



Online Press Presentation Transport Cooling Unit S.CU dc90 – 29 January, 2026

Ralph Kleideiter
Chief Sales Officer

Schmitz Cargobull at a glance

€2.161 m

Turnover
(FY 2024/25)



> 6.000

Employees



**Family-run
company**

in the 4th generation



150.000+

Active telematics units



**Globally acting in > 40
countries and 5 continents**

Trailer, TRUs, and telematics



~ 38.000

**Transport cooling units
produced**



42.300+

Units produced
(FY 2024/25)



25 %

**Market share in
Europe**
(FY 2024/25)



> 2 Mio.

Axles produced



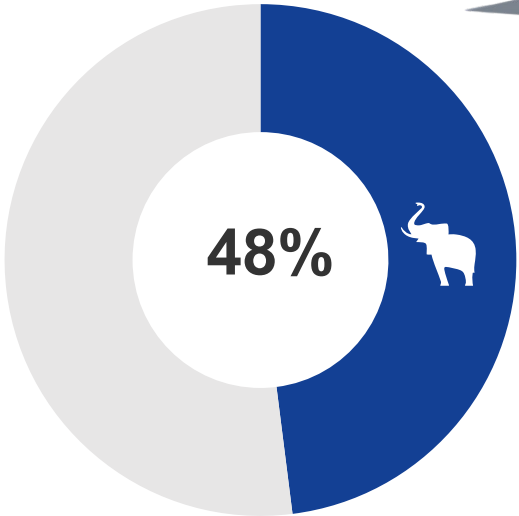
> 36.000

Trailers financed

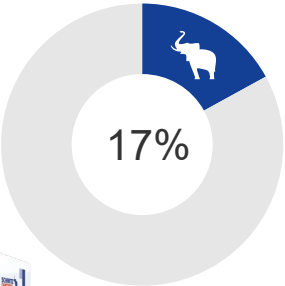


With an average market share of 25%, Schmitz Cargobull is the leading trailer manufacturer in Europe

