels move your heavy load where you want.



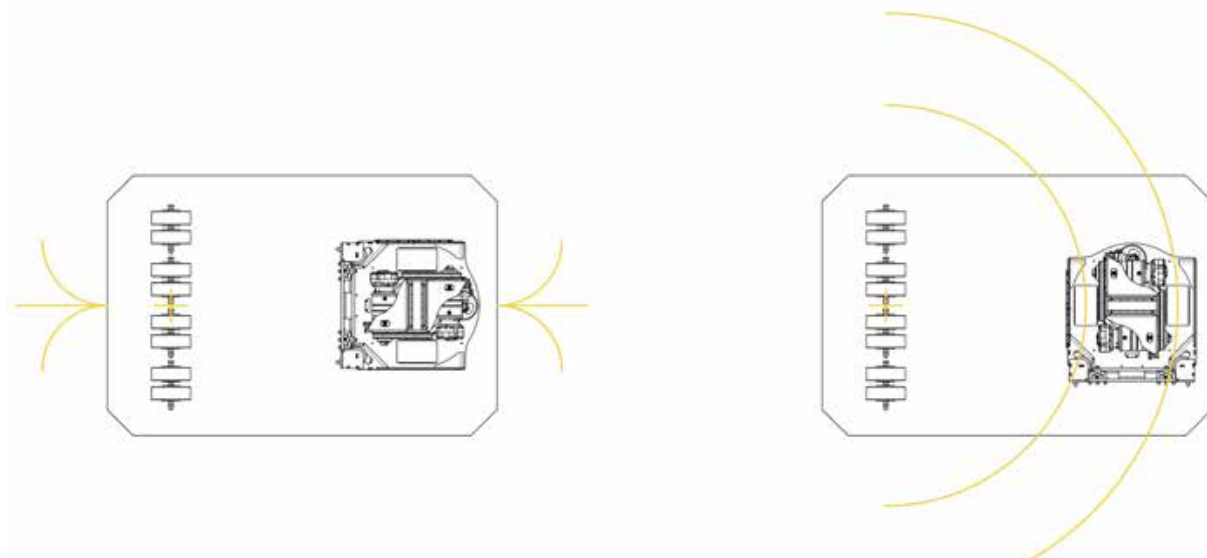
## Driving methods

### Driving direction

The Small Mover is able to move in reverse, forward and make curves. The lateral movements you'd expect.

### Rotation direction

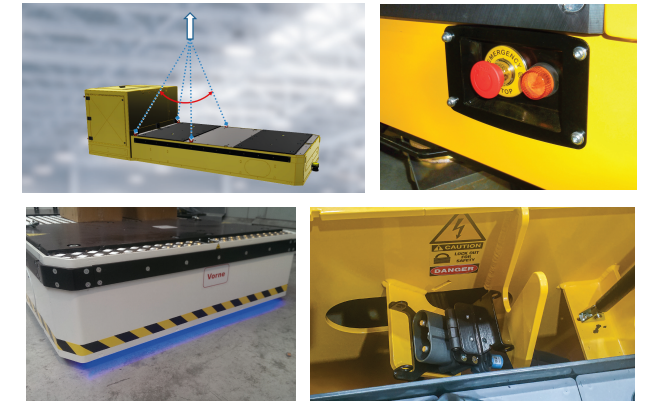
The Small Mover can rotate 360 degrees, thanks to its centered axis.



## ESM for **maximum safety** and ease of maintenance

### Safety features

- Transport coating protection strip
- Possibility to disconnect and lock the power connections
- E-stop at the rear
- Integrated lifting points



### Ease of use and maintenance

#### Precision maneuvering

Precise movements ensure flexibility and accuracy. This transporter is often combined with a high amount of standard pallets.

#### Minimal friction

Due to our unique wheel setup, the floor pressure will be reduced. The result is top quality carefree transport.

#### Easymaintenance

All sides/compartments of ESM are easy to reach. This makes our system easy to maintain. No need for overhead cranes or other tools.

#### Easy to use in hard-to-reach areas

ESM comes in handy in areas where there are no overhead cranes available.



# Get **Personalized Services** for your ESM

# Characteristics of the ESM

## Included in every ESM



Battery driven



Pneumatics



Dual drive



Integrated lifting table




Remote controlled




4G connected

EAS' Small Mover is a battery driven solution using pneumatic and dual driven technologies. Its casters are controlled remotely and can be used via 4G. All these characteristics are available as a standard product on the ESM. It also has an integrated lifting table.


