

Airwheel Launches AI Wheel Cabin Luxury Suitcase: The 20-Inch Carry-On Electric Smart Riding Hand Luggage

Airwheel has redefined modern mobility with the launch of its groundbreaking AI Wheel Cabin, a 20-inch smart suitcase that transforms the travel experience.

BRUSSELS, BELGIUM, September 1, 2026 /EINPresswire.com/ -- For decades, the [suitcase](#) was little more than a container for clothes and travel essentials. Now, Airwheel is redefining what luggage can be—transforming it into an intelligent, rideable travel companion.

Leveraging over a decade of expertise in intelligent mobility and a portfolio of more than 600 patents, Airwheel integrates electric drive systems, smart connectivity, and premium design into a new generation of AI-powered luggage. Beyond USB charging and digital tracking, its rideable suitcases help travelers move more efficiently through airports, railway stations, and other transit

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The Airwheel SE3SXD 20-inch electric cabin luxury suitcase that rides at 9.9 km/h, carries 95 kg, and connects via Apple Find My—redefining what modern carry-on smart luggage can do.”

Airwheel



he Airwheel AI Luxury Suitcase transforming from a carry-on suitcase into a rideable electric vehicle in a modern airport setting.

hubs—merging the functions of a smart suitcase, electric suitcase, and [cabin suitcase](#) into one cohesive device.

From Smart Suitcase to Active Mobility Platform
Airwheel’s intelligent luggage technology embeds electric drive systems, folding steering mechanisms, intelligent deployment structures, and advanced battery safety features within compact suitcase frames.

On select models, the suitcase can transform from a traditional carry-on into a rideable electric vehicle in seconds. Travelers can use it as standard luggage when

needed and switch to riding mode in larger terminals or other suitable environments.

A flagship example is the SE3SXD AI [Luxury Suitcase](#). Its one-touch deployment system simultaneously releases the front wheel and riding handle, enabling a smooth transition from a premium 20-inch cabin suitcase to an electric rideable device. The model also features app connectivity, Apple Find My integration, USB power output, cruise control, and smart lighting. Its 73.26Wh removable battery is designed with airline travel in mind, incorporating multiple safety protections.

Rather than treating technology as an afterthought, Airwheel embeds mobility, connectivity, and luggage functionality into a single, integrated travel platform.

Engineering for the Real World
Designing a rideable suitcase requires a fundamentally different engineering approach. The product must remain compact and practical while accommodating motors, steering systems, batteries, and structural components.

Airwheel addresses these challenges using ABS+PC composite materials, reinforced aluminum frames, compact drive systems, and proprietary folding mechanisms. Its technology portfolio spans motor systems, intelligent deployment structures, folding steering mechanisms, and battery management.

Depending on the model, Airwheel's rideable suitcases can reach speeds of up to 13 km/h and support loads of up to 110 kg, while lighter cabin models prioritize portability and airline-friendly battery configurations. This balance between luggage utility and mobility convenience is central



Ditch the drag—the Airwheel AI Smart Cabin Suitcase is a 20-inch electric carry-on with an airline-approved removable battery, built for effortless airport navigation.



Engineered for the modern executive, the Airwheel AI Executive Cabin Suitcase pairs intelligent performance with timeless elegance in a 20-inch carry-on featuring an airline-compliant 73.26Wh removable battery.

to the company's design philosophy.

An Award-Winning Smart Luggage Family

Airwheel offers a broad product lineup, ranging from cabin luggage and electric suitcases to rideable models and larger travel cases.

SE3SXD AI Luxury Suitcase – Flagship 20-inch AI suitcase with electric riding, smart connectivity, speeds up to 9.9 km/h, 95 kg load capacity, app controls, Apple Find My, USB output, and cruise control.

SE3SL+ Cabin Suitcase – Lightweight 20-inch rideable model designed for frequent flyers; recipient of the 2025 AIIA Design Award.

SE3SL Smart Suitcase – Focused on lightweight construction, connected features, and premium design; recognized with the 2026 Asian Design Award and 2025 IDEA Award.

SE3S Electric Suitcase – Established rideable model with speeds up to 13 km/h and higher load capacity; honored with the German Design Award, French Design Award, Paris DNA, NYC Product Design Award, and Italian A' Design Award.

SE3SX Cabin Suitcase – Lightweight 20-inch carry-on with Apple Find My, smart lighting, and rideable functionality.

SE3MiniT Boarding Suitcase – Compact urban commuting format.

SE3T 24-Inch Scooter Suitcase – Larger storage capacity for longer journeys and family travel.

SQ3S Kids Suitcase – Compact rideable design for younger travelers, with a max speed of 6.5 km/h and 40 kg load capacity.

In total, Airwheel's intelligent luggage lineup has received more than 39 international design awards and recognitions, underscoring its strength in merging industrial design with mobility engineering.

More Than Mobility: A Connected Travel Ecosystem

Electric riding is just one aspect of Airwheel's smart luggage vision. On supported models, the Airwheel app offers riding controls, battery monitoring, cruise control, and lighting settings. Apple Find My integration adds an extra layer of security, helping travelers locate their luggage with ease. USB power output also turns the suitcase into a convenient mobile charging source during trips.

These capabilities reflect a broader shift in consumer technology—intelligent functions are moving from smartphones into physical products, making everyday objects more connected and

responsive. The suitcase is no exception. Rather than adding another device to carry, Airwheel embeds mobility and digital functionality into an item travelers already rely on.

Rethinking the Modern Carry-On

As electric mobility reshapes short-distance transportation, rideable luggage is bringing that same innovation to airports, railway stations, and beyond. By combining luggage and personal transport in one device, Airwheel offers travelers a more efficient way to move between destinations.

Beyond creating a faster electric suitcase, the company is exploring how AI, connectivity, and intelligent controls can make luggage more adaptive and useful throughout the journey. Its approach integrates electric mobility, smart technology, battery systems, and premium design into a new generation of travel gear.

Moving Travel Forward

With more than 600 patents and trademarks across global markets, Airwheel has built a robust technology foundation in intelligent mobility and smart luggage. Its products have earned over 39 international design awards and generated more than 20 billion media impressions worldwide.

Airwheel believes travel should require less effort, and that technology should make every journey more convenient. From airports and railway stations to business trips and family vacations, the company is redefining luggage as an intelligent mobility companion—one that doesn't just follow travelers, but moves with them.

Jonas

Airwheel Europe S.A.

+32 494 26 71 78

[email us here](#)

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