



### **Allison develops automatic transmission for Scania bi-articulated bus**

*Swedish company launches bi-articulated bus in Brazil with a transmission designed by Allison to enhance the vehicle's performance*

**SÃO PAULO** – Scania and Allison Transmission recently announced the launch of the latest solution for the Bus Rapid Transit (BRT) market in Brazil. The 28-meter, bi-articulated bus integrating a fully automatic transmission optimized by Allison engineers, delivers superior reliability, fuel efficiency and performance.

The new front-engine bus has a 360 hp Scania Euro 5 engine and an Allison six-speed, fully automatic transmission. Specially tailored by Allison engineers in Brazil to be integrated into the bi-articulated powertrain, the result of this joint effort is the B 516R transmission with retarder.

Allison Automatics are essential to improving reliability, drivability and safety, while reducing vehicle operating costs. Additionally, the retarder allows the bus to slow with less wear on the braking system for better control and maneuverability.

“The customization process for this bi-articulated bus began with selecting a wide ratio gear set as our base model choice for this joint effort with Scania. Engineered with the incorporation of a high-capacity heat exchanger and unique operational software, we are very proud of the B 516R project,” said Celso A. João, application engineering manager for Allison in South America.

After launching in other Latin America countries, Scania and Allison are now introducing this locally produced bi-articulated bus to the Brazilian city bus market.

#### **About Allison Transmission**




Allison Transmission (NYSE: ALSN) is the world's largest manufacturer of fully automatic transmissions for medium- and heavy-duty commercial vehicles and is a leader in hybrid-propulsion systems for city buses. Allison transmissions are used in a variety of applications including refuse, construction, fire, distribution, bus, motorhomes, defense and energy. Founded in 1915, the company is headquartered in Indianapolis, Indiana, USA and employs approximately 2,700 people worldwide. With a market presence in more than 80 countries, Allison has regional headquarters in the Netherlands, China and Brazil with manufacturing facilities in the U.S., Hungary and India. Allison also has approximately 1,400 independent distributor and dealer locations worldwide. For more information, visit [allisontransmission.com](http://allisontransmission.com).

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### Images

	<p>Allison's fully automatic transmission with retarder was the starting point for engineering the exclusive bi-articulated B 516R transmission for Scania.</p>
	<p>The automatic-equipped, bi-articulated bus designed jointly by Allison and Scania, features improved reliability, drivability and safety, while reducing vehicle operating costs and unwanted emissions.</p>
	<p>After first launching in Mexico, the Brazilian Bus Rapid Transit (BRT) market is next to receive the new Allison-equipped, bi-articulated buses manufactured by Scania.</p>