## Optional for your custom ESM




ATEX proof package




Led indication




Movable, external table




High speed package



Safety scanner

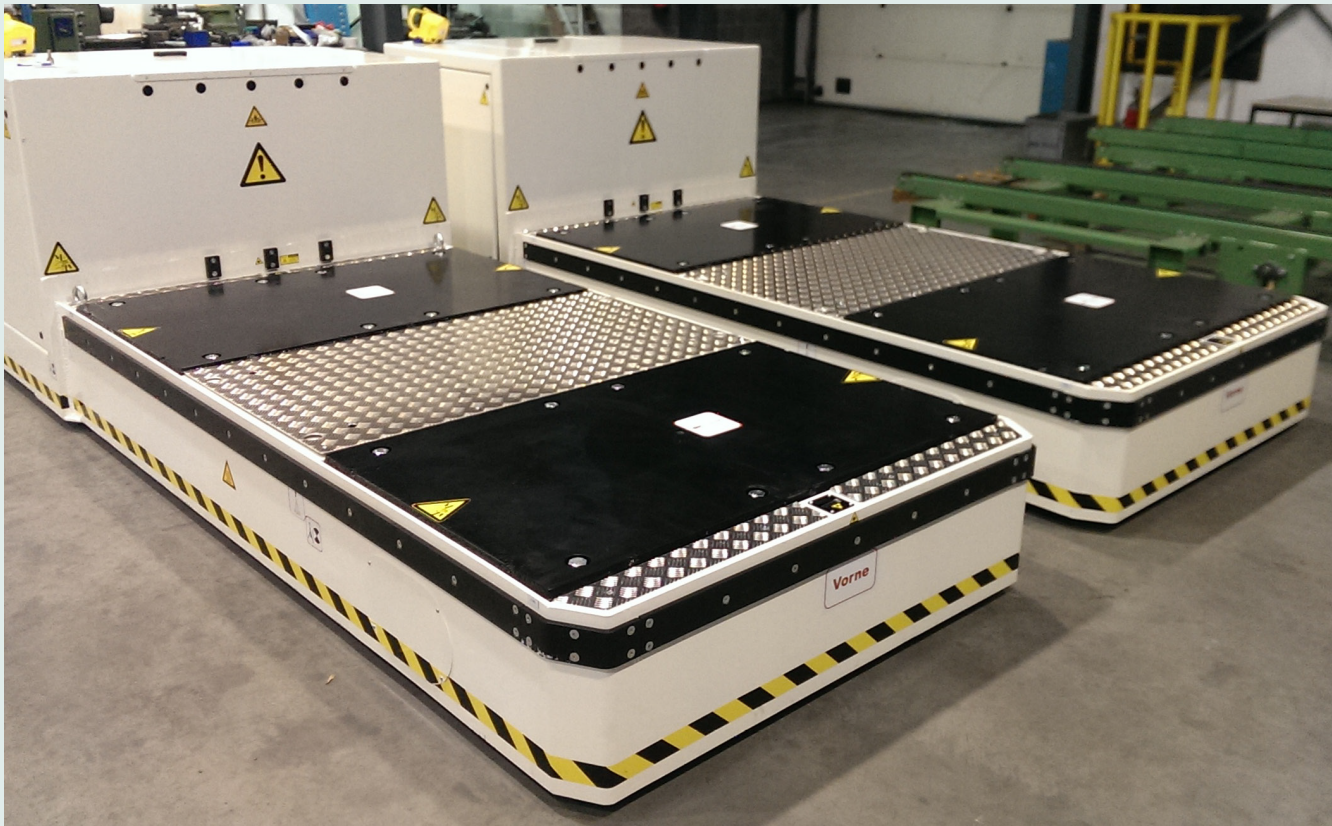


Safety bumper



Slope

ESM also provides a few optional features for your customized application and needs. Possibility to have safety scanner and bumper, and led indication to insure a maximum safety while transporting your tools. Slope and high speed package (ATEX proof) give you a faster and easier transportation, especially adapted to your environment and criteria.



EAS Model	ESM10	ESM20	ESM30	ESM40	ESM50
Length (mm)*	4200	4200	4200	4200	4200
Width (mm)*	1650	1650	1650	1650	1650
Height with PU Wheels (mm)	486	486	486	486	486
Wheel Diameter PU (mm) 2x	400x180	400x180	400x180	400x200	400x200
Following wheels	2	3	4	5	6
Speed (m/min)	40	40	40	40	40
Battery 48VDC	360 Ah	420 Ah	480 Ah	540 Ah	540 Ah
Drive distance (Km)	10	7	5.5	5	5
Max capacity (tons)	10	20	30	40	50

# Save time and money with EAS' Large Mover

## EAS Large Mover

At EAS Europe BV, we noticed the need for efficient transport solutions that adapt to different environments in plants and factories. That's why we went looking for a solution and came up with innovative new products called the EAS Large Mover (ELM), part of our Mover Series.

Our ELM solutions are flexible, easy to use and precise. EAS Mover series has their own special advantages. The Large Mover consists of an efficient and innovative system, customised to match all the expectations of your project.

So how does the ELM work? Well, this flagship system is the pinnacle of efficiency and carefree transport. You can move up to 100 tons to an accuracy of 10 mm. Moreover, you reduce the floor pressure and the surface is hardly loaded.

In short: your go-to partner for loading any heavy object.



