

STRINGO®

THE ORIGINAL VEHICLE MOVER



Stringo S5 **4WM**

PURPOSE-BUILT FOUR-WHEEL VEHICLE MOVER
FOR THE EV REVOLUTION.

Stringo® – the market leader in vehicle moving with patented technologies and innovations. The Four-Wheel Mover (4WM) is a safe and efficient way to move vehicles lifting all four tyres.

Stringo® and its operator can in a minimal period of time, move a wide range of vehicles in the most confined spaces with ease, superior safety, and zero pollution. All Stringo® models are easy to operate – just drive the unit up against the tires, press a button on the handle, and you're ready to go!

THE AUTOMOTIVE industry is experiencing its most dramatic paradigm shift since the inception of cars. In the coming years, a billion vehicles will shift to EV and even more complex electrical functions that hinder vehicle movement. And the more it does, vehicle manufacturers will need to adapt production lines, testing and car dealerships to move these new generation of vehicles, many which lock all four wheels.

STRINGO HAS A next generation product for this need: the Four-Wheel Mover (4WM), a safe and efficient way to move these vehicles that lifts the four tyres using Stringo's solutions, the market leader in vehicle moving with patented technologies and innovations. Using the 4WM, End-Of-Line production operators can maneuver the vehicle in full confidence and place it in where it needs to go without the safety risk that using skates or other half measures to move an all wheel locked vehicle. For testing engineers, the 4WM is optimised for chassis dynamometer environments and perfect for climate testing. Since it's all electric, no emissions are introduced into the work environment.

*The above-illustrated Stringo S5 4WM is equipped with extra options.

“Every Stringo® is adapted from creation according to its future owner's specific needs.”

Use Cases

SAFE, SINGLE OPERATOR VEHICLE MOVING

Using a Stringo means vehicles can be transported by a single operator, without using multiple people pushing. Additionally, the operator's safety is ensured.

PROTECTION OF VEHICLE

Any damage in vehicle moving can render impact to a car's value. Stringo's protect these valuable investments.

EV SAFETY IN TESTING ENVIRONMENTS

Due to the imminent danger of thermal runaway to both workers and the dyno environment, Stringo—equipped with the TREK option—provides an important safety solution for quickly and safely removing unstable vehicles from the testing area.

CUSTOMISATION

Stringo's ability to be customised with flexible specifications and engineering solutions is a key benefit.

PRODUCTION LINE DISRUPTION

In the event of production line malfunctioning, it's critical to move vehicles off the production line to minimise downtime.

EXTREME CLIMATE TESTING

Testing regimes like extreme cold temperature and others can disable all four wheels, necessitating a 4WM solution to extract the vehicle from the chassis dynamometer.

Technical Data Stringo® S5 4WM

WEIGHT INFORMATION

Service weight*	1 330 kg / 2 932 lbs
Max load – axle weight	3 200 kg / 7 054 lbs
Max load – vehicle weight	5 000 kg / 11 023 lbs

ELECTRIC SYSTEM

Motor output***	2 500 W
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BATTERY

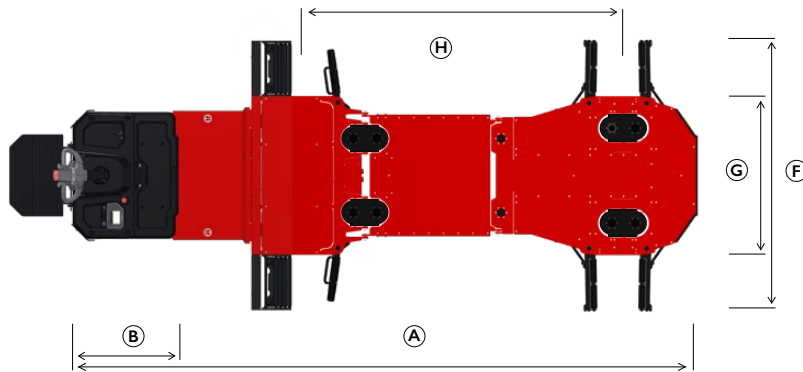
Battery type	Lead Acid
Battery capacity	375 Ah

PERFORMANCE

Speed	0-3 km/h / 1.9 mph
Dual speed	0-6 km/h / 3.7 mph
Operating time/ Charge	6 h

WHEEL SYSTEM

Drive wheel	∅ 254 x 100 mm / ∅ 10 x 3.9 in
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STANDARD DIMENSIONS

Length (A)**	4 746 – 5 946 mm / 186 – 234 in
Drive unit (B)	800 mm / 31 in
Outside (F)	2 000 mm / 72,8 in
Inside (G)	1 180 mm / 44,4 in
Wheelbase (H)	2 300-3 500 mm / 90 – 137 in

* Depending on battery **Telescopic function adds additional 400 mm / 15.80 in.

*** HP option is intended to be used on inclines greater than 5%.

Options



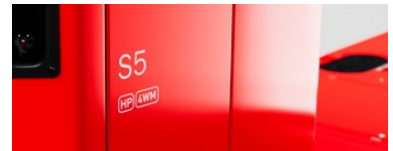
REMOTE CONTROL

An operator is able to move a vehicle with the Stringo® S5 4WM from distances of up to 100 meters using the remote option to provide maximum operator safety.



CAMERA

Allows the operator to see obstacles and take action for optimal safety.



HIGH PERFORMANCE DRIVE UNIT HP

Safe and strong power delivery helps move the Stringo® S5 4WM's payloads with stability and accuracy—even on inclines over 5%, where extra traction and control are essential.

Next Generation Technology

Steer-by-wire – Our steering communication delivers high maneuverability in tight spaces, ergonomics for the operator and overall safety.

AC Drive and Servo Motors – Allows for speed variability and precision at all times. This allows smoother operation and prevents vehicle damage.

Modern interface – Our new intuitive display interface uses high impact graphics and an advanced library of functions, error codes and live safety warnings. Code lock comes as standard.

Articulated construction – The hinged nature of the Stringo® S5 4WM allows for the different sections of the machine to move over transitions and surfaces with ease creating a smooth ride. The 11 main points of load distribution allows for far greater stability and safety of the vehicle being moved.