



M • PRODUCTS

mobility solutions

Your specialist in Mobility solutions



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ORGANISATION

Mobility solutions for every sector

With over 40 years of experience in internal transport systems and electric vehicles, M-Products is the expert in mobility solutions. Everything is carried out under our own management, from design to delivery. Our flexibility and versatility and our innovative approach enable us to provide the best mobility solution for every sector!

All the expertise in house

With our advanced, modern and extremely comprehensive professional machine park, we offer:

- ▶ Laser cutting of sheets
- ▶ Laser cutting of tubes
- ▶ Robot welding
- ▶ Forming
- ▶ Punching
- ▶ Cutting
- ▶ Wire bending
- ▶ Pressing
- ▶ Welding
- ▶ Rolling
- ▶ Milling



Tool workshop

The people of our own tool workshop have modified and built a large number of in-house machines for the products we supply. It enables us to produce our products in series, which saves you time and money. Furthermore, the employees of the tool workshop ensure that all machines and tools comply with the stringent requirements of safety, environment and working conditions. Our Tool Workshop Department also maintain all the machines, tools and systems in our factory.

Assembly

Our assembly line has a flexible set-up to ensure it can be prepared quickly and simply for a new series of products. Even during the design of new products, we take account of the eventual assembly. It guarantees the quality of the assembly, prevents impossible situations and it cuts the lead time.

Electrical Department

Whether it is wiring our M-Trikes or writing a complete program for an induction-controlled logistics system, our electrical engineers are extremely competent and solution-led. The rapid increase in electric vehicles and the constantly improving technology in this area make it essential to be and stay at the leading edge. Our employees attend courses, visit trade fairs and obtain certificates to keep their knowledge up to date.

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H SERIE

Productivity and safety in your company

H Serie

The H Series is a series of electric tow tractors of various strengths and dimensions that can be used for pulling, pushing and steering heavy loads, such as transport trolleys, roll containers, caravans, hospital beds, mail carts, waste containers and shopping trolleys. The H Series improves productivity and safety in your company. It reduces the physical strain on your employees and saves time to boot. The compact H Series is easy to operate and can be used for a full working day without recharging. The adjustable steering column ensures all your staff will have a good working posture. The new digital controller stores the brake energy in the batteries.

Options

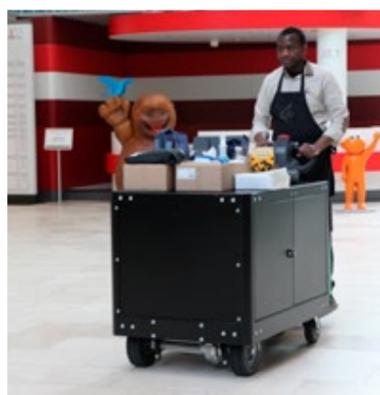
- ▶ Electrical grab
- ▶ Remote control
- ▶ Towing hooks and connectors
- ▶ Crate
- ▶ Ballast weight
- ▶ Non-marking tyres
- ▶ Stainless steel version
- ▶ Lithium battery



View the video of the H-400

HT Serie

The HT Series is a series of electrically driven vehicles, equipped with a spacious loading platform, making it easy to transport goods. It is possible to walk in front of or behind the HT Series, but it is possible to fit an optional folding standing platform so you can ride on the HT. The HT Series is available in a range of dimensions and finishes. Fitting a raised table on the HT makes working conditions even more ergonomic.



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TRIKE SERIE

The compact and strong electric tow tractor

The Trike Series is a series of electric tow tractors of various strengths and dimensions. It doesn't matter how many carts or how much weight you need to transport, there is a trike for you in the strength category of your choice. It is almost always possible to make your existing cart or carts suitable for use in combination with a trike. Their compact construction makes the Trike Series extremely manoeuvrable, enabling you to drive in between anything. The trike is also suitable as a personal means of transport. With their 3 air tyres, trikes are perfect for soft surfaces.

The standard trikes are supplied with no-maintenance batteries, a battery charger, battery meter and an adjustable tiller head. The trikes have two standard speed settings and come with a comprehensive range of options.