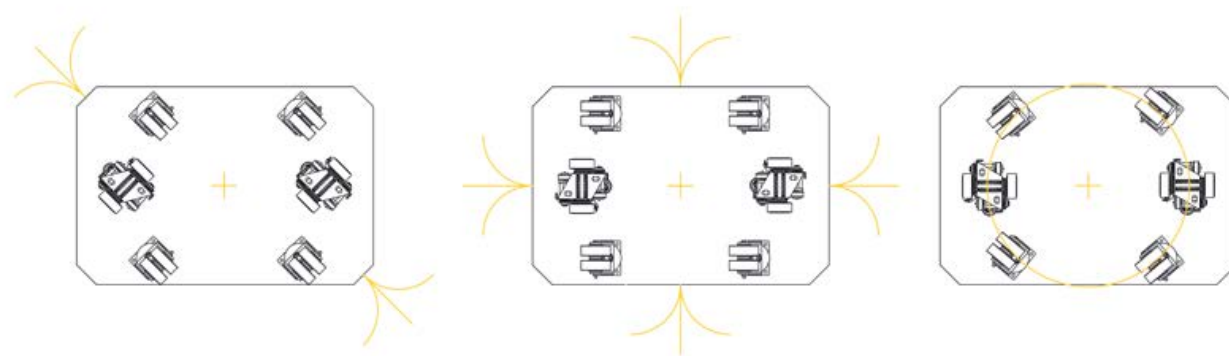
## Driving methods

### Driving direction

The ELM is able to move in reverse, forward and in curves (left and right). The lateral movements you'd expect. Furthermore, it can move in every possible direction, while maintaining a transversal fashion. This signature 'crab' movement means that the ELM can move diagonally in every direction.

### Rotation direction

The ELM rotates around its own axis. This makes it easy to maneuver because of the ELM's center point being located in the middle of its frame.



# ELM for **maximum safety** and ease of maintenance

## Safety features

- Wheels are unreachable thanks to the protection covers
- Possibility to disconnect and lock the power connections
- E-stop and lighting on each corner
- Integrated lifting points



## Ease of use and maintenance

### Precision maneuvering

Precise movements ensure flexibility and accuracy. The ELM can move in all possible directions.

### Minimal friction

Due to our unique wheel setup, the floor pressure will be reduced. The result is top quality carefree transport.

### Minimal maintenance

All sides/compartments of ELM are easy to reach. This makes our system easy to maintain. No need for overhead cranes or other tools. Moreover, the system is standard equipped with a towing function.

### Easy to use in hard-to-reach areas


ELM comes in handy in areas where there are no overhead cranes available or where the open space is limited. Due to the possibility to move omnidirectional, this is a very flexible system.




# Get **Personalized Services** for your ELM

# Caracteristics of the ELM


### Included in every ELM



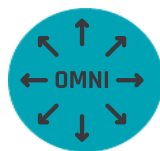
Battery driven




Pneumatics




Dual drive



Omnidirectional




Remote controlled



4G connected

EAS' Large Mover is a battery driven solution using pneumatic and dual driven technologies. Its casters allow an omnidirectional movement controlled remotively and can be used via 4G. All these characteristics are available as a standard product on the ELM.

### Optional for your custom ELM




Pneumatic suspension




Lifting with suspension




Movable, external table



Swivel wheel



Multi wheel




Rail wheel




ATEX proof package




Led indication



Safety scanner



Safety bumper



Slope



High speed package

ELM also provides a few optional features for your customized application and needs. Possibility to have multi wheels and swivel wheel allows you to have smoother movement with your tools. Safety scanner and bumper, and led indication insure a maximum safety while transporting your tools. Rail wheel, slope and high speed package gives you a faster and easier transportation, especially adapted to your environment and criteria.



EAS Model	ELM10	ELM20	ELM30	ELM5048	ELM5080	ELM60	ELM70
Capacity	10	20	30	50	50	60	70
Wheels	8	8	8	8	8	8	8
Speed	0 – 40m/min	0 – 40m/min	0 – 40m/min	0 – 40m/min	0 – 40m/min	0 – 40m/min	0 – 40m/min
Weight	+/- 7.000kg	+/- 7.000kg	+/- 7.000kg	+/- 7.000kg	+/- 7.000kg	+/- 7.000kg	+/- 7.000kg
Max slope	5%	3%	2%	2%	1.5%	1.5%	1.5%
Lift	NO	NO	NO	NO	NO	NO	NO
Battery	280Ah 48V	320Ah 48V	320Ah 48V	320Ah 48V	345Ah80V	345Ah80V	345Ah80V
Power	10kW	16kW	20kW	20kW	30kW	30kW	30kW
Charger	230Vac-20A	400Vac-16A	400Vac-16A	400Vac-16A	400Vac-16A	400Vac-16A	400Vac-16A

## Other solutions



### Tug Units

Using a transporter, the dies are brought from the storage or maintenance area to the press and returned. Several carriers can be hooked up to this car, or you can use it as an integrated unit in a tool transporter.



### Mold Change Cars

Mold transfer methods vary based on the size of the molds, from manual to fully automated. Molds are positioned quickly and precisely with our mold transfer systems. Mobile mold change carts provide even more flexibility.



### Mold Change Tables

Mold change tables are the latest innovation from our engineering team. The tables are designed to boost production efficiency. Machine availability can be increased by 95% with the use of Dutch designed mold change tables.

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