



Downloading of 3D CAD Data

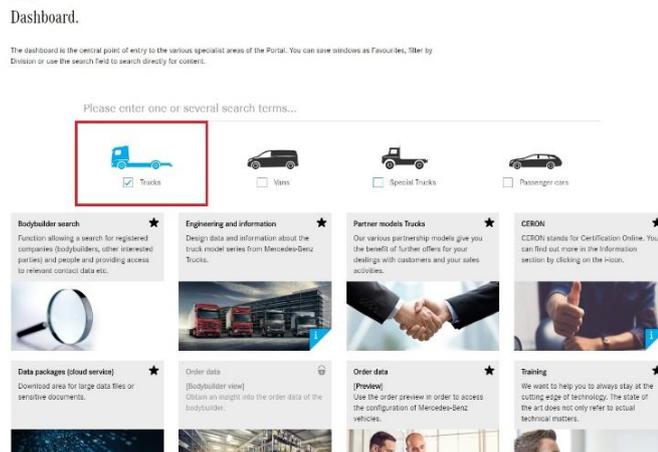
Mercedes Benz Trucks | 18/08/2020

Mercedes-Benz
Trucks you can trust

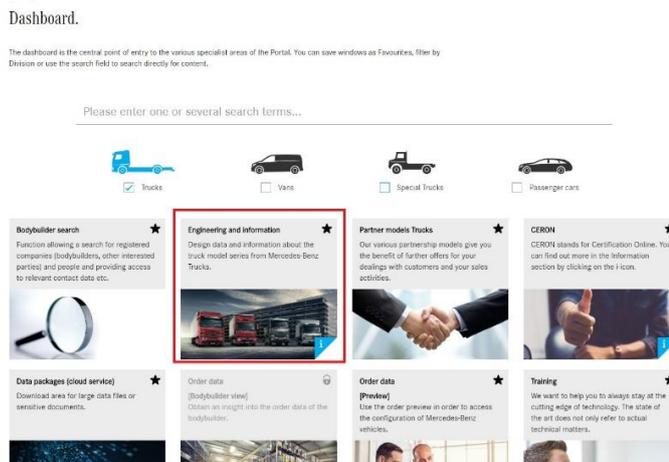


Actros/Arocs/Atego (See below for Econic/Unimog/Zetros)

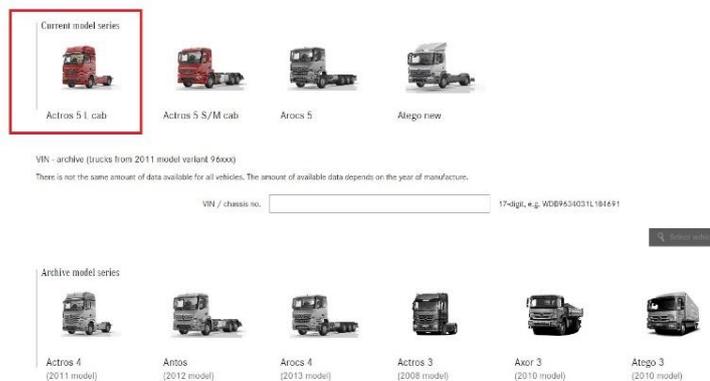
1. Login to the Bodybuilder Portal.
2. Make sure the **Trucks** category is checked.



3. Click on the **Engineering and Information** category.



4. Click on the appropriate vehicle model/cab type. This example will use the Actros L Cab.



5. Input the model and necessary specs. This example uses a 2646 LS model.

Type selection.

Model variant code (Var. code) ▼ 96342412 ✕	Model class ▼ 2646 ✕	Engine code (Engine) ▼ M2S: Eng. OM470,inline 6, 10.7 l, 335kW (455hp),2200 Nm	Drive (Drv.) ▼ 6x4
Version (Vers.) ▼ LS: Air-sprung semitrailer tractor	Emission standard (Euro) ▼ M5C: Engine version Euro VI, D	Product group (PCG) ▼ V1W: Standard	

6. Once step 5 is completed the **3D Design Data** category will unlock, click on this link.

Type selection.

