

STRINGO®

THE ORIGINAL VEHICLE MOVER



Stringo® 550 PLUS **HP** **4WM**

PURPOSE BUILT FOUR-WHEEL VEHICLE
MOVING 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.

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

Use Cases

FOUR-WHEEL MOVING

In the case of EV vehicles or certain testing environments, four-wheel moving is essential, either using a Stringo® and DuoMovers or a dedicated Four-Wheel Mover (4WM).

EV SAFETY IN TESTING ENVIRONMENTS

As the risk of thermal runaway is an imminent danger to workers and the dyno environment, Stringos are important safety options when an unstable vehicle needs to be moved out of a testing environment.

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.

EMISSION TESTING

To keep the dyno environment integrity, using a Stringo allows for vehicle moving without introducing emissions.

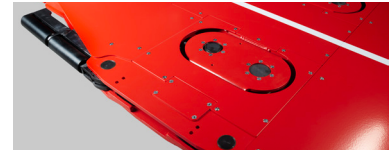
SAFE, SINGLE OPERATOR VEHICLE MOVING

A Stringo enables vehicles to be moved by a single operator, instead of several people pushing it. Additionally, the operator's safety is ensured.

CUSTOMISATION

Stringos ability to be customised with flexible specifications and engineering solutions is a key benefit.

Features



ADJUSTABLE BOGIE POSITION

It is possible to adjust the extended front bogie position according to spacing between rollers in a dynamometer testing environment.



CAMERA

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



ARTICULATED CONSTRUCTION

Distributed load design over eight different points of contact for greater stability and load capacity over surfaces and movement.

Technical Data Stringo® 550 PLUS HP 4WM

WEIGHT INFORMATION

Service weight	1 550 kg / 3 410 lbs
Max load – vehicle axle weight	3 200 kg / 7 054 lbs
Train weight	6 550 kg / 14 410 lbs

ELECTRIC SYSTEM

Motor output	3 500 W
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BATTERY

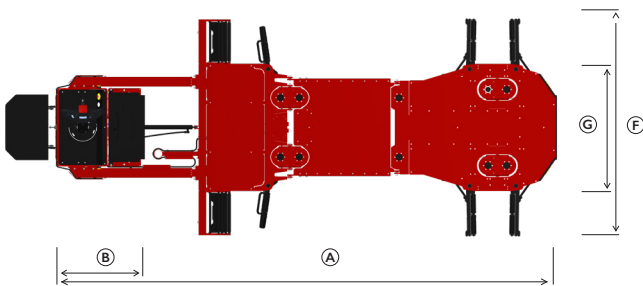
Battery type	Traction
Battery capacity	375 Ah

PERFORMANCE

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

WHEEL SYSTEM

Drive wheel	Ø 350 x 140 mm / Ø 13.8 x 5.5 in
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STANDARD DIMENSIONS

Length (A)*	4 725 – 5 925 mm / 186,0 – 233,0 in
Drive part measurement (B)	780 mm / 30,7 in
Outside measurement (F)	2 000 mm / 78,7 in
Inside measurement (G)	1 180 mm / 46,4 in
Wheelbase	2 300-3 500 mm / 90,5 – 137,8 in

* Telescopic function adds additional 400 mm / 15.80 in.

Easy to use

The 4WM has a number of intuitive features that gives the operator full control with minimal effort for electric vehicles (EV).

Automatic wheel base adjustment covers 95% of percent of vehicle wheel bases.

One button control. Easy and controlled loading and unloading sequences in one go, assuring error free vehicle moving.

High Performance (HP). Safe and strong power delivery helps move the Stringo® 4WM's payloads with stability and accuracy.

Load/unload LED's makes it clear for the operator when loading/unloading sequence is fully completed.