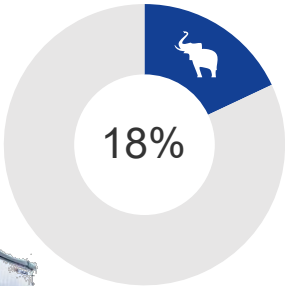
Refrigerated semi-trailer



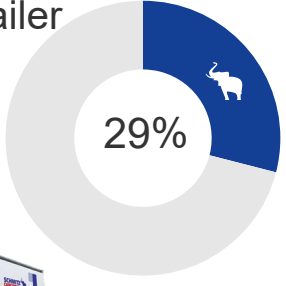
Dry freight semi-trailer



Tipper semi-trailer



Curtainsider semi-trailer

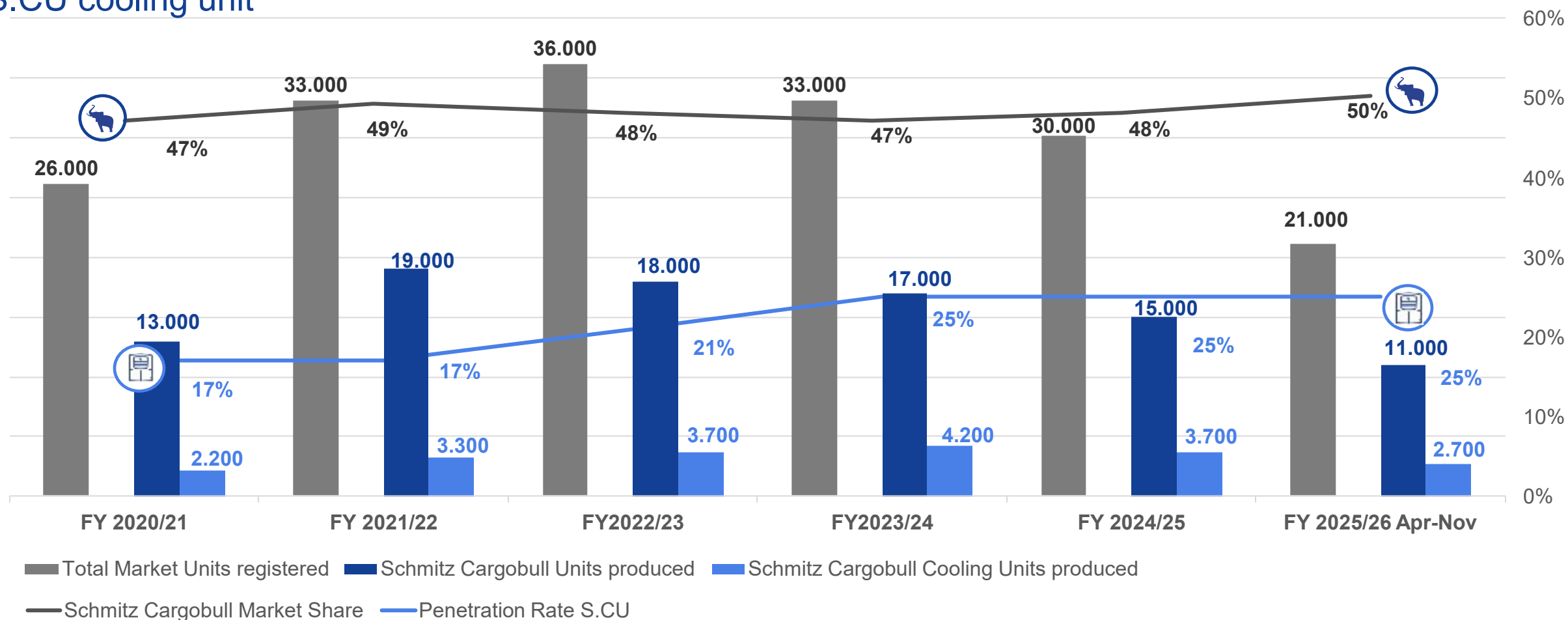


No. 1

Schmitz Cargobull is the market leader in the 4 main categories

With an average market share of ~50%, Schmitz Cargobull is the leading reefer semi-trailer manufacturer in Europe

Over 38,000 cooling units produced in total; every fourth S.KO COOL comes with an S.CU cooling unit



Complete cooling expertise as an integrated solution

Trailer with FERROPLAST® body, cooling unit S.CU, TrailerConnect® telematics and services perfectly matched to each other



Trailer S.KO COOL

- FERROPLAST® body: **Best insulation in series production** from a **k-value of 0.295 W/m²K**
- **Certificates:** DIN EN 12642 Code XL, HACCP, ATP, pharmaceutical transport, PIEK*, TAPA TSR1
- **Efficient air distribution system** for even **temperature control in the interior**
- **Mono- and Multitemp** transport
- Interior monitoring system for **maximum transparency**
- TL4 electronic door locking system for **securing high-value goods**

*PIEK-certified equipment



Cooling Unit S.CU

- **S.CU modular system** electrified from day one
- The right solution for every application (**diesel, electric, and hybrid-powered**)
- High operational **reliability and easy maintenance**
- High **cost-effectiveness**
- **Perfect integration** into the S.KO refrigerated box body
- Networking: **Remote start & cargo sets as an option**



TrailerConnect® telematics for temperature controlled transport

- TrailerConnect® **Telematics as standard ex works.**
- Seamless **real-time monitoring of the cold chain and safety functions**, including remote control if necessary
- **Digital temperature recorder** in accordance with DIN EN 12830
- **Real-time monitoring and receipt of deviation reports**
- Tracking of routes and updates as well as automated route reports with **TrailerConnect® TourTrack**



Services for temperature controlled transport

- **24-month service contract** incl. Proactive Monitoring for S.CU ex works
- **Europe-wide service network** with 1,400 service partners and 24/7/365 breakdown service
- **MyCargobull** platform
- **Mobile Service Van**
- **Maximised trailer uptime** through proactive monitoring planning with **TrailerConnect® FleetWatch and proactive monitoring for trailers and S.CU** transport cooling units
- **Fast and Europe-wide delivery of original spare parts** within 24 hours

