

MasterMover®

Ultra Range

Some loads demand more. The Ultra Range uses MultiLink technology to combine multiple machines into a single, synchronised system capable of moving loads up to 300,000kg.

Ultra +++



Ultra +++

The ultimate load-moving system

Factory layouts and conventional material handling equipment were never designed for the heaviest, most complex load movements. Fixed infrastructure and rigid systems hold operations back, limiting throughput, restricting movement and creating unnecessary risk.

The Ultra range changes that. Powered by MultiLink technology, multiple electric tugs combine into a single, synchronised system - giving one operator the capability to move loads up to 300,000kg, navigate complex routes, and scale capacity to meet the demands of any operation.

Don't let your environment define what's possible.



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Engineered for complex loads

✓ Maximum manoeuvrability

✓ Total freedom of movement

✓ Increase operational efficiency

✓ Unlock flexibility

✓ Remote control for maximum visibility

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PowerSteered tugs with MultiLink technology

The Ultra Range provides weight-moving performance that no single machine can match.

By combining up to four high-capacity electric tugs using MultiLink technology, the Ultra Range allows a single operator to safely and efficiently move loads up to 300,000kg.

Each machine is synchronised via MultiLink to work in unison. The system combines power to deliver smooth, controlled handling of the heaviest industrial loads - all through simple, intuitive remote control operation.



Remote control operation

Maintain maximum visibility and keep operators safe, with precise control for the most demanding load movements.



Scalable by design

Deploy a single machine for everyday loads or combine up to four via MultiLink to tackle the heaviest movements - the Ultra Range scales to the task without changing your infrastructure.



Unrivalled manoeuvrability

Move massive loads through tight spaces and complex routes with manoeuvrability traditional equipment simply can't match.

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How MultiLink works

1 Connect

Up to four PS7000+ electric tugs are connected to the load via robust, secure coupling systems to ensure total load security during movement, even on slopes.

2 Synchronise

The remote pairs to a primary tug which then links with the others to create a unified multi-machine system with synchronised speed and steering so that the load moves as one, with built-in safety protocols to protect operators and payloads.

3 Move

A single operator controls all machines simultaneously with a choice of four different steer modes for smooth, precise movement of loads up to 300,000kg.



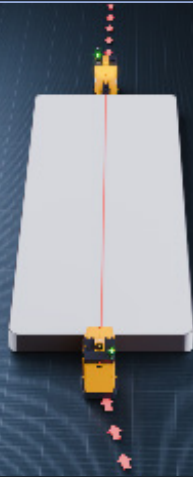
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Steer modes

Four standard **steer modes** deliver flexible control options and where your operation demands something unique, bespoke steer modes can be configured to your exact specification.

Steer mode 1



Keep travel aligned with the load's default centre – ideal for straight, stable movements.

Steer mode 2



For easy positioning, steer mode two operates at a 90° offset.

Steer mode 3



Rotate the load around a virtual centre point, both clockwise and anti-clockwise.

Steer mode 4



Hold the load's orientation whilst you 'crab' it in eight directions – perfect for threading through tight spaces.