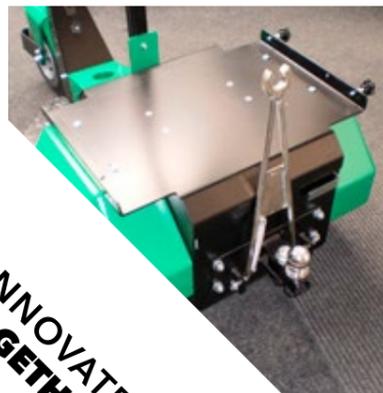
Options

- ▶ Towing hooks and connectors
- ▶ Crate
- ▶ Back support
- ▶ Solid rubber tyres
- ▶ Lithium battery



Various dimensions in Trikes

Tractive force	250 kg	1600 kg	3500 kg
Turning radius	1,2 metres	1,5 metres	1,7 metres
Sizes LxW	1350x570	1436x752	1486x802



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E-NOVA

Electric vehicle for public spaces

The E-Nova is an electric ride-on tow tractor that is extremely suitable for use in public spaces, such as airports and shopping centres. The E-Nova has a modern look and a compact construction. It makes the E-Nova highly manoeuvrable, with a turning radius of just 1.8 meters. Equipped with 3 tall air tyres, the E-Nova travels smoothly over soft terrain.

The E-Nova has an adaptable rear assembly so that it can be used for a wide range of activities. This rear assembly can be equipped with various accessories, such as storage containers and toolboxes. The E-Nova is also available with many different couplings and therefore it can be adapted to any type of trailer.



View the video of the E-Nova

The E-Nova is equipped with a comfortable seat with a backrest. The seat can be adjusted by the driver. The height of the steering wheel is also adjustable. The E-Nova is comfortable and has a practical low entrance.



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VIRTO2 AND VIRTO2C

Low-energy, electric driving on public roads

Vitro2

Virto2 is the successor to the eye-catching Virto and Virto S models, but is more robust, stronger and more durable than its predecessor. With the Virto2, you can easily tow and transport heavy loads at speeds of up to 25 km/h. Various battery configurations and options are available to customise the Virto2 to your needs. The Virto2 has European approval for use on public roads, but is also extremely suitable as a logistics solution for large sites.

Its electric drive makes the Virto2 environmentally friendly and sustainable. Every charge provides you with many clean kilometres.



View the
video of the Virto2

Vitro2C

The Virto2C is the cargo version of the Virto2. The Virto2C is extremely suitable as a low-energy means of transport for goods up to 250 kg. The Virto2C can be used for Last Mile Delivery, and provides solutions for goods transport on large sites, such as industrial parks, ports and airports.

The Virto2C is standard supplied with a flat and spacious loading platform that is equipped with various fixing options. The platform can have an optional locking system for a rear assembly or cargo..



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AGV SOLUTIONS

Autonomous driving in any environment

Self-driving platform

This self-driving vehicle has been specially developed for robotic applications in greenhouse horticulture. The vehicle has the ability to autonomously drive in and out of the paths between the crops via the concrete path and the heating pipes on the ground. Various robot arms can therefore perform work on the crop, for example, crop protection via UVC, scouting and harvesting of a crop.

M-Track

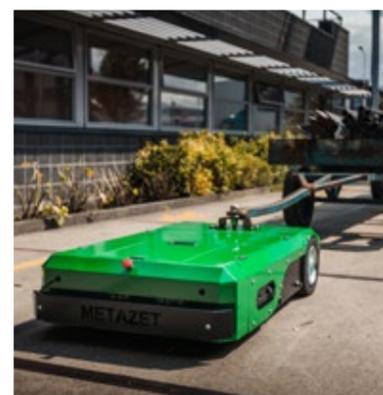
The M-Track of M-Products is an internal transport system based on an induction-driven tow tractor. It is possible to connect various carts behind the tow tractor for transport within the business. The sensor in the M-Track follows the predetermined route by means of an induction wire. There are almost no restrictions on setting the route, and the route can be entered on an optional touch-screen display on the control panel. The M-Track can be controlled either automatically or manually.



View the
M-Flex video here

Technology and safety

The M-Track is a sturdy and robust vehicle with solid tyres. The speed has been limited for safety reasons. In addition, the safety bumper together with the laser scanner ensure that the vehicle will stop immediately whenever there is an obstacle in front of the vehicle.



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MEDICAL VEHICLES

CO₂-neutral and silent transport in care

H-400 and the HT-400

The H-400 and the HT-400 are extremely suitable for goods transport in hospitals and care centres. The electrically driven tow tractors are available in various strengths and dimensions, and can be used to pull, push or steer heavy loads. The H Series and the HT Series improve productivity and safety in your company. They reduce the physical strain on your employees and save time to boot. The compact H Series is easy to operate and can be used for a full working day without recharging. The adjustable steering column ensures all your staff will have a good working posture.



Trike-Series

For goods transport and for use as a personal means of transport in hospitals and care centres we provide the Trike Series. These electric tow tractors are supplied in a range of strengths and dimensions. It doesn't matter how many carts or how much weight you need to transport, there is a trike for you in the strength category of your choice. It is almost always possible to make your existing cart or carts suitable for use in combination with a trike. Their compact construction makes the Trike Series extremely manoeuvrable, enabling you to drive in between anything.



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