Awarded cooling competence

S.CU



Schmitz Cargobull
Transport cooling unit
S.CU
Readers' choice

S.CU d80 ePTO ready

European
Transport Award
for Sustainability
2026



TTW-Award 2025
Readers' choice

All-electric S.KOe COOL

International Trailer
Award 2025



Cold Chain
Sustainability Award
2025

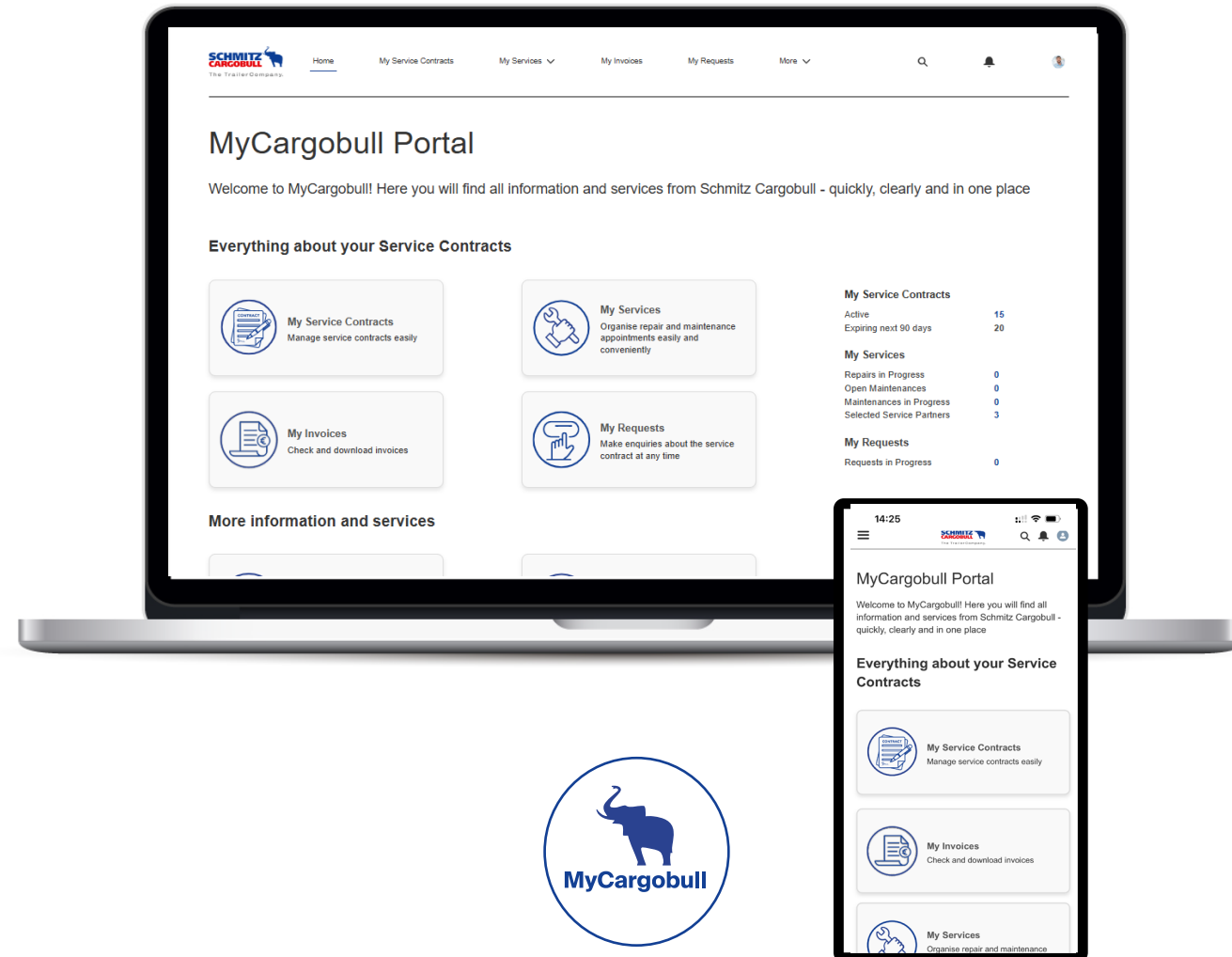
Proactive Monitoring for Transport Cooling Unit S.CU & Trailer



MyCargobull – all vehicle information at a glance

Central platform where all relevant information and services relating to the trailer can be accessed:

- ✓ **My Service Contracts**
Overview of all service contracts including terms and options
- ✓ **My Services**
Manage repairs and maintenance transparently
- ✓ **My Invoices**
View invoices, credit notes and cancellation receipts digitally
- ✓ **My Requests**
Create service requests and track their status
- ✓ **My Service Partners**
Save favourite workshops for easy appointment coordination
- ✓ **More area**
Direct access to trailer documents, spare parts orders and technical equipment



Transport refrigeration units S.CU

The right model for every application







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Dr. Norbert Flacke
Managing Director Cargobull Cool

Schmitz Cargobull concentrates on practical solutions that pay off for our customers


Transformation from classical trailer producer to solution provider for digital connected refrigerated semi-trailer





 **Schmitz Cargobull axle**

FERROPLAST®
Insulation 



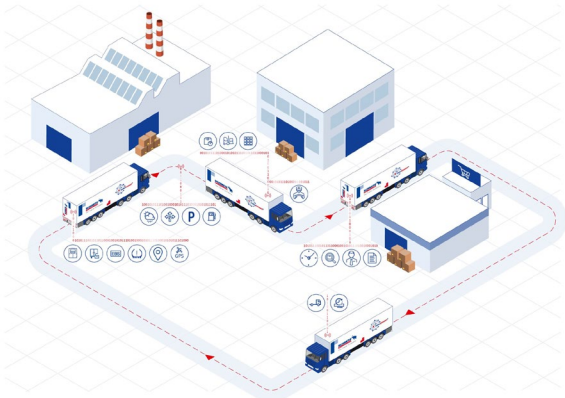
 **Transport cooling units**

TrailerConnect® 

 **Air distribution system**



Software-defined semi-trailer
with real-time data, smart maintenance,
and secure data control via
TrailerConnect®



