

# SMARTRAILER

NEW RANGE

## SMART

WITH THE ENVIRONMENT

WITH YOUR EMPLOYEES

WITH YOUR CUSTOMERS



### 3 KEY PILLARS FOR TRANSPORT OPERATORS



Decarbonisation



Employer appeal



Connected logistics

A brand new range, replacing the existing ranges, SmartTrailer brings together CHEREAU's patented innovations and sets a new standard for refrigerated semi-trailers.



INNOVATION DRIVES YOU FORWARD

# SMART

## WITH THE ENVIRONMENT



LET'S BE AMBASSADORS OF DECARBONIZATION

Providing you with all the keys you need to decarbonise your business using semi-trailers, this is the primary ambition of the new CHEREAU SmarTrailer

### NEW STANDARD FEATURES

- **HFO insulation**  
in the side panels



Up to 8% energy savings <sup>(1)</sup>

- **Telematics**



Optimised use of the vehicle fleet

- **TPMS**

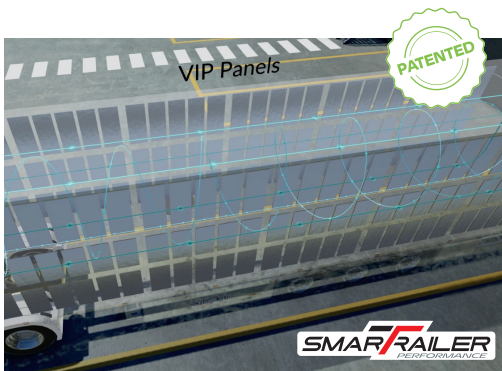
Tyre Pressure Monitoring System <sup>(2)</sup>



Possible reduction in over-consumption due to under-inflation

### NEW OPTIONS

- **HFO insulation + VIP**



Up to 21 % energy savings <sup>(1)</sup>

- **Aero-C**



#### AeroTop

Saves 0.3L / 100km for the tractor unit in fuel consumption <sup>(3)</sup>

#### AeroFlap

Saves 0.7L / 100km in fuel consumption for the tractor unit <sup>(3)</sup>

#### AeroTop + AeroFlap

= -1,1 L / 100 km <sup>(4)</sup>

= -3,48kg EqCo2 / 100 km

- **Tailor-made cooling unit energy**



Diesel / biodiesel



Plug-in electric



Plug-In battery



E-Axle



Solar panels  
(undergoing tests)



Hydrogen  
(as demonstrator)

- **Huckepack**



Combined road-rail transport: system for loading a complete semi-trailer on a pocket wagon

# SMART



## WITH YOUR EMPLOYEES

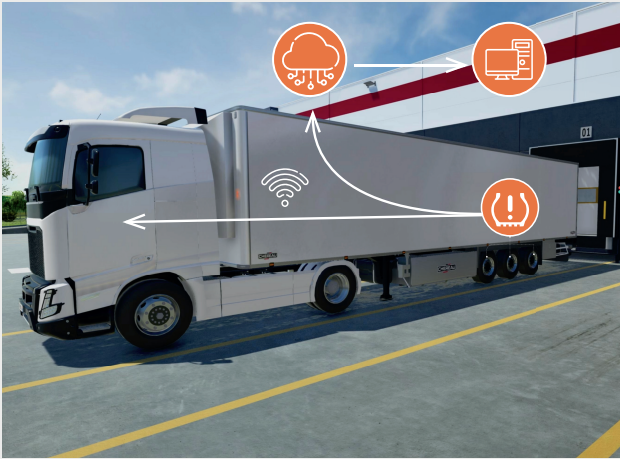
LET'S BE LEADERS IN EMPLOYER APPEAL

Enabling you to be an even more attractive employer thanks to the semi-trailer, that's the second ambition of the new CHEREAU SmarTrailer.

### NEW STANDARD FEATURES

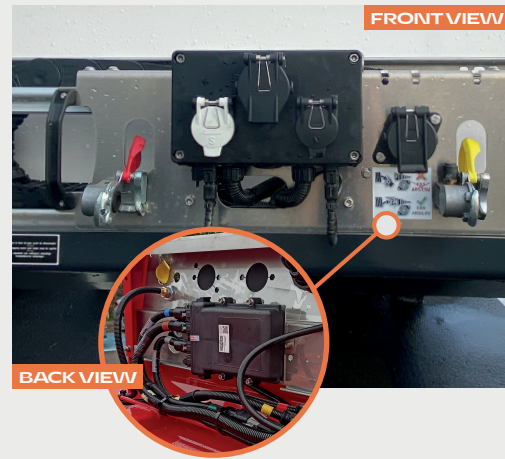
#### TPMS

Tyre Pressure Monitoring System <sup>(2)</sup>



Ensures driver safety and reduces the risk of accidents

#### Connect Box



New electrical architecture for greater ergonomics and safety features

### NEW OPTIONS

#### KKS automatic coupling



Comfort and safety for the driver

#### Anti-unplanned departure Safeloading-C <sup>(5)</sup>



Safety for dock operators

#### Bulkhead EasyFlex <sup>(4)</sup>



Lightweight and easy to use

(1) Depending on vehicle configuration and operating conditions

(2) Tyre Pressure Monitoring System

(3) From 80km/h (CHEREAU test data, depending on weather conditions)

(4) 0.1L bonus thanks to the combination of AeroTop and AeroFlap

(5) In the qualification phase



# SMART

## WITH YOUR CUSTOMERS



LET'S BE CONNECTED PARTNERS



Simplifying connectivity to your customers and logistics 4.0 thanks to the semi-trailer, that's the third ambition of the new CHEREAU SmarTrailer.

### NEW STANDARD FEATURES



- Communicating unit



- 2 years free connection to our partner's telematics <sup>(1)</sup>



### NEW OPTIONS



- Send data to the telematician of your choice <sup>(2)</sup>  
(via our partner's API)



- Sending data to the visibility platform of your choice  
(via our partner's API)



- Driver application from our partner  
(coming in 2024)

(1) For all new customers of our partner solution and excluding partner's existing customers.

(2) Geolocation, EBS data, TPMS data, temperature(s), rear door status (depending on options selected and agreements with refrigeration unit manufacturers).

