

MasterMover®

Worldwide Electric Tug Solutions



AT600 TOW

All

Terrain

TOW

AT600 TOW

The All-Terrain AT600 TOW is a self-weighted unit and is the ideal electric tow for applications where weight transfer is not possible.

Attaching to any load up to 6,000 kg with a draw bar, towing eye or ball hitch fitting is easy thanks to the AT600 TOW's coupling crawl function.

Controlled start acceleration gets the load moving safely and power steering provides effortless manoeuvrability, even on slopes and uneven surfaces.

With the addition of anti-slip, puncture-proof tires and automatic tiller cut off, the AT600 TOW maximises operator

Industries

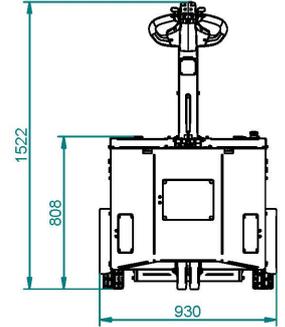
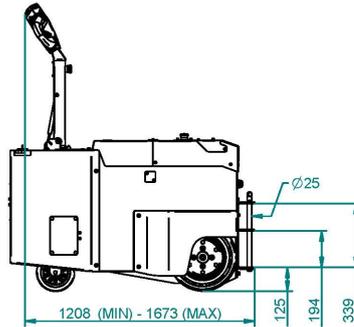
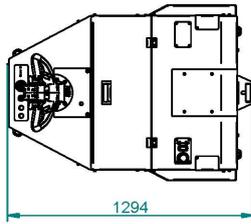
Suitable for use in a wide range of applications and sectors

KeyBenefits

1 year full guarantee

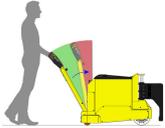
- Pull any load safely up to 6,000 kg
- Interchangeable battery for 24/7 operation
- Attach loads with a draw bar, towing eye or ball hitch
- Wireless control handset
- Tiller arm release automatic braking system
- Internal weight packs for added stability
- Fully customisable and bespoke couplings
- Available in ATEX

ProductDimensions



SafetyFeatures

See our website for full technical details



Automatic cut off when tiller arm returns to vertical



Anti-crush button



Emergency stop button



Warning horn

MaxLoadWeight

See our website for full technical details



Castors

Moves up to 6,000 kg*



Rails

Moves up to 24,000 kg*

*"Maximum load weight" is only a recommendation that we arrive at by estimating rolling resistance. Your environment and wheel type may affect this figure which is why we carry out a detailed technical evaluation on every project. All of our calculations include a "safe work load" factor to ensure safe operation in all circumstances.

Performance data

Product code	AT600 TOW
Recommended load weight - Castors	6000 kg
Recommended load weight - Rails	24,000 kg
Machine weight including battery	600 kg
Drive type	Electric AC
Parking brake	Electromagnetic
Drive wheel type	Superelastic Solid Rubber
Drive motor power	1.7 kW
Controller type	AC
Variable machine speed	0-6kph
Ingress Protection	IP44

Battery data

Battery pack - sealed - 119 Ah 24V - Interchangeable
Battery pack - sealed - 102 Ah 24V - Interchangeable
Battery pack - lithium - 118 Ah 24V - fixed

Charging options

Charger - external - 20A 24V - 85V-265V
Charger - external - 15A 24V - 85V-265V
Charger - internal - 15A 24V - 85V-265V
Charger - lithium - external - 40A 24V - 265V

Additional equipment

flashing safety light and motion bleeper
two speed selector switch
fifth wheel
battery protection system
lithium battery
Wireless control handset

Male coupling options

Coupling - male - pin	
Coupling - male - height adjustable tow ball - 50mm	
Coupling - male - height adjustable box	Fifthwheel only
Coupling - adjustable towing arm	

Female coupling options

Coupling - female - box

To arrange a demonstration, or for further information about our electric tug material handling solutions, please contact us

Airfield Industrial Estate, Moor Farm Road, Ashbourne, Derbyshire, DE6 1HD, United Kingdom

Telephone Sales: 01335 301 030 **Email:** sales@mastermover.com

Fax: **Website:** www.mastermover.com



AboutUs

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Located in Derbyshire, the UK's manufacturing hub, MasterMover is a British business success story with customers all over the world.

`<h2>Safety and efficiency is at the heart of everything we do/h2>`

`<p>MasterMover Ltd is based in the UK and is the world's leading manufacturer of electric tugs. We are a British business success story with innovative handling solutions capable of moving wheeled and semi-wheeled loads from 50 kg up to 360,000 kg.</p>`

Our machines are trusted by market leading organisations and worldwide brands across a broad cross-section of industries including aerospace, automotive, pharmaceutical, retail and healthcare.

Today, we have subsidiaries in America, France, Brazil and Germany alongside a sales partner and service network that extends right across the globe.

`</p>`

`<h3>Our Story/h3>`

`<p>MasterMover was founded by the late Andrew Jones in 1997, starting out with just one machine developed for use in the textile industry. Thanks to a clever combination of power and traction, our original MasterTug took the effort and danger out of moving heavy rolls of cloth around factories.</p>`

It was recognised that this method of moving could be of real use in shops and supermarkets and would reduce the risks associated with the manual handling of roll cages.

As different sectors began to see the safety and efficiency benefits of our load moving solutions, our product ranges

To support an ever-increasing number of machines performing critical operations at customer sites, we focused on building our service teams and supporting our customers with machine rental options.

As our company grew, we expanded our work force and moved to a larger factory. We're proud to say that some of our colleagues have been with us from our earliest years.

With an established product range and brand, it wasn't long before export demand began to develop. We have met this demand through a combination of international sales partners and our own subsidiaries. Our German subsidiary was established in 2012, later followed by the US in 2017 and France in 2018.

Today, under the Partnership of Andy Owen and James Jones, our company continues to go from strength to strength. With a product range that continually evolves to our global customer requirements, and a growing network of trusted dealers and sales partners, our electric tugs are making workplaces around the world safer and more efficient.

/p>

Our Future

As the first to market, we have always been at the forefront of product innovation.

The compact yet powerful SmartMover is ideal for moving wheeled loads of up to 1,200 kg in confined spaces where there is a lot of pedestrian traffic.

Meanwhile, our MasterTugs are capable of moving loads from 2,000 kg up to 20,000 kg, allowing a single pedestrian operator to push, pull and steer heavy and awkward loads safely and easily.

In 2018, we successfully launched our most powerful moving solution to date. The PS3000+ is capable of moving loads of up to 360,000 kg in multiples of 30,000 kg and has already been used to improve safety and efficiency in industries including aerospace manufacturing, as well as steel and wind turbine production.

We are leading the way in AGV technology for electric tugs, providing our customers with cost-effective ways to implement flexible, automated working practices that are truly fit for the future. Our range also includes stainless steel and ATEX compliant load moving solutions, all-terrain machines and trailer moving systems.

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Our Philosophy

Innovation is key to our success. From the outset we have maintained a 100% in-house design and development team, utilising exceptional talent and leading-edge software to create high performance solutions.

We also build and manufacture all of our electric tugs here in the UK. By keeping total control of our end-to-end process, we are confident that our products are well designed, well built, reliable, robust and efficient. As a result, our customers have total peace of mind that their MasterMover solution will deal with the tough tasks and challenges faced in their workplaces on a daily basis.

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