Cargobull Cool at a glance

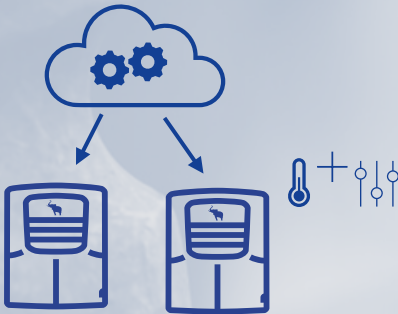
More than
38.000
produced units in total



Founded in
2012

>100
FTE at Cargobull Cool

Modular system



Two-way communication
for remote control,
CargoSets and FOTA



Modern common rail
engine, fulfill EU Stage
V and CARB ULETRU
emission standard or
100% electric drive



24/7 Europe-wide
breakdown support



24/7 spare parts
availability

Flexible full-service
contract terms

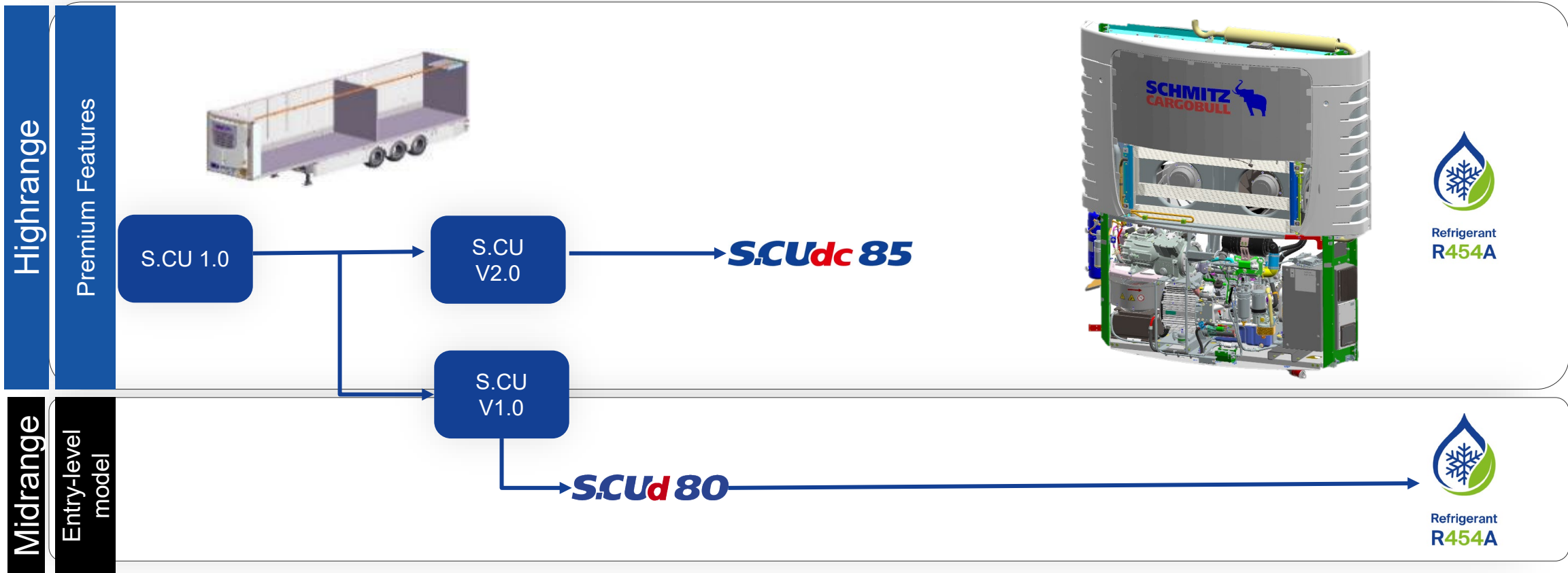


over **24 months**
up to **96 months**

S.CU modular strategy in Europe

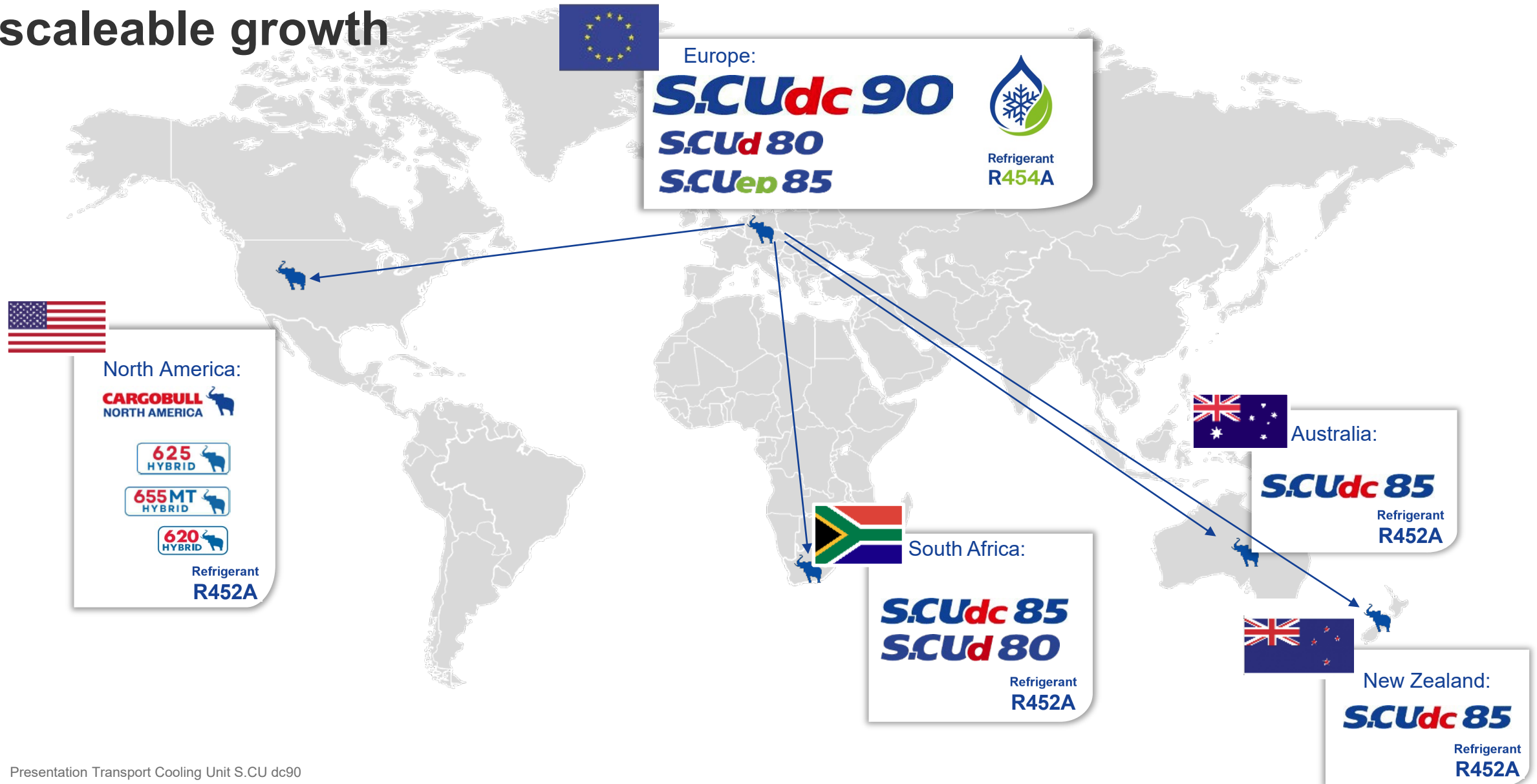
IAA 2012 IAA 2016 IAA 2018 IAA 2022 IAA 2024

S.CUdc90



Consistent further development of the modular system in terms of quality, reliability and segment-specific customer functions

Modular design for customer-focused innovations & scalable growth



Today, our transport cooling units are operating worldwide

Temperature-controlled transport with S.CUs: Total of all active telematics data

North America



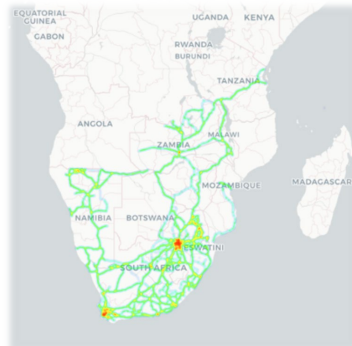
Europe



Australia & New Zealand



South Africa



181+ Mio.

total S.CU hours

7.035+ Mio. KM

across Europe

Zero emission transportation: ecological solutions must make economic sense to be sustainable

Market



Transport volume
& weight



Investment costs



Consumption &
Emissions



(Electric)
charging
infrastructure

Legislation



F-Gas Regulation



CO₂ reduction



Diesel engine
emissions

Electrified from day one – since 2012



**Zero-emission solution aligned with the transformation strategie
from diesel to electric for transport companies**






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Jonathan Steckel
Product Manager Cargobull Cool



S.CU – Full Power for your Business

1 Simple maintenance and repair



-  Good accessibility due to wide door opening
-  Less maintenance components due to the electrified refrigeration circuit
-  Best placement of the diesel and oil filter