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Technical data.

Technical data sheet Technical data sheets for the selected model series are available here, in line with the specific variant selected. It is also possible to select special equipment items and make weight calculations.	2D chassis drawings This is where we provide 2D drawings of the selected model series, in line with the specific variant selected, in various views and formats.	3D design data 3D design data for the selected model series are available here, in line with the specific variant selected. Approval is given on a project basis.	3D visualisation data 3D visualisation data for the selected model series are available here, in line with the specific variant selected. Approval is given on a project basis.
Body/equipment mounting directives (5) You will find here the key technical information about Mercedes-Benz basic vehicles for your bodybuilding solutions	Body/equipment mounting directives archive (7) You will find here the key technical information about Mercedes-Benz basic vehicles of older model series, required for	Equipment lists - Germany (7) Equipment Lists offers you information about standard and optional equipment for Mercedes-Benz vehicles.	Equipment lists - export (7) Equipment Lists offers you information about standard and optional equipment for Mercedes-Benz vehicles.

7. You will now need to spec the vehicle to match the VIN. Make sure all categories are filled with the correct codes. Where an option is not applicable to the vehicle, leave blank. *See below for an example.*

3D design data

Powertrain, air intake & exhaust system (M5A, G2E, M8A, K7D, U2G)	▼
Axles & brake system (Q1Q, A1Z, A1C, B4M, A2E, A5D, B2A)	▼
Wheelbase & frame overhang (C1J, COA, Q8JS)	▼
Frame add-ons (C7J, C8F)	▼
Cab, cab attachments & wind deflectors (F1T, F2M, F7X, F6T)	▼
Fuel tank, Adblue tank & hydraulic oil tank (K1I, K3V)	▼
Clearances & pre-installations	▼
Tyres and wheels (R1Q, F38, R1Q, F38, R1Q, F38)	▼

Powertrain, air intake & exhaust system (M5A, G2E, M8A, K7D, U2G)

Engine, generations (S) M5A: 2. Engine generation OM470	Transmission versions (S) G2E: Transmission G 281-12/14.93-1.0	Exhaust system relocated, for large tyres Please choose ...
Air intake, filter (S) M8A: Air intake from front	Cyclone prefilter, for coarse dust Please choose ...	Exhaust variants (S) K7D: Exhaust system, tailpipe to right and outwa...
Exhaust system lowered by 80 mm Please choose ...	Exhaust pipe layout, over 2nd axle Please choose ...	Single and twin power take-offs Please choose ...
Engine-drive PTO, partially clutch-dependent, clutch-dependent Please choose ...	Engine PTO at rear Please choose ...	GATS 2.0 box (S) U2G: Exhaust box

Axles & brake system (Q1S, A1Z, A1C, B4M, A2E, A5D, B2A)

Front springs Q1S: Front spring, 7.5 t, 2-leaf	Front axle version (form) (S) A1Z: Front axle, offset version	Front axle version (max. axle load) (S) A1C: Front axle 7.5 t
Hydraulic Auxiliary Drive (HAD) Please choose ...	Compressed air reservoir (S) B4M: Air reservoir, steel	Additional compressed air reservoir Please choose ...
Rear axles (S) A2E: Rear axle, crown wheel 440, hypoid, 13.0 t	Trailing axle version Please choose ...	Additional stabiliser, rear axle/trailing axle Please choose ...
Stabiliser RA variants Please choose ...	Stabiliser, 1st rear axle Please choose ...	Final drive ratio (S) A5D: Axle ratio i = 2.846
Disk/drum brake, brake variants (S) B2A: Disc brakes on front and rear axle	Achs-/Fahrgestellteile schmales Fahrzeug Please choose ...	Hinterachse schmale Ausführung Please choose ...

Wheelbase & frame overhang (C1J, C0A, Q8JS)

Wheelbase (S) C1J: Wheelbase 3250 mm	Frame overhang (S) C0A: Frame overhang 750 mm	End cross-member, moved in (S) Q8JS: End cross member, neutral position
End cross-member Please choose ...	Frame height lowered, for coupling point height 1100 mm Please choose ...	Driving level, lowered Please choose ...
Frame height, low, for all-wheel-drive vehicles Please choose ...		

