



For Immediate Release

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Pflaum Logistik Improves Fleet Sustainability with Carrier Transicold Engineless ICELAND Units and New LNG Trucks

GEORGS Marienhütte, Germany, March 30, 2022 — Franconian freight forwarder Pflaum Logistik has taken delivery of five new rigid trucks running on liquified natural gas (LNG), fitted with engineless Carrier Transicold ICELAND temperature-controlled units, in a move that significantly improves the sustainability of the company's commercial vehicle fleet. *Carrier Transicold is a part of Carrier Global Corporation (NYSE: CARR), the leading global provider of healthy, safe, sustainable and intelligent building and cold chain solutions.*

The undermount mono-temperature ICELAND units are each mounted to 26-tonne Scania rigid trucks running on LNG. In the coming months, 15 additional trucks will be added, joining a commercial vehicle fleet of nearly 1,000 vehicles, of which 220 are temperature-controlled and 160 Carrier-cooled. The new assets will be used to deliver chilled or frozen food to customers across Germany.

"We have been specifying Carrier units for our fleet since 2015, and the ICELAND unit has rapidly become the system of choice for our rigid trucks," said Dieter Steinsdörfer, Master Refrigeration Engineer, Pflaum Logistik. "As they don't use a standalone engine, the units help us lower fuel consumption and reduce emissions,

while also being significantly quieter – which is very important for our urban deliveries, especially at night.”

The ICELAND units run on power derived directly from the truck’s LNG engine, thanks to Carrier Transicold’s ECO-DRIVE™ power module. This unit uses a hydraulic pump connected to the truck’s engine power take-off that drives a generator delivering electrical power capable of providing 100% refrigeration capacity, even at standard idle speed. The unit also boasts rapid temperature pull-down capability and operates at a PIEK-compliant level below 60 dB(A). The low noise level is an important factor for Pflaum as the LNG vehicles can be on the road around the clock.

"Of course, the environmental aspect also plays a major role in the overall package," adds Ruth Pflaum, Authorised Signatory, Pflaum Logistik. "Around 10% of our Scania trucks, which generally make up the lion's share of the fleet, are now equipped with LNG engines. At our own stations, we will also preferably refuel the gas vehicles with bio-LNG in the future." The corresponding LNG, supplied by an energy partner, is largely composed of methane produced in biogas plants from agricultural residues and waste.

“Pflaum was one of our first customers in Germany to take delivery of our engineless solutions and continues to do so. We are proud of this successful long-term collaboration and the benefits our solutions offer to the sustainable development of Pflaum,” said Bernd Adelsbach, Germany Director Sales, Carrier.

The Pflaum Group workshop – a Scania service partner – manages the installation and maintenance of the ICELAND units. The installation and fitting of the ECO-DRIVE modules and ICELAND underfloor units has long been routine for

Steinsdörfer's workshop team, even on the LNG vehicles. "On the long three-axle chassis, this is no problem in terms of installation space, even with two LNG tanks on the left and right." Although the LNG Scania is used as a single-chamber vehicle mainly in the fresh food sector, the superstructures and ICELAND units also allow deep-freeze transport.

Carrier Transicold's ICELAND units provide an energy-efficient, environmentally responsible solution supporting Carrier's goal of reducing its customers' carbon footprint by one gigaton as part of its [2030 Environmental, Social and Governance \(ESG\) goals](#).

Carrier Transicold's engineless temperature-controlled refrigeration solutions are part of Carrier's sustainable, healthy, safe and intelligent cold-chain programme set up to further preserve and protect the supply of food, medication and vaccines. Find out more by visiting corporate.carrier.com/healthycoldchain.

Founded in 1980, the Pflaum family business from Strullendorf near Bamberg operates nationwide, offering transport, warehouse logistics and truck maintenance.

For more information about Carrier Transicold and its products and services, visit www.carriertransicold.de. Follow Carrier Transicold on Twitter: [@SmartColdChain](#) and on LinkedIn: [Carrier Transicold Truck Trailer Refrigeration](#).

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About Carrier Transicold

Carrier Transicold helps improve transport and shipping of temperature-controlled cargoes with a complete line of equipment and services for refrigerated transport and cold chain visibility. For more than 50 years, Carrier Transicold has been an industry leader, providing customers around the world with advanced, energy-efficient and environmentally sustainable container refrigeration systems and generator sets, direct-drive and diesel truck units and trailer refrigeration systems. Carrier Transicold is a part of Carrier Global Corporation, a leading global provider of healthy, safe, sustainable and intelligent building and cold chain solutions. For more information, visit

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