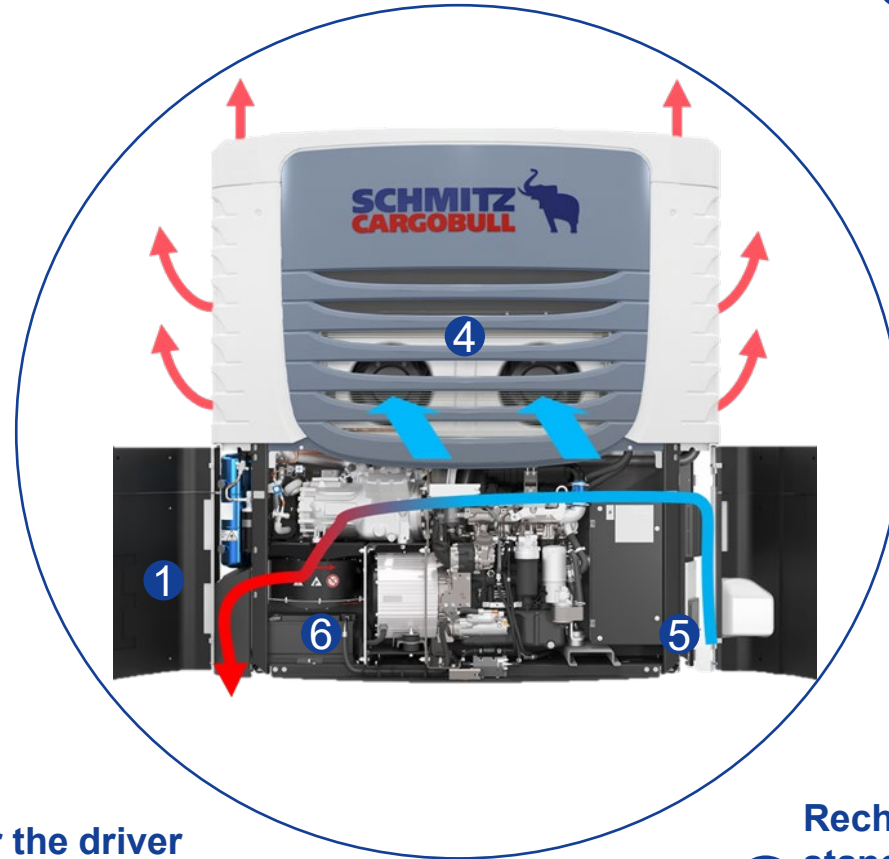
2 Efficient defrost management



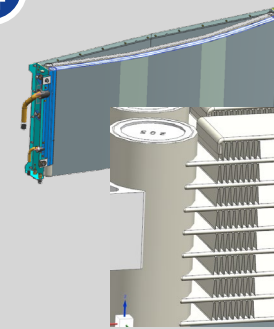
-  30 % less defrost cycles due to double fin spacing in the first row
-  Fast defrosting through integrated electric heating rods




3 Comfort for the driver

-  **Silence Kit as standard** without cooling capacity losses
-  **Electric evacuation pump** This means no emergency service operation when the tank is empty

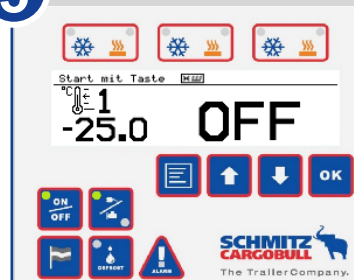




4 High operational reliability at high outside temperatures



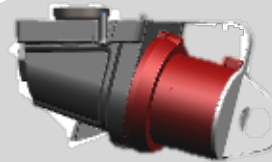
-  Microchannel condenser
-  Laterally upward-discharged condenser airflow
-  The engine compartment fan leads to a defined airflow through the engine compartment


5 Simple and intuitive operation



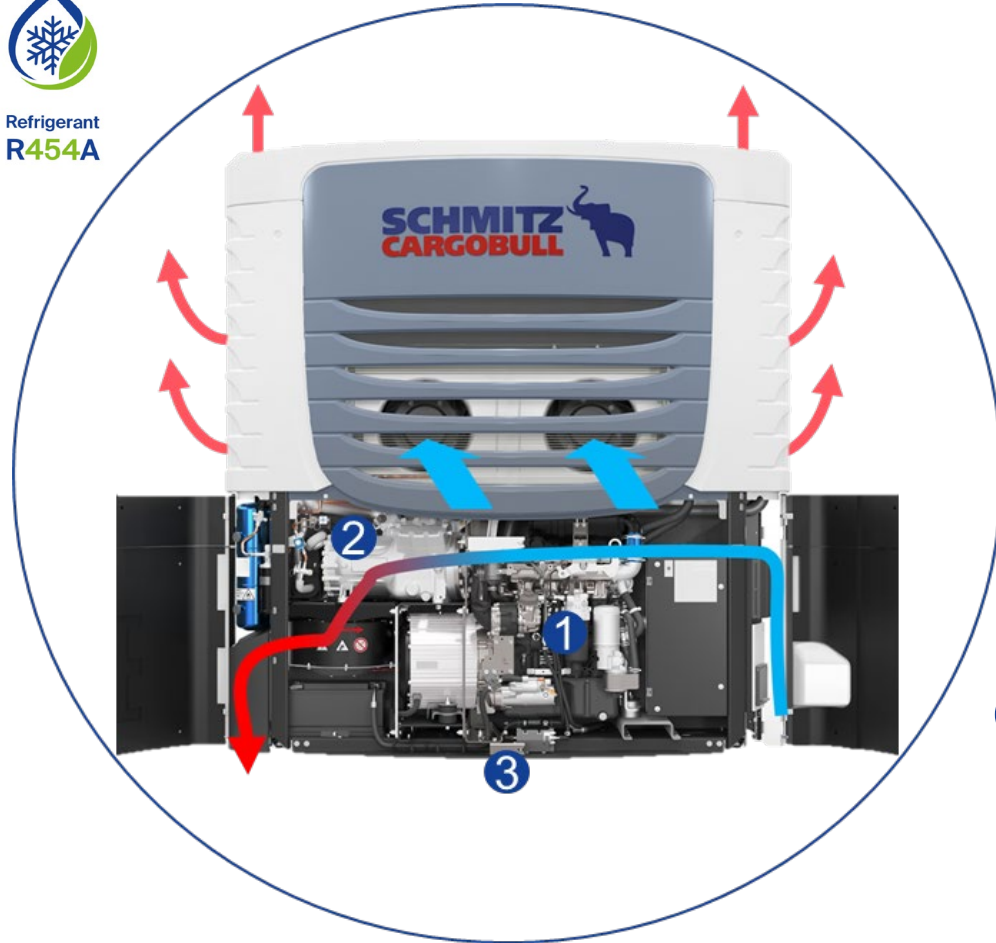
-  Self-explanatory icons
-  Identical control unit on all S.CU's

6 Recharging the 12V battery in stand-by mode

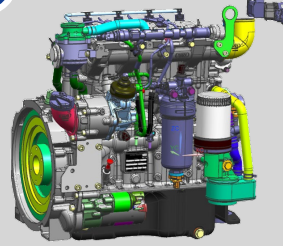


-  Risk minimisation of deep discharge of the battery

The S.CU dc90 - as a pioneer for sustainable solutions with maximum customer benefit

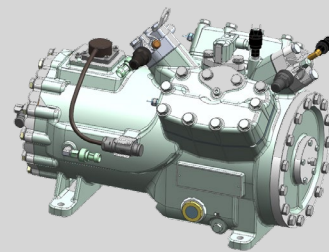







1 Efficient Hatz common-rail diesel engine



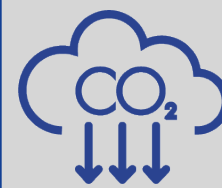
-  Thermodynamically optimised with extended speed range
-  **New exhaust gas regulation**
ready for further tightening of the limit value (E.G: TRU CARB 2023)




2 Efficient 2-stage piston compressor



-  Up to 6% more cooling capacity*
-  Up to 10% less fuel consumption*
-  **Ready for the future**
Suitable for flammable refrigerants & new regulations
-  **Easier maintenance and repair**
thanks to the semi-hermetized compressor
-  **Noise reduction**
especially in partial load operation

3 Sustainable for the future



-  **Reduction of CO₂ emissions**
suitable for alternative Diesel HVO100 EN 15940
-  **89% less CO₂ equivalence****
thanks to lower GWP value of the refrigerant
-  **ePTO ready**
driving locally without exception emission-free

* compared to the previous model S.CU dc85

The S.CU dc90 mt in the overall S.KO COOL system - perfect integration, best k-value and optimum cooperation of all components



1 Maximum interior height with maximum efficiency

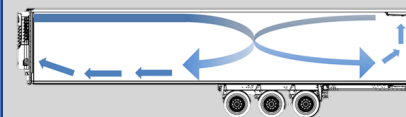


Due to partially recessed additional ceiling evaporator with integrated protective frame



Best k-value due to foamed-in pipes and cables leading to the additional ceiling evaporator

2 Recirculation mode for maximum air circulation

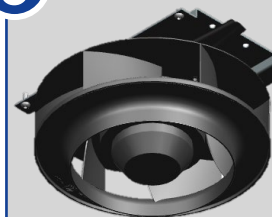


The fans of the second evaporator can also be activated in monotemp mode



Less and faster defrost cycles thanks to special evaporator design

3 Highest air volume flow on the market



Two powerful 400V radial fans in the second evaporator ensure good air circulation.



Market benchmark

Use of the additional second chamber up to 7.85 m long

The S.CU ePTO-ready offers our customers an economical transformation solution from diesel truck to e-truck

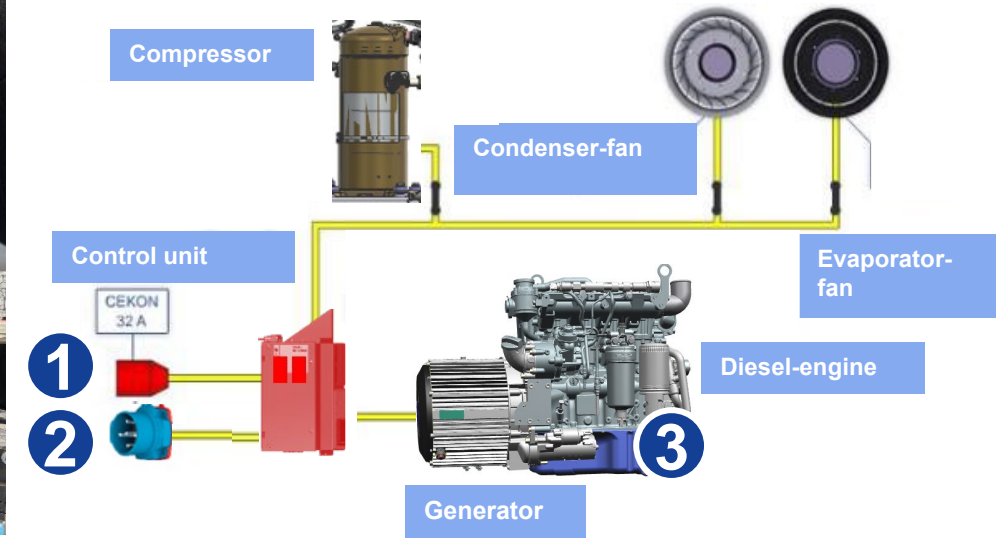
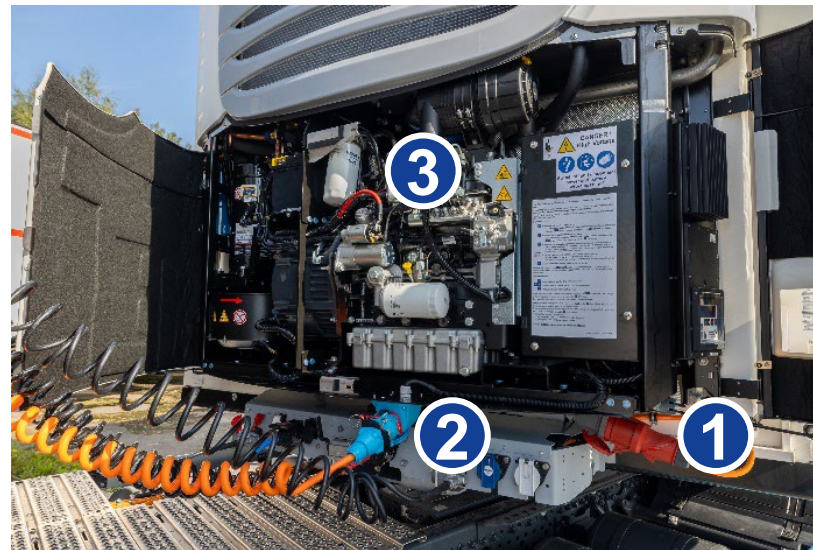
ePTOready

The **S.CU ePTO-ready** consists of a **Schmitz Cargobull diesel-driven-TRU** with an interface for **power supply from the e-truck**

€
↓
Cost-efficient and reliable

↔
Flexibility for mixed fleets

⌚
Goods protection



What are the key factors in electrifying temperature-controlled transport?



The electrification of temperature-controlled transport is affordable

ROI S.KOe: < 8 years for distribution
ROI ePTO: already < 3 months



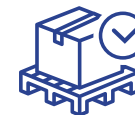
Comparatively low increase in the trailer's CO₂ footprint

Due to an additional small battery



Lower energy consumption & emissions

Compared to conventional trailers



No loss of payload, no additional vehicles and no increased traffic volume

Real CO₂ savings potential at vehicle and fleet level



Charging infrastructure already in place

As with conventional cooling units



Zero-emission solution aligned with the transformation strategies of transport companies

S.CU d80 ePTO ready

A cost-effective solution in combination with an electric truck (with ePTO) for the zero-emission operation of the S.CU



S.KOe

Fully electric, zero-emission solution by Schmitz Cargobull

