

MasterMover®

Aerospace Manufacturing Load Moving

Take control. Enhance manoeuvrability.
Achieve unmatched precision.



Your aerospace equipment moving partners

Engineered by industry experts, trusted by industry leaders.

Manufacturing large, complex, and high-value loads requires precision movement throughout production. Whether it's aerostructures or mobile work platforms, electric tugs provide the controlled movement needed to maximise productivity and safety whilst preventing potential damage to loads.

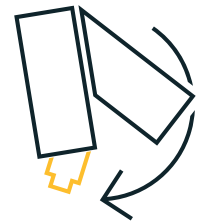
- Aerostructures, wings, and composites
- Turnover jigs, moulds, and tooling
- Aero engines, build stands, and fan casings
- Components, parts, and kitting trolleys
- Mobile work platforms and staging

MasterMover®



Supercharge your processes

Maximise efficiency when handling high-value or sensitive loads in demanding production environments.



Remove risk of damage

Push, pull, and position loads with unmatched precision.



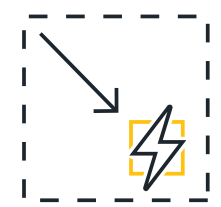
Heavy-duty power

Move loads up to 70,000kg and beyond.



Maximise safety

Reduce the risk of injury and protect your people.



Compact power

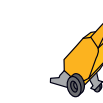
Built to work in tight spaces for maximum manoeuvrability.

MasterMover



Keep operations moving

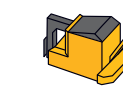
Machine key:



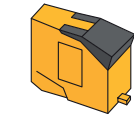
SmartMover



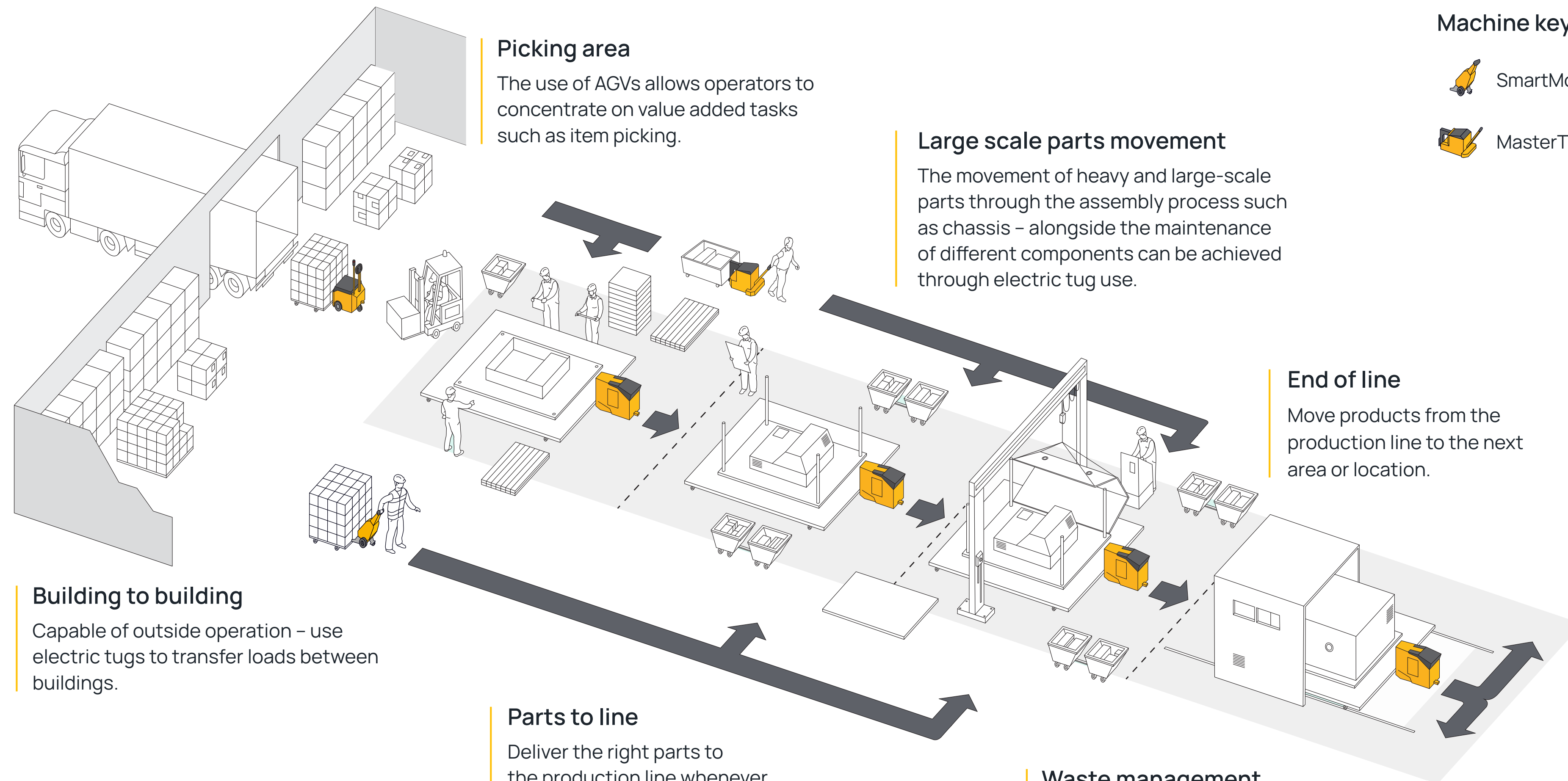
MasterTow AGV



MasterTug



PowerSteered



Picking area

The use of AGVs allows operators to concentrate on value added tasks such as item picking.

Large scale parts movement

The movement of heavy and large-scale parts through the assembly process such as chassis – alongside the maintenance of different components can be achieved through electric tug use.

End of line

Move products from the production line to the next area or location.

Building to building

Capable of outside operation – use electric tugs to transfer loads between buildings.

Parts to line

Deliver the right parts to the production line whenever they are needed.

Waste management

Remove waste materials away from the production line for processing with an automated guided vehicle for better utilisation of people.

Built to perform

Heavy-duty solutions with precise control and no operator license required for aerospace manufacturing — ideal for moving everything from aero engines to staging whilst protecting staff and avoiding costly damage to loads and equipment.



SmartMover

Weight capacity: Up to 2,000kg

Small but powerful to eliminate manual handling.



MasterTug

Weight capacity: Up to 20,000kg

Versatile power. Perfect for moving jigs, moulds, and staging.



MasterTow

Weight capacity: Up to 20,000kg

Heavy-duty towing for loads with drawbars.

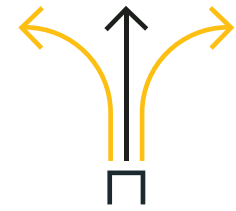


PowerSteered

Weight capacity: Up to 70,000kg

Maximum manoeuvrability for high-value, complex loads.

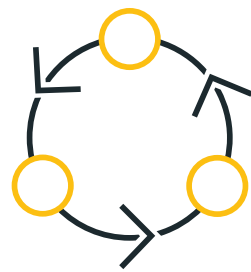
Technology options



Remote Control

Maintain operator visibility.

With easy-to-use controls, operators can safely and easily control load movement from the ideal vantage point whilst adjusting the speed and direction of the tug remotely.



MultiLink

Combine machine power for even heavier loads.

Ideal for large, awkward loads requiring manoeuvrability, MultiLink allows multiple tugs to work together under the control of a single operator and the movement of heavier loads by combining the power of multiple machines.



Automated Guided Vehicles

Advanced automation with natural navigation.

Automate repetitive manual tasks, building-to-building movements, and lineside deliveries to free up staff for higher value activities – boosting productivity and reducing downtime.



Trusted by industry leaders

Major aerospace manufacturers across the globe are adopting flexible electric handling solutions to enhance safety, maintain control, and ensure manoeuvrability when moving high-value components.

Who we work with...

The Airbus logo, consisting of the word "AIRBUS" in a bold, blue, sans-serif font.The Boeing logo, featuring a stylized blue "B" with a wing-like shape and the word "BOEING" in a blue, sans-serif font.The GE Aviation logo, featuring the GE monogram in a blue circle followed by the text "GE Aviation" in a blue, sans-serif font.The Pratt & Whitney logo, featuring a blue sunburst icon followed by the text "Pratt & Whitney" and "A United Technologies Company" in a smaller font.The Safran logo, featuring a blue stylized "S" followed by the text "SAFRAN" and "AEROSPACE · DEFENCE · SECURITY" in a smaller font.The Rolls-Royce logo, featuring a blue shield with the letters "RR" and the words "ROLLS" and "ROYCE" above and below respectively.

“MasterMover always attend site on-time for any maintenance or issues and are always very helpful. Everyone I’ve dealt with at MasterMover has been very knowledgeable.”

David Uden-Corrick
Test Cell Team Leader, Rolls-Royce

Tuggers in action



Engineered
innovation.
Performance
guaranteed.

MasterMover[®]