

## Just Auto

News October 14, 2021

# Ströman Maskin specifies Allison fully automatic transmission

Transmission has been calibrated to cope with low speeds.

Simon Warburton



**Simon Warburton**

**M**unicipal vehicle specialist, Ströman Maskin of Kungälv, near Gothenburg in Sweden, has specified an Allison fully automatic transmission on a multi-function road sweeper supplied to a municipality in Stockholm.

As part of a public procurement process, requirements were placed on load capacity, working environment and the ability to handle multiple applications such as sweeping and snow ploughing.

The result was a machine built on a Scania XT chassis, with a chameleon system, which allows the customer to convert the sweeper into a truck for snow removal and de-icing. The vehicle is equipped with an Allison 4500 Series fully automatic transmission.

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“After we received the order, we bought a Scania truck from Bilab, a dealer in Kungälv, Sweden, which was then sent to Bucher Municipal, our principal in Denmark,” said Ströman Maskin’s Magnus Roslund.

“They built the vehicle to match our customer’s wishes and then it came back to us for completion. In June this year, we delivered the vehicle and after some training with the customer, it is now out driving on the streets.

“Right now, the machine is used for both maintenance sweeping and suctioning and will be until winter comes. Then we have prepared the vehicle so the customer can change it from a summer vehicle to a winter vehicle, so instead of sweeping, it can be used for snow removal and de-icing as dictated by the weather.”

The transmission has been calibrated to cope with low speeds with the help of Allison Authorised partner, IM Transmission in Stockholm.

“Our customer had used other gearboxes before, but one of the reasons they chose the [Allison Transmission](#) was that it can offer soft gear shifts and opportunities to create good working speeds for each of the vehicle’s tasks,” added Roslund.

“The machine will travel in city traffic in both summer and winter, so it was extra important it could handle lower speeds and be both comfortable and safe for the driver.”

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