



LIVE LUGGAGE
POWER ASSISTED

PAN-CAKE WHEEL TECHNOLOGY

Pan-Cake Wheel Technology

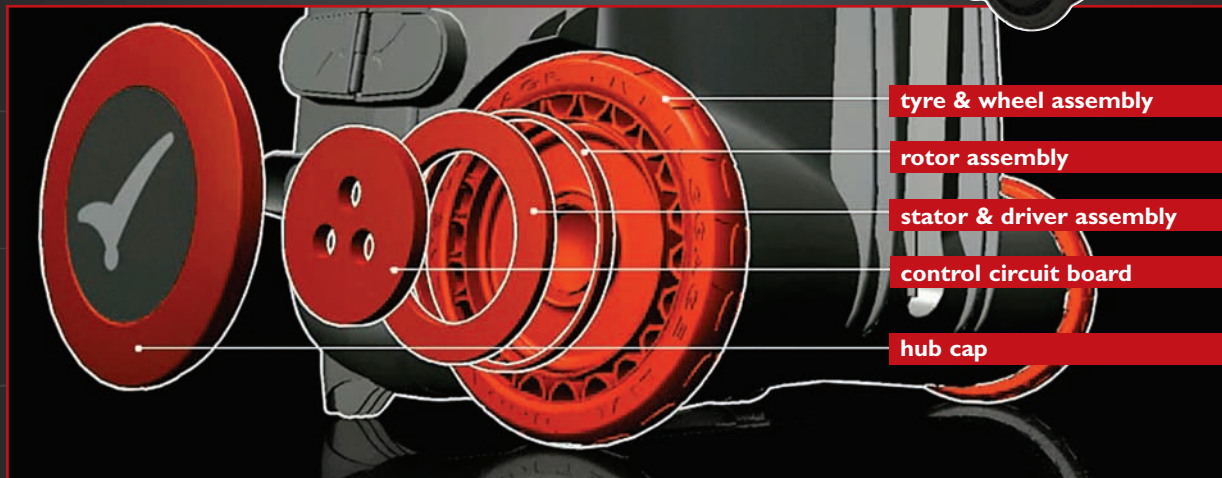
Live Luggage Pan-Cake Wheels have been conceived as ready to use controllable wheel, they incorporate all of the electronics, the sensors and power management systems to allow easy integration into the Live Luggage application.

With built-in temperature and current monitors, the wheel motors can be used with no further control circuitry - simply supply the Live Luggage battery pack 12vdc and a potentiometer to provide smooth and controllable torque. (Fully rechargeable system)

Designed to handle the rigors of luggage handling, the wheels can each support payloads of up to 32kg. With a solid tyre and a cleverly designed flexible wheel rim the wheels run smoothly over most uneven surfaces. With inbuilt differential functionality, they are ideal working in conjunction with the Anti Gravity handle.

By careful use of magnetic and thermal modeling, Live Luggage has optimized the trade offs between weight and efficiency to provide a durable and 'cool' running lightweight wheel.

The innovative upright luggage system design embodies sensitive proportional torque control to smoothly assist the user and 'take the load off' heavily laden suitcases, using only the equivalent of 10 x AA rechargeable Ni-MH batteries.



because the world is not flat

www.liveluggage.com