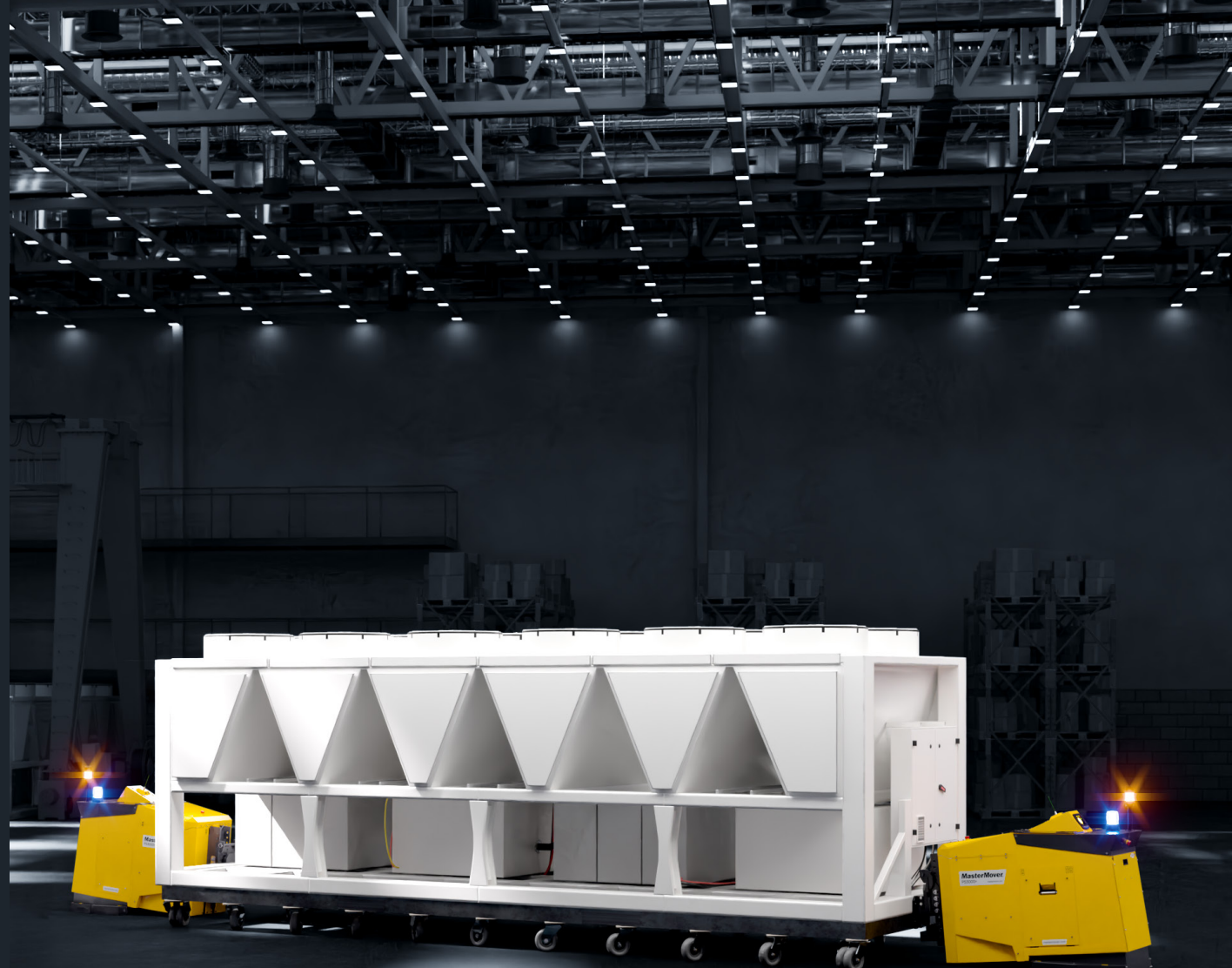
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One system, total control

Using MultiLink, the electric tugs act as one system so that the load is always protected – no twisting, no flexing, just precision movement.

Precise torque and traction control is managed automatically through the MultiLink software, giving operators confidence that every movement is smooth and controlled. This reduces the risk of costly load damage that comes with traditional handling methods and workarounds.

Awkward loads and tight spaces are no match for our Ultra Range of electric tugs with precision steering, compact power, and remote operation that allows the operator to maintain full visibility of the load for clear line-of-sight at every stage.



✓ Reduced risk of damage

✓ Controlled movement

System features

Safety

- A range of different steer modes for positioning accuracy.
- Warning horn, flashing beacon, automatic braking, emergency stop and speed control.
- Optional banksman control for added protection, allowing a second operator to immediately stop the system.

Power

- High-performance, maintenance-free interchangeable batteries for 24/7 operation.
- Optional Battery Protection System maximises longevity.
- Compact design with high-power output.

Connection

- Heavy-duty hydraulic coupling system maximises load security and performance.
- Smart coupling systems use RFID tags to detect load position and adjust machine performance accordingly.
- Self-levelling hydraulics for secure, stable movements even on slopes.

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Control

- Scales to your requirements with up to 300,000kg capacity.
- Up to four machines working in unison under single-operator control.
- Machine synchronisation for balanced traction force across all units.



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Ultra Range in action



Data center supply

Ideal for moving large gensets, chillers, HVAC units, CDUs, and energy storage systems.



Energy

Easily move and position high-value, delicate turbine blades without risk.



Manufacturing

Manoeuvre large sub-assemblies, flask assemblies, and finished castings between production stages.



Naval & Defense

Precision positioning and secure load movement for critical submarine and military aircraft loads.

Ongoing support

Our services



Servicing & maintenance

Keep your electric tugs moving with planned maintenance to prevent downtime and protect your investment by extending machine life.

With flexible servicing packs, our service engineers provide scheduled maintenance and safety checks, backed by lifetime technical support and guaranteed parts delivery.



Custom solutions

Recognising that every material handling requirement is different, our in-house Customer Engineering team is equipped to create custom solutions centred around your specific requirements.



Approved parts

Manufacturer-approved parts for quality assurance. By using genuine MasterMover parts, you benefit from guaranteed compatibility and superior quality, maximising your electric tugs' service life and performance.

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The ultimate load moving system

Take on the heaviest load movements and scale operations easily with our **Ultra Range** of electric tugs, tailored to your workflows.

Get in touch with our team today
[mastermover.com](https://www.mastermover.com)



Engineered
innovation.
Performance
guaranteed.

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