

# STRINGO®

THE ORIGINAL VEHICLE MOVER



## Stringo S5+

THE NEXT GENERATION OF  
VEHICLE MOVERS ARRIVE

For almost 40 years, Stringo® has focused on one goal: being the original and most loved vehicle moving solution for automotive professionals around the world. And now with the **Stringo S5**, we're taking all that passion and launching our next generation drive unit platform—with a powerful AC drive motor, advanced user design and steer-by-wire. AGV ready and one that will help move the heavier vehicles safely and with ease.

The Stringo S5 is a heavy-duty safe, single operator vehicle mover that delivers a combination of strength and efficiency along with excellent manoeuvrability. And it's available with ride-on platform (Stringo S5 Ride-on) or without (Stringo S5 Pedestrian).

**THE AUTOMOTIVE** industry is experiencing its most dramatic paradigm shift since the inception of cars. In the coming years, vehicles will shift to EV as well as heavier cars. And the more they do, vehicle manufacturers will need to adapt production lines, testing and car dealerships to move these new generation of vehicles.

**STRINGO® HAS A** next generation product for this need: the Stringo S5, a safe, single operator vehicle moving tool perfect for your robust needs. We leave nothing to chance, which is evident in our Stringo S5 model. Using the S5, automotive professionals production operators can manoeuvre the vehicle in full confidence and place it in where it needs to go without safety risk or damage. Since it's all electric, no emissions are introduced into the work environment. And with the PLUS upgraded front-section, this robust model is equipped with bogie wheels and designed for high-frequency use and long-distance moving. This powerful machine enables you to smoothly ride over obstacles or transitions that come in your way—without losing speed or precision.

*\*The above-illustrated Stringo S5 PLUS is equipped with extra options.*

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

# Use Cases

## PRODUCTION LINE DISRUPTION

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

## AGV READY

CAN bus architecture allows multiple systems and technologies to use a Stringo® for remote moving, AGV and other software solutions.

## HEAVIER WEIGHTS AND WHEELBASES

The new EV cars, trucks and other vehicles have greatly increased the load demand for vehicle moves to move up to 5T weight classes, requiring a robust vehicle moving solution.

## EV SAFETY IN TESTING ENVIRONMENTS

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

## CRASH TEST LAB

As crash testing involves the heaviest duty simulations, due to lost wheels, vehicle bodywork damage and other impacts, dragging resistance may increase requiring a heavier and stronger vehicle mover to load and extract.

## Technical Data Stringo S5+

### WEIGHT INFORMATION

Service weight	970 kg / 2 138 lbs*
Max load – vehicle axle weight	3 200 kg / 7 054 lbs
Train weight	5 940 kg / 13 095 lbs

### ELECTRIC SYSTEM

Motor output	2 500W
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### BATTERY

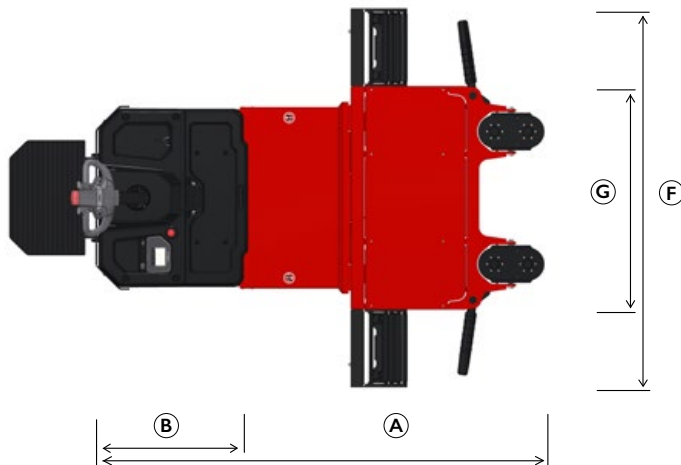
Battery type	Traction
Battery capacity	375 Ah

### PERFORMANCE

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

### WHEEL SYSTEM

Drive wheel	Ø 254 x 100 mm / Ø 10 x 3,9 in
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### STANDARD DIMENSIONS

Length (A)**	2 372 – 2 772 mm / 93,4 – 109,1 in
Drive part measurement (B)	793 mm / 31,2 in
Outside measurement (F)	1 900 mm / 74,8 in
Inside measurement (G)	1 180 mm / 46,4 in

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

## Options



### ONBOARD CHARGING WITH CABLE STORAGE

The charging plug is easily accessible with safe, integrated cable storage allowing for an easy charging experience.



### SAFETY OPTIONS

Sound and light configurations increase safety and situational awareness.



### RIDE-ON PLATFORM

Spring-loaded platform gives comfort and prevents leg fatigue over the course of the operating day.

## 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** – Allow for speed variability and precision at all times. This allows smoother operation and preventing vehicle damage.

**AGV Ready** – CAN bus architecture allows multiple systems and technologies to use the Stringo S5 control system for remote moving, AGV and other software solutions.

**Modern interface** – Our new intuitive display interface uses high impact graphics and an advanced library of functions, error codes and live safety warnings. USB charging included and code lock and/or RFID capabilities.