Frame add-ons (C7J, C8F)

Attachment fixtures, for loading crane, front Please choose ...	Battery carrier (S) C7J: Battery carrier, batteries side by side	Battery carrier assembly, lowered Please choose ...
Rear axle mudguard versions (S) C8F: Wing, for chassis transit	Rear mudguard/vehicle width Please choose ...	Wing centre piece, raised/low Please choose ...
Spare wheel holder Please choose ...	Trailer coupling Please choose ...	Tipper variants Please choose ...
Swap body frame Please choose ...	Rear underride guard Please choose ...	Fifth-wheel lead Please choose ...
Fifth wheels Please choose ...	Fifth-wheel height Please choose ...	Fifth-wheel hydraulics, supplied ex-works Please choose ...
Attachment fixtures Please choose ...	Montageplatte Please choose ...	

Cab, cab attachments & wind deflectors (F1T, F2M, F7X, F6T)

Cab (S) F1T: L-cab ClassicSpace, 2.30 m, tunnel 320 mm	Cab, attachment height (S) F2M: Cab, 420 mm attachment height	Step, with grab rail on roof Please choose ...
Wind deflector Please choose ...	Rotating beacons Please choose ...	Cab steps, movable (S) F7X: Cab entrance, left/right, rigid
Aerodynamic side panelling Please choose ...	Mirror cam (S) F6T: MirrorCam	

Fuel tank, AdBlue tank & hydraulic oil tank (K1J, K3V)

Main fuel tank (S) K1J: Tank, 290 l, left, 650 x 700 x 750 mm, alum...	Second tank Please choose ...	Protective plate, for tank Please choose ...
AdBlue tank (S) K3V: AdBlue tank, 60 l, left	Hydraulic reservoir, left Please choose ...	Hydraulic reservoir, right Please choose ...
Kraftstoffvorfilter Please choose ...		

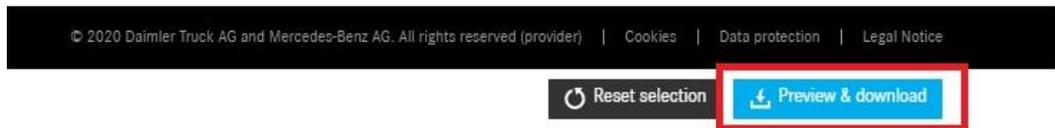
Clearances & pre-installations

Preinstallation, for special front-mounted equipment Please choose ...	Free space on frame, left Please choose ...	Free space on frame, right Please choose ...
Free space for crane outrigger feet Please choose ...	Free space for swap bodies Please choose ...	Road dumper preinstallation Please choose ...
Road-oriented dump semitrailer Please choose ...	Sideguard Assist Please choose ...	Vorrüstung Hinterkipper Korea Please choose ...

Tyres and wheels (R2C, V18, R2C, V18, R2C, V18)

1. 	Wheels R2C: Alum. wheels 8.25 x 22.5, Dura-Bright, Alcoa	Tyres V18: 295/80 R 22,5
2. 	Wheels R2C: Alum. wheels 8.25 x 22.5, Dura-Bright, Alcoa	Tyres V18: 295/80 R 22,5
3. 	Wheels R2C: Alum. wheels 8.25 x 22.5, Dura-Bright, Alcoa	Tyres V18: 295/80 R 22,5

8. Once all the information is entered click on **Preview and Download**.



9. Click on which 3D data you require from the available categories and click **Download**.



10. This message will appear, check your email inbox linked with the Bodybuilder Portal account.



Download.

3D Konstruktionsdaten werden erstellt. Die Generierung wird ca. 15 Minuten in Anspruch nehmen. Sie werden per Mail verständigt, sobald die Erstellung abgeschlossen ist.

3D engineering data are being generated. This will take approx. 15 minutes. We will inform you by email as soon as the generation of the data has been finished.



11. Upon receiving the email return to the Bodybuilder Portal Dashboard and click on the **Data Packages** link.

The dashboard features a navigation bar with icons and checkboxes for Trucks (checked), Vans, Special Trucks, and Passenger cars. Below are several service tiles:

- Bodybuilder search**: Function allowing a search for registered companies (bodybuilders, other interested parties) and people and providing access to relevant contact data etc.
- Engineering and information**: Design data and information about the truck model series from Mercedes-Benz Trucks.
- Partner models Trucks**: Our various partnership models give you the benefit of further offers for your dealings with customers and your sales activities.
- CERON**: CERON stands for Certification Online. You can find out more in the information section by clicking on the i-con.
- Data packages (cloud service)**: Download area for large data files or sensitive documents. (Highlighted with a red border)
- Order data**: Obtain an insight into the order data of the bodybuilder.
- Order data [Preview]**: Use the order preview in order to access the configuration of Mercedes-Benz vehicles.
- Training**: We want to help you to always stay at the cutting edge of technology. The state of the art does not only refer to actual technical matters.

12. Read and confirm the terms and conditions.

Data packages (Cloud service).
Our service to you

Large volumes of data are made available to you for downloading via this page. In the case of design data, the necessary activation takes place in consultation with the relevant colleagues in Mercedes-Benz Sales or Development in connection with projects or coordination measures.

The information is state-of-the-art at the time of its creation and is not subject to updates. We recommend consulting us before taking any high-impact decisions, in particular if these concern the ordering of tools. You are not authorised to pass on the information found here - or any part thereof - to third parties.

I hereby confirm that the data from Mercedes-Benz provided via this portal are only used in my company for the development, production, assembly and marketing of bodies on new vehicles of the Mercedes-Benz brand.

13. Click on the zip files you wish to download.

Filters:

- Date: 06.08.2020
- Package name: 3D-Konstruktion (STEP-Daten)
- Description: Please select...
- Data type: zip
- Latest update: Please select...

Number of hits: 4 Lines

File type	Data set ID	Package name Date	Description Latest update
↓ ZIP	86144-88849-4781149	3D-Konstruktion (STEP-Daten) 06.08.2020	96342412 Rahmen / frame 2020-08-06 04:45:03
↓ ZIP	86143-88848-4781148	3D-Konstruktion (STEP-Daten) 06.08.2020	96342412 Rahmen / frame 2020-08-06 04:41:05
↓ ZIP	86142-88847-4781147	3D-Konstruktion (STEP-Daten) 06.08.2020	96342412 Rahmen / frame 2020-08-06 04:41:04
↓ ZIP	86141-88846-4781146	3D-Konstruktion (STEP-Daten) 06.08.2020	96342412 FHS / cab 2020-08-06 04:41:02

Econic/Unimog/Zetros

The 3D Data of MBS vehicles is restricted and approved on a case-by-case basis.

If you require the 3D data for these vehicles you will need to contact the responsible person. Refer to the **relevant most recent** Body/Equipment Mounting Directives for contact details.

Always refer to latest Body/Equipment Mounting Directives for latest contacts.

Example

6.2.1 Requirements for receiving 3D data

3D models of the Econic can be requested from ▷ Team provided the following requirements are met:

- Confidentiality agreement
3D models can be made available to the body manufacturer on request following the signing of a separate confidentiality agreement.
- The requested 3D models can then be downloaded via the Bodybuilder Portal.
- Providing the models to third parties – e.g. to sub-suppliers – is prohibited.

Contact persons		Responsibility
Contact person: Email: Tel.: Fax:	Rainer Thomas rainer.thomas@daimler.com +49 (0)7271 71-7614 +49 (0)7271 71-737614	Head of Body Coordination Team Econic, Unimog, Zetros
Contact person: Email: Tel.: Fax:	Bianca Panter bianca.panter@daimler.com +49 (0)7271 71-7774 +49 (0)7271 71-737774	Econic (BM 956)
Postal address:	Daimler AG HPC (in-house post code) K142 Team TE/OME-B Daimlerstrasse 1 76742 Wörth am Rhein, Germany	