



**CARGOBULL**  
PARTS & SERVICES

## Training program





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## General

### Dates and registration

Dates and a registration form are provided on the supplementary sheet.

Service partners can also register online at:

[www.cargobull-serviceportal.de](http://www.cargobull-serviceportal.de).

### Fees

The fees are listed on the supplementary sheet. The fees also include participant documentation, materials for practical exercises, as well as refreshments during the training course (beverages, lunchtime snacks).

Service partners receive discounts off the training courses.

The participant pay all costs incurred for travel, accommodation and meals (breakfast, evening dinner).

### Your contacts

Mr Arne Heimann, telephone +49 (0) 2558/81-4589

Mr Lutz Wanig (technical questions), telephone +49 (0) 2558/81-2671

Ms Verena Krauss (organisational questions) telephone +49 (0) 2558/81-2818

[servicepartnerinfo@cargobull.com](mailto:servicepartnerinfo@cargobull.com)



## 1. Basic training

### Target group

Workshop managers, certified masters, staff handling spare parts procurement, staff handling warranty processing.

Participation requires a valid Service Partner contract.

**Mandatory training for Schmitz Cargobull service partners.**



### Duration

1 day



### Number of participants

Minimum of 12 up to a maximum of 20 (as long as there is sufficient space).



### Work clothes

Not required.



### Contents

- General product information / Overview of vehicle identification numbers (VIN)
- Location information: Works after-sales service / service centres
- Handling warranty claims
- Service and maintenance booklet
- Spare parts handling
- Full Service
- Services offered by Schmitz Cargobull AG
- Workshop equipment and special tools/diagnostics
- CI package for Service Partners
- Handling systems for repairs and maintenance





## 2. Basic trailer technology

### Target group

Certified masters, mechanics and vehicle electricians



### Duration

4 days



### Number of participants

Minimum of 8 up to a maximum of 12 (as long as there is sufficient space).



### Work clothes

This training course also includes some practical work.  
Participants should bring safety shoes and work clothes.



### Contents

- Schmitz Cargobull AG corporate presentation
- Plant tour in Altenberge
- Product information
- Refrigerated vehicle design
- Ferroplast basics
- Platform bodies
- On-board electrics
- Service & Maintenance
- Service portal
- Pneumatic suspension systems
- Axles (SCB/SAF)
- Brake calliper Knorr SK7 /Wabco PAN
- Brake systems
  - ABS
  - EBS
  - TEBS4





### 3. Basic training - Telematics

#### Target group

Vehicle electricians, mechatronic technicians and refrigeration technicians.  
Participation requires a valid Service Partner contract.



#### Duration

1 day



#### Number of participants

Minimum of 8 up to a maximum of 12 (as long as there is sufficient space).



#### Work clothes

This training course also includes some practical work.  
Participants should bring safety shoes and work clothes.

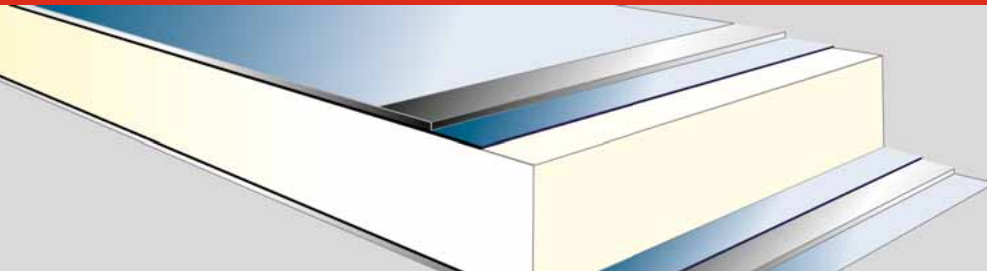


#### Contents

- Cargobull Telematics GmbH presentation
- Telematics equipment variants
- Processes, spare parts, repair protocol, guarantee
- Diagnostics/commissioning/software updates



**Completion of this training will qualify the participants to service telematics systems but not to install them.**



## 4. FERROPLAST I - Basic training

### Target group

Employees of workshops which perform repair work on all types of Schmitz Cargobull box bodies or employees wishing to qualify for such work.



### Duration

3 days



### Number of participants

Minimum of 8 up to a maximum of 12 (as long as there is sufficient space).



### Work clothes

This training course also includes some practical work. Participants should bring safety shoes and work clothes.



### Contents

- Schmitz Cargobull AG corporate presentation
- Visit to the semitrailer container production at the Vreden plant
- Structure and advantages of Ferroplast panels
- Material design of floor, side wall and roof panels
- Joining techniques during production and joint locations
- Introduction to bonding and assembly techniques during repairs
- Carrying out of practical repair work on a damaged Ferroplast panel
- Integrating repair pieces into Vreden and Berlin panels
- Renewing the side wall/floor joining profile





## 5. FERROPLAST II - Advanced training

### Target group

Employees from companies who perform service work on all types of Schmitz Cargobull box bodies.

Conditions of participation: A concluded Service Partner contract and successful participation in the Ferroplast I - Basis training course or equivalent knowledge.



### Duration

3 days



### Number of participants

Minimum of 8 up to a maximum of 12 (as long as there is sufficient space).



### Work clothes

This training course also includes some practical work. Participants should bring safety shoes and work clothes.



### Contents

- Brief review of the contents of Ferroplast I:
  - Structure and advantages of Ferroplast panels
  - Material design of floor, side wall and roof panels
  - Joining techniques during production and joint locations
  - Bonding and assembly techniques during repairs
- Identifying the types of damage to the body, selecting the appropriate repair method and issuing the corresponding material requisition
- Carrying out practical repair work on a Ferroplast box body:
  - Renewing a panel
  - Renewing a joining profiles on the bulkhead/ side wall and sidewall/rear door
  - Renewing the rear door pillar
  - Renewing the interior sidewall/rear wall door joining profile
  - Repairing rear door





## 6. Sliding Bogie Chassis training

### Target group

Employees of workshops which perform repair work on all types of Schmitz Cargobull container chassis or employees wishing to qualify for such work.



### Duration

1 day



### Number of participants

Minimum of 8 up to a maximum of 12 (as long as there is sufficient space).



### Work clothes

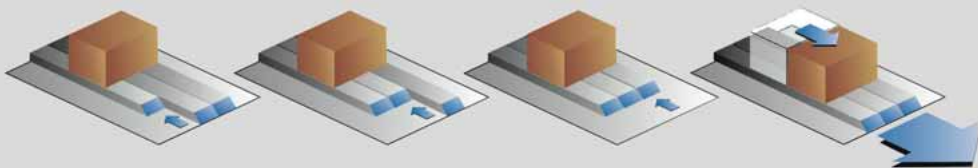
This training course also includes some practical work. Participants should bring safety shoes and work clothes.



### Contents

- Sliding Bogie chassis equipment
- Design and construction
- Method of operation
- Component designations
- Service and maintenance
- Diagnostics/repairs





## 7. Sliding Floor Vehicles training

### Target group

Employees of workshops which perform repair work on all types of Schmitz Cargobull sliding floor vehicles or employees wishing to qualify for such work.



### Duration

1 day



### Number of participants

Minimum of 8 up to a maximum of 12 (as long as there is sufficient space).



### Work clothes

This training course also includes some practical work. Participants should bring safety shoes and work clothes.



### Contents

- Design and construction of sliding floor vehicles
- Variants
- Method of operation
- Component designations
- Service and maintenance
- Diagnostics/repairs/service





## 8. Axle Unit training

### Target group

Certified masters, mechanics and vehicle electricians.  
Participation requires a valid Service Partner contract.

**Mandatory training for Schmitz Cargobull service partners.**



### Duration

2 days



### Number of participants

Minimum of 8 up to a maximum of 12 (as long as there is sufficient space).



### Work clothes

This training course also includes some practical work.  
Participants should bring safety shoes and work clothes.



### Contents

- Product information
- Pneumatic suspension systems
- Axles (SCB/SAF)
- Brake calliper Knorr SK7/Wabco PAN
- SCB self-steering tag axle (services, maintenance and care)





## General Conditions of Participation in Cargobull Parts & Services GmbH Training Courses

### General

Please note that a place on the training course desired is only reserved when written confirmation has been received. You will receive course confirmation and travel information, together with hotel recommendations three weeks before the course begins at the latest. Please make any hotel reservations you may require yourself. Travel and any hotel costs are to be borne by the participants themselves.

Your registration data are stored in a database which is solely used for internal purposes.

Training course fees include participant documentation, as well as refreshments during the training course (beverages, lunchtime snack).

### Terms of Payment

You will receive an invoice for the course after the end of the course. Please ensure that payment is made to the account indicated in the invoice and without any deductions. The organiser reserves the right to request the payment of the training fees before the beginning of the course.

### Withdrawal of a participant

If you are unable to attend the course and are also unable to nominate a substitute participant, we request written cancellation latest 8 working days before the course begins.

Fax-No.: +49(0)2558/81-2898

E-mail: [servicepartnerinfo@cargobull.com](mailto:servicepartnerinfo@cargobull.com)

If cancellation is not made or is not made in time, we are obliged to charge a processing fee of 50% of the course fee.

### Cancellation of a complete training course (Schmitz subsidiaries, associations, etc.)

If we have reserved a full training course for you, you can cancel this up to 4 weeks before the training starts at no charge. If the cancellation is made up to 8 working days before the start of training, a processing fee of € 600.00 per training day is liable, for cancellations less than 8 working days before commencement € 1,200.

### Other

For all claims present and future arising out of the business relationship with sales persons, juristic persons under public law or special funds under public law, including exchange and check demand, the sole competent court of jurisdiction shall be the Amtsgericht Steinfurt District Court or the Landgericht Münster County Court.

The same jurisdiction applies if the Company does not have a general court of jurisdiction in the country or changed its residence or usual domicile to out of the country after concluded the contract. In the event of any seller's claims made to the buyer, the

court of jurisdiction is the buyer's legal residence.

For all legal relations between the buyer and the seller, the laws of the Federal Republic of Germany shall apply to the exclusion of all others. The UN Convention on Contracts for the International Sale of Goods from 11.04.1980 (CSIG, Federal Law Gazette. 1989 II. P. 588 f) and the Uncitral convention on international drafts and international promissory notes from 09.12.1988 are excluded.

Should any provisions pertaining to these General Terms & Conditions or provisions in any other agreement be or become ineffective, the legal effectiveness of the remaining provisions or agreements remain